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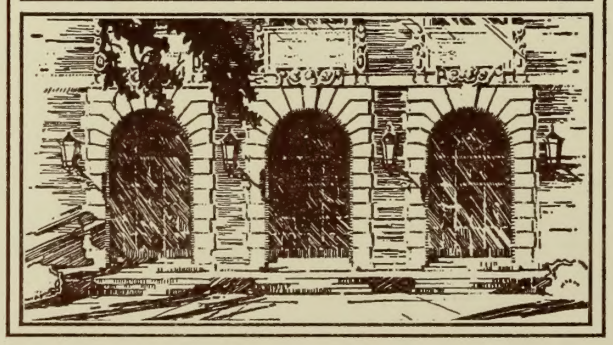

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol. 23, No. 1

JANUARY 1947

This volume is bound without v.23 #2

which is/are unavailable.

1946

lled for 526 sires used in
a leads with 76; New York
fourth with 43; and Illinois

res proved in 1946, by States:

State	Number sires proved
North Carolina	3*
Ohio	23*
Oregon	3
Pennsylvania	76*
South Dakota	1*
Tennessee	3
Utah	7*
Vermont	15*
Virginia	10*
Washington	18*
West Virginia	13*
Wisconsin	66*
Total	526**

Connecticut	27*	Michigan	35*
Delaware	4	Minnesota	31*
Idaho	4*	Missouri	9
Illinois	41*	Nebraska	2*
Indiana	12*	New Hampshire	9*
Iowa	43*	New Jersey	27*
Kansas	21*	New Mexico	1*
Kentucky	2*	New York	69*

*This number includes 1 or more sires proved with data from some other State as well as from the State indicated.
**Omitting duplication.

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526 DHIA SIRES PROVED IN 1946

During 1946, proved-sire records were compiled for 526 sires used in dairy-herd-improvement associations. Pennsylvania leads with 76; New York is second with 69; Wisconsin third with 66; Iowa fourth with 43; and Illinois fifth with 41.

The following table shows the number of sires proved in 1946, by States:

State	Number sires proved	State	Number sires proved	State	Number sires proved
Arizona	4*	Maine	16*	North Carolina	3*
California	9	Maryland	13*	Ohio	23*
Colorado	2*	Massachusetts	12*	Oregon	3
Connecticut	27*	Michigan	35*	Pennsylvania	76*
Delaware	4	Minnesota	31*	South Dakota	1*
Idaho	4*	Missouri	9	Tennessee	3
Illinois	41*	Nebraska	2*	Utah	7*
Indiana	12*	New Hampshire	9*	Vermont	15*
Iowa	43*	New Jersey	27*	Virginia	10*
Kansas	21*	New Mexico	1*	Washington	18*
Kentucky	2*	New York	69*	West Virginia	13*
				Wisconsin	66*
				Total ----------	526**

*This number includes 1 or more sires proved with data from some other State as well as from the State indicated.
**Omitting duplication.

Production records reported to the Bureau of Dairy Industry
by State extension services, for the permanent files, during 1945 and 1946

State	1946 (12 months)								1945
	Associations active Jan. 1	Associations that reported production data 1/	Cows on test in all association herds on January 1	Cows for which production records were reported 2/ 3/		Herd Test Records reported by Breed Associations			Cows for which production records were reported 3/
						American	Ayrshire	Brown Swiss	Holstein	
	Number	Number	Number	Number	Percent	Number	Number	Number	Number	Number
Ala.	1	1	346	36	10.4	0	0	0	0	46
Ariz.	4	4	5,172	1,325	25.6	0	0	0	0	1,473
Ark.	0	0	0	0	0	0	0	0	0	0
Calif.	78	12	112,838	2,927	2.6	0	73	19	0	2,069
Colo.	13	13	3,299	1,019	30.9	0	23	28	0	571
Conn.	16	16	10,585	2,773	26.2	0	459	144	0	4,222
Del.	3	3	1,739	732	42.1	0	11	0	0	266
Fla.	3	0	1,000	0	0	0	0	0	0	0
Ga.	2	2	926	214	23.1	17	0	0	0	0
T. H.	2	1	163	155	95.1	0	0	0	0	254
Idaho	11	10	3,599	767	21.3	0	9	0	0	742
Ill.	63	48	29,270	7,499	25.6	306	127	527	0	7,752
Ind.	49	23	17,159	1,971*	11.5	50	135	139	0	1,408
Iowa	55	60	22,553	10,696	47.4	0	51	189	0	9,559
Kans.	20	21	7,578	3,285	43.3	0	133	43	0	4,355
Ky.	11	11	2,546	627	24.6	18	0	0	0	772
La.	1	2	650	59	9.1	0	0	0	0	75
Maine	16	16	7,296	2,984	40.9	0	56	0	0	3,255
Md.	21	21	12,511	4,863	38.9	0	248	0	0	6,635
Mass.	6	5	4,412	842	19.1	101	350	70	0	1,029
Mich.	71	71	29,729	7,779	26.2	10	147	207	0	12,080
Minn.	42	42	19,339	8,426	43.6	18	0	58	50	6,236

*Correction

State	Number	Number	Number	Number	Percent	Number	Number	Number	Number	Number
Miss.	0	0	0	0	0	0	0	0	0	0
Mo.	28	29	9,815	2,243	22.9	0	23	15	0	2,034
Mont.	5	4	2,398	732	30.5	0	0	2	0	43
Nebr.	10	7	1,673	396	23.7	15	18	23	0	743
Nev.	3	3	1,325	247	18.6	0	0	0	0	21
N. H.	11	11	4,375	1,541	35.2	7	159	39	0	1,083
N. J.	23	25	17,920	6,456	36.0	0	6	84	0	5,959
N. Mex.	1	0	112	0	0	0	0	0	0	0
N. Y.	115	109	63,191	24,810	39.3	715	1,301	189	0	20,997
N. C.	6	0	3,100	0	0	6	153	0	0	192
N. Dak.	2	0	600	0	0	0	0	0	0	13
Ohio	57	42	15,620	4,782	30.6	14	601	239	18	4,434
Okla.	2	5	426	104	24.4	0	0	0	0	81
Oreg.	12	8	8,401	648	7.7	0	6	23	0	409
Pa.	117	118	60,215	26,608	44.2	136	1,000	82	0	22,336
P. R.	1	0	1,100	0	0	0	0	0	0	0
R. I.	1	0	550	0	0	0	68	0	0	96
S. C.	0	0	0	0	0	0	0	0	0	0
S. Dak.	1	6	169	99	58.6	0	0	17	0	146
Tenn.	6	7	2,117	412	19.5	1	0	0	0	320
Tex.	3	5	1,707	319	18.7	0	0	0	0	375
Utah	12	8	6,567	1,016	15.5	0	0	0	0	1,182
Vt.	30	30	19,644	9,178	46.7	50	262	57	0	8,722
Va.	37	28	26,243	6,896	26.3	0	1	0	0	7,170
Wash.	31	33	19,519	8,976	46.0	0	20	4	0	3,759
W. Va.	10	11	4,360	2,521	57.8	0	110	17	0	2,292
Wis.	112	78	64,021	16,973	26.5	94	84	541	0	19,320
Wyo.	0	0	0	0	0	0	0	0	0	0
U. S.	1,124	949	627,878	173,936	27.7	1,558	5,634	2,756	68	164,526

1/ Includes associations organized since January 1, 1946
2/ Includes cows enrolled since January 1, 1946
3/ Production records reported on BDI-718.

SWANK JUN 7 1951

DHIA PROVED-SIRE RECORDS TABULATED IN DECEMBER 1946

Following is a list of 63 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in December 1946. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the ten printed lists his previous record appeared.

The owner listed is the owner of the herd in which the sire was proved; or in case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported.

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AMERICAN

HILLCREST CASTLE SAM 435
(This sire is also a registered Jersey "Hillcrest Castle Sam 418701." Proved Sire data included in Jersey listing.)

AYRSHIRE

	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
BROOK PINE WARRIOR 53744	7 dau.	8	7,753	3.9	299
Born, 12-17-35; proved, 12-4-46;----; N. Y.	6 dau.	7	7,767	3.9	303
Sire, 42866; dam, 124177.	6 dams	32	8,265	4.0	328
Owner, Ralph S. Gould, Hobart.	Dif. (2-3-3)		-498	-.1	-25
CLOVER CREST OLD GLORY 62856	6 dau.	9	9,232	3.8	347
Born, 9-30-38; proved, 12-4-46;----; N. Y.	6 dams	19	8,990	4.0	362
Sire, 51652; dam, 206310.	Dif. (3-2-3)		+242	-.2	-15
Owner, Marshall F. Cheesman, Ellenburg Depot.					
FERNHEIM SIR ONYX 53159	9 dau.	37	7,794	4.2	331
Born, 1-19-36; proved, 12-4-46;----; Pa.	7 dau.	27	7,501	4.2	317
Sire, 34004; dam, 115151.	7 dams	25	9,702	4.2	407
Owner, George L. Rice & Son, Dallas.	Dif. (1-4-1)		-2,201	.0	-90
NESHAMINY GOLDEN BOY 63633	7 dau.	10	11,570	4.5	516
Born, 8-15-39; proved, 12-4-46;----; Pa.	7 dams	16	8,308	4.4	369
Sire, 47635; dam, 93810.	Dif. (6-5-6)		+3,262	+.1	+147
Owner, Neshaminy Farms, Newtown.					
PENSHURST PLANET 54722	10 dau.	15	10,824	4.0	431
Born, 4-27-36; proved, 12-4-46;----; Ohio.	6 dau.	11	10,301	4.1	420
Sire, 41511; dam, 99814.	6 dams	8	10,755	3.9	414
Owner, C. Austin Fish, Lagrange.	Dif. (2-4-4)		-454	+.2	+ 6
SHARON VIEW MARY'S STAR 54995	11 dau.	14	5,732	4.0	231
Born, 9-16-36; proved, 12-19-46;----; Kans.	10 dau.	12	5,758	4.0	233
Sire, 38293; dam, 121041.	10 dams	62	5,943	4.2	247
Owner, John C. Stephenson, Downs.	Dif. (5-4-4)		-185	-.2	-14

Ayrshire	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
SYCAMORE DIADEM 55526	8 dau.	12	7,847	4.1	323
Born, 12-22-36; proved, 12-16-46;----; Pa.	5 dau.	9	8,123	4.1	334
Sire, 51656 imp.; dam, 133929.	5 dams	9	10,066	4.4	439
Owner, Willow Grange Dairy Farm,Trucksville.	Dif. (1-2-0)		-1,943	-.3	-105
SYCAMORE GOOD ADVICE 54702	10 dau.	18	8,772	4.0	355
Born, 9-20-36; proved, 12-4-46;----; Conn.	7 dau.	11	8,420	3.9	332
Sire, 51654 imp.; dam, 149222.	7 dams	21	8,240	4.1	339
Owner, Talisman Farms, Bridgewater.	Dif. (4-3-3)		+180	-.2	- 7
WHITPAIN AMERICAN GRAY DAWN 54175	9 dau.	15	8,961	4.3	385
Born, 11-20-35; proved, 12-4-46;----; N. Y.	7 dau.	13	8,618	4.2	365
Sire, 35139; dam, 109489.	7 dams	19	9,526	4.0	381
Owner, Lynn A. Wollaber, Canastota.	Dif. (2-6-2)		-908	+.2	-16
BROWN SWISS					
COLONEL COB OF WEST LAWN 36980	9 dau.	10	9,290	4.0	369
Born, 12-15-36; proved, 12-18-46;----; Wis.	9 dams	35	9,725	3.9	384
Sire, 22813; dam, 24431.	Dif. (2-7-3)		-435	+.1	-15
Owner, Weber West, Sarona.					
LASSIE ANN'S CARL OF UPLAND FARM 36497	6 dau.	16	10,736	4.2	453
Born, 7-19-36; proved, 12-19-46;----; Pa.	5 dau.	15	11,486	4.2	484
Sire, 25090; dam, 32211.	5 dams	14	10,583	4.0	425
Owner, Rolling Rocks Farms, Ligonier.	Dif. (3-4-3)		+903	+.2	+59
GUERNSEY					
ADVENTURER OF TAMARACK RIDGE 210716	9 dau.	13	8,669	5.0	430
Born, 9-6-33; proved, 12-4-46;----; Mich.	6 dau.	9	8,486	4.9	415
Sire, 172793; dam, 251793.	6 dams	11	9,115	5.3	479
Owner, Adolph Knott, Niles.	Dif. (2-2-1)		-629	-.4	-64
BOLTON'S CROWN PRINCE 234581 *9	36 dau.	74	7,818	5.2	407
Born, 4-2-36; proved, 12-19-46;----; Pa.	31 dau.	65	7,865	5.2	407
Sire, 204048; dam, 377762	31 dams	132	8,094	5.1	411
Owner, I. M. Speedy, Livermore.	Dif. (17-19-16)		-229	+.1	- 4
ELMWOOD FARMS LEADER'S REX 288095	12 dau.	17	7,951	5.1	403
Born, 12-1-39; proved, 12-18-46;----; N. Y.	9 dau.	14	8,066	5.2	422
Sire, 279704; dam, 476294.	9 dams	34	8,282	4.9	407
Owner, Floyd Somes, Memphis.	Dif. (4-8-5)		-216	+.3	+15
GLENGERAN FEARLESS 250455	11 dau.	16	8,183	5.1	414
Born, 2-21-37; proved, 12-4-46;----; N. J.	8 dau.	12	8,410	5.1	430
Sire, 214092; dam, 470821.	8 dams	21	9,135	4.7	426
Owner, H. C. Folger, Freehold.	Dif. (3-8-5)		-725	+.4	+ 4
KENFLEUR'S DICTA MASTERFUL 243803 *8	24 dau.	51	8,583	4.9	423
Born, 4-10-36; proved, 12-4-46;----; Ill.	15 dau.	36	8,747	5.0	440
Sire, 167470; dam, 151378.	15 dams	48	8,724	4.8	419
Owner, Archie Z. Fox, Gibson City.	Dif. (6-11-8)		+ 23	+.2	+21

Guernsey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
PINEBROOK HIBOY 263151	22 dau.	40	9,718	5.1	498
Born, 2-16-38; proved, 12-18-46;----; Pa.	22 dams	100	10,168	4.9	495
Sire, 161961; dam, 390869.	Dif. (9-19-12)		-450	+.2	+ 3
Owner, Philip W. Smith, New Hope.					
RADISSON'S TRIAX 223617 *8	15 dau.	22	7,321	5.2	378
Born, 4-10-34; proved, 12-19-46;----; Minn.	9 dau.	10	7,169	5.2	371
Sire, 91632; dam, 244137.	9 dams	14	7,498	4.9	368
Owner, John D. Ruble, Austin.	Dif. (4-8-5)		-329	+.3	+ 3
RIDGLYDALE'S LONSDALE ALERT 267014	14 dau.	21	10,029	5.0	503
Born, 10-25-37; proved, 12-5-46;----; Ill.	9 dau.	12	10,548	5.0	533
Sire, 198651; dam, 450813.	9 dams	26	9,306	4.8	445
Owner, Archie Z. Fox, Gibson City.	Dif. (6-7-8)		+1,242	+.2	+88
RIDGLYDALE'S PRIDE 287984	13 dau.	16	10,482	4.7	496
Born, 3-10-40; proved, 12-20-46;----; Ill.	10 dau.	13	11,096	4.6	518
Sire, 243994; dam, 450917.	10 dams	30	9,346	4.7	438
Owner, Raymond Green, Gibson City.	Dif. (8-6-7)		+1,750	-.1	+78
VALLEY PRIDE ROYAL LAD 274784	9 dau.	14	8,702	5.0	435
Born, 5-17-39; proved, 12-18-46;----; Wash.	5 dau.	8	8,359	5.2	439
Sire, 251892; dam, 446262.	5 dams	17	9,753	5.2	503
Owner, Merle Miller, Burlington.	Dif. (1-2-2)		-1,394	.0	-6
HOLSTEIN					
ADMIRAL BEECHWOOD 7TH 758855	5 dau.	5	12,336	3.6	44
Born, 3-12-38; proved, 12-5-46;----; Wis.	5 dams	7	11,663	3.6	41
Sire, 708491; dam, 1637904.	Dif. (2-3-3)		+673	.0	+2
Owner, Ed. C. Wippermann, Sheboygan.					
ARBOLAWN ORMSBY PERFECTION 761462	8 dau.	12	13,569	3.2	43
Born, 11-12-37; proved, 12-20-46;----; Ind.	6 dau.	8	13,243	3.3	43
Sire, 671573; dam, 1782913.	6 dams	23	13,677	3.5	48
Owner, Reuben Schwartz, Berne.	Dif. (2-2-1)		-434	-.2	-4
CARNATION DISTINCTION 776733	10 dau.	10	9,693	3.7	36
Born, 2-21-39; proved, 12-18-46;----; Ill.	8 dau.	8	9,304	3.7	34
Sire, 678142; dam, 1771816.	8 dams	16	11,273	3.9	43
Owner, Latimer & Stecker, Woodstock.	Dif. (1-2-0)		-1,969	-.2	-9
CARNATION GOVERNOR SPOFFORD 754863	17 dau.	27	14,498	3.5	50
Born, 6-30-37; proved, 12-20-46;----; Idaho.	14 dau.	21	14,652	3.5	51
Sire, 629472; dam, 1512360.	14 dams	22	12,089	3.3	39
Owner, Mrs. Ethel J. McFarland, Nampa.	Dif. (10-11-11)		+2,563	+.2	+12
CLOVER LAWN CASCADER FOBES PEARL 761394	9 dau.	9	9,630	3.4	32
Born, 8-27-37; proved, 12-18-46;----; Wis.	8 dau.	8	9,601	3.4	32
Sire, 665172; dam, 1657966.	8 dams	14	11,366	3.3	37
Owner, Albert Pade, Lomira.	Dif. (1-5-1)		-1,765	+.1	-5

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
COLANTHA ORMSBY CLOTHILDE BOY 771344	8 dau.	11	10,202	3.3	332
Born, 2-26-38; proved, 12-18-46;----; Iowa.	8 dams	29	11,139	3.6	396
Sire, 728678; dam, 1795395.	Dif. (2-2-2)		-937	-.3	-64
Owner, Gillette Brothers, Fostoria.					
CREAMELLE WOODDALE STARR 751096	8 dau.	8	11,373	3.7	418
Born, 10-2-37; proved, 12-18-46;----; Mich.	8 dams	12	9,779	3.6	348
Sire, 679261; dam, 1566753.	Dif. (7-4-6)		+1,594	+.1	+70
Owner, Starr Commonwealth Farms, Albion.					
DICK LAKEFIELD ONA HOMESTEAD 815030	8 dau.	11	12,724	3.6	464
Born, 7-28-40; proved, 12-18-46;----; Pa.	7 dau.	10	12,813	3.6	465
Sire, 698278; dam, 1720694.	7 dams	28	13,122	3.4	444
Owner, Leon M. Musser, Lewisburg.	Dif. (2-7-3)		-309	+.2	+21
DOUGLAS BRODHEAD BUTTERCUP HARK 749548	10 dau.	12	11,919	3.5	420
Born, 7-1-36; proved, 12-18-46;----; Ill.	8 dau.	9	11,927	3.5	420
Sire, 675279; dam, 1759000.	8 dams	15	9,788	3.7	359
Owner, Roy H. Cross & Sons, Davis.	Dif. (7-2-7)		+2,139	-.2	+61
ECHO DE KOL COLANTHA STAR 768326	10 dau.	17	15,071	3.5	534
Born, 10-14-37; proved, 12-5-46;----; Mich.	10 dams	17	13,003	3.5	459
Sire, 728351; dam, 1632992.	Dif. (9-5-9)		+2,068	.0	+75
Owner, Fred Angell & Son, Lansing.					
ENSIGN FOBES ORMSBY JOHANNA 751508	7 dau.	12	11,378	3.5	397
Born, 10-21-36; proved, 12-18-46;----; Iowa.	7 dams	27	11,422	3.4	391
Sire, 589676; dam, 1675072.	Dif. (3-6-4)		- 44	+.1	+ 6
Owner, Tow & Elliott, Norway.					
F V D MAN-O-WAR INKA 765556	9 dau.	15	9,210	3.3	308
Born, 12-17-37; proved, 12-18-46;----; Ariz.	9 dams	35	10,932	3.3	366
Sire, 695159; dam, 1174088.	Dif. (5-5-4)		-1,722	.0	-58
Owner, Fairview Dairy, Tucson.					
KING BESSIE DIXIE PROSPECTOR 752128	11 dau.	22	11,648	3.7	432
Born, 7-30-37; proved, 12-20-46;----; Kans.	11 dams	39	11,983	3.9	462
Sire, 688252; dam, 1564220.	Dif. (5-4-3)		-335	-.2	-30
Owner, Herman Torkelson, Everest.					
KING ORMSBY TRIUNE MERCEDES 759393	9 dau.	15	11,720	3.6	419
Born, 2-16-37; proved, 12-18-46;----; Minn.	8 dau.	14	11,670	3.5	413
Sire, 488532; dam, 1473994.	8 dams	20	11,382	3.5	398
Owner, Charles Hiatt & Roy Phipps, Truman.	Dif. (5-4-5)		+288	.0	+15
LAUXMONT ADRODELLA 759621 *10	20 dau.	26	11,806	3.9	458
Born, 12-18-37; proved, 12-4-46; dead; Pa.	16 dau.	20	11,506	3.9	450
Sire, 696612; dam, 1550911.	16 dams	48	11,249	3.8	426
Owner, Lauxmont Farms, Wrightsville.	Dif. (8-13-11)		+257	+.1	+24
MAN-O-WAR PROGRESSOR POSCH 756226	8 dau.	11	9,608	3.4	324
Born, 11-14-37; proved, 12-20-46;----; Utah.	7 dau.	9	9,519	3.4	319
Sire, 673745; dam, 1644399.	7 dams	21	10,892	3.7	404
Owner, Lomondview Dairy Farm, Pleasant View.	Dif. (2-2-3)		-1,373	-.3	-85

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
MONTVIC BONHEUR PRINCE 2D 758461	9 dau.	14	14,301	3.3	468
Born, 5-1-38; proved, 12-18-46;----; Ill.	7 dau.	11	14,295	3.2	464
Sire, 756713; dam, 1885017.	7 dams	27	13,228	3.3	438
Owner, Robert W. Gardner, Solon Mills.	Dif. (5-4-5)		+1,067	-.1	+26
MT HERMON ORMSBY LAD 772811	7 dau.	8	13,276	3.3	443
Born, 5-6-38; proved, 12-5-46;----; Mass.	7 dams	25	13,514	3.3	445
Sire, 668281; dam, 1657368.	Dif. (3-4-3)		-238	.0	- 2
Owner, Mount Hermon School Farm, Mount Hermon.					
OAKDALE ORMSBY FOBES PLUS 771205	9 dau.	17	13,770	3.6	493
Born, 10-17-38; proved, 12-18-46;----; Iowa.	7 dau.	13	13,236	3.6	472
Sire, 674118; dam, 1674611.	7 dams	28	12,406	3.3	413
Owner, State Hospital, Independence.	Dif. (5-7-6)		+830	+.3	+59
OOSTIE KING 811875	11 dau.	11	15,982	3.2	506
Born, 6-24-40; proved, 12-18-46;----; Wis.	10 dau.	10	16,193	3.2	511
Sire, 727000; dam, 1968267.	10 dams	27	11,266	3.3	367
Owner, Theodore Christoph, Chilton.	Dif. (10-5-9)		+4,927	-.1	+144
ORMSBY DARK SULTAN 759054	14 dau.	16	11,825	3.2	382
Born, 7-6-37; proved, 12-20-46;----; Mo.	13 dau.	14	11,638	3.2	377
Sire, 639850; dam, 1804013.	13 dams	39	11,425	3.3	380
Owner, Church Farm Dairy, Jefferson City.	Dif. (7-5-6)		+213	-.1	- 3
ORMSBY IDEAL CONSTANCE OSCAR 758553	10 dau.	18	10,741	3.4	365
Born, 5-6-35; proved, 12-18-46;----; N. J.	10 dams	54	10,965	3.5	385
Sire, 665118; dam, 1600031.	Dif. (4-3-5)		-224	-.1	-20
Owner, Stanley B. Roberts, Port Jervis, N.Y.					
ORMSBY PALMYRA SEGIS PIEBE 711055	12 dau.	27	11,332	3.5	395
Born, 3-7-35; proved, 12-18-46;----; Pa.	7 dau.	14	11,317	3.5	398
Sire, 707367; dam, 1633717.	7 dams	17	12,019	3.6	42[illegible]
Owner, Guy S. Reed, Summit Station.	Dif. (3-3-2)		-702	-.1	-2[illegible]
PABST BARTA VALE (TWIN) 824340	8 dau.	8	13,264	3.8	49[illegible]
Born, 5-2-41; proved, 12-5-46;----; Minn.	6 dau.	6	12,812	3.7	47[illegible]
Sire, 761980; dam, 1438148.	6 dams	8	12,855	3.1	40[illegible]
Owner, Clifford A. Ruble & Sons, Albert Lea.	Dif. (3-6-6)		- 43	+.6	+7
PAGANOK ADMIRAL ORMSBY CANARY 761372	9 dau.	13	12,700	3.6	45[illegible]
Born, 7-26-38; proved, 12-18-46;----; Mo.	8 dau.	11	12,516	3.6	44[illegible]
Sire, 717831; dam, 1359244.	8 dams	23	11,280	3.7	41[illegible]
Owner, Robert Thomson, Springfield.	Dif. (5-4-5)		+1,236	-.1	+3[illegible]
PEVELY KING ORMSBY MATADOR 759234	8 dau.	19	11,528	3.6	41[illegible]
Born, 2-28-38; proved, 12-18-46;----; Ill.	5 dau.	11	11,345	3.7	41[illegible]
Sire, 540931; dam, 1533217.	5 dams	14	11,026	3.6	39[illegible]
Owner, James H. McKinney & Sons, Toledo.	Dif. (3-2-3)		+319	+.1	+2[illegible]
PIEBE KING JIM 766449	8 dau.	10	9,596	3.3	32[illegible]
Born, 1-18-38; proved, 12-20-46;----; Va.	8 dams	28	9,012	3.5	31[illegible]
Sire, 702454; dam, 1552857.	Dif. (6-3-4)		+584	-.2	+
Owner, William S. Barksdale, Randolph.					

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
REFORMATORY CENTURY ONA 756810	9 dau.	11	8,931	3.6	318
Born, 11-1-37; proved, 12-20-46;----; Mich.	7 dau.	9	9,411	3.5	330
Sire, 675183; dam, 1631207.	7 dams	8	12,466	3.4	429
Owner, Roy Poth, Brown City.	Dif. (1-4-1)		-3,055	+.1	-99
RENSINK ARALIA JOE PRINCE 781957	5 dau.	5	15,721	3.1	492
Born, 10-10-38; proved, 12-20-46;----; Iowa.	5 dams	17	13,057	3.6	473
Sire, 653544; dam, 1811379.	Dif. (5-0-3)		+2,664	-.5	+19
Owner, Leonard Rensink, Boyden.					
SAVAGE FARM SENSATION 753474	8 dau.	12	8,638	3.5	305
Born, 9-19-37; proved, 12-18-46;----; Va.	8 dams	28	9,327	3.5	330
Sire, 676475; dam, 1599693.	Dif. (2-4-3)		-689	.0	-25
Owner, B. Briel, Sandston.					
SILVERLEA KING ORMSBY POSCH 804071	12 dau.	16	13,210	3.5	468
Born, 12-15-39; proved, 12-5-46;----; Mich.	10 dau.	14	13,712	3.5	485
Sire, 704308; dam, 1760927.	10 dams	20	14,045	3.4	472
Owner, Fred Angell & Son, Lansing.	Dif. (5-7-5)		-333	+.1	+13
VAN HORNE SARCASTIC COLANTHA 750703	9 dau.	13	10,643	3.7	391
Born, 4-25-37; proved, 12-5-46;----; N. Y.	5 dau.	6	10,647	3.6	388
Sire, 727625; dam, 1788554.	5 dams	6	13,347	3.4	449
Owner, Lowell S. Huntington & Sons, Westford.	Dif. (1-5-1)		-2,700	+.2	-61
WAUPUN PIEBE WALKER FOBES 764828	10 dau.	11	10,145	3.5	356
Born, 10-19-38; proved, 12-18-46;----; Wis.	10 dams	33	11,105	3.4	379
Sire, 685085; dam, 1127564.	Dif. (4-7-4)		-960	+.1	-23
Owner, Wisconsin State Prison, Waupun.					
WESTSIDE SIR ABBEKERK 753658	15 dau.	24	9,066	3.4	305
Born, 3-11-37; proved, 12-20-46;----; N. Y.	7 dau.	12	8,919	3.3	293
Sire, 646168; dam, 1408058.	7 dams	15	9,949	3.3	325
Owner, R. J. Howard, Sherburne.	Dif. (2-4-2)		-1,030	.0	-32
WIMBLEDON EMPEROR SUPREME 750275	12 dau.	17	12,675	3.6	455
Born, 8-23-37; proved, 12-20-46;----; Vt.	10 dau.	15	12,744	3.6	459
Sire, 671030; dam, 1739010.	10 dams	21	12,459	3.4	426
Owner, John B. Abbott, Bellows Falls.	Dif. (5-9-6)		+285	+.2	+33
WIMBLEDON MARATHON-PEARL 773949	10 dau.	14	11,388	3.4	382
Born, 9-29-38; proved, 12-20-46;----; Pa.	10 dams	49	12,957	3.3	426
Sire, 743518; dam, 1751935.	Dif. (3-8-2)		-1,569	+.1	-44
Owner, Luzerne School for Boys, Kis-Lyn.					

JERSEY

CORONATION SAVOIA'S SULTAN 392353 *9	12 dau.	30	6,252	5.9	367
Born, 5-19-37; proved, 12-19-46; dead; Vt.	11 dau.	27	6,246	5.9	366
Sire, 351127; dam, 1067538.	11 dams	26	6,707	5.8	386
Owner, Howard Goldsmith, White River Junction.	Dif. (6-8-7)		-461	+.1	-20

Jersey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
HILLCREST CASTLE SAM 418701 (ADC-435)	10 dau.	12	7,920	5.2	413
Born, 3-10-38; proved, 12-19-46;----; N. Y.	8 dau.	10	7,614	5.2	398
Sire, 346915; dam, 1285330.	8 dams	17	8,956	5.0	446
Owner, Hugh Meeder, Warsaw.	Dif. (4-6-4)		-1,342	+.2	-48
OBSERVER REWARD 371077 *7	13 dau.	16	7,388	5.4	397
Born, 2-12-35; proved, 12-4-46;----; Ohio.	13 dams	24	6,625	5.1	339
Sire, 340671; dam, 1000670.	Dif. (8-9-10)		+763	+.3	+58
Owner, C. B. Billman & Sons, Burbank.					
STANDARD COMMANDER 403452 *9	12 dau.	26	6,680	5.6	373
Born, 10-28-36; proved, 12-19-46;----; Vt.	11 dau.	25	6,827	5.6	380
Sire, 75170 CJCC.; dam, 63526 CJCC.	11 dams	27	7,796	5.1	401
Owner, George H. & H. P. Ricker, Groton.	Dif. (1-8-4)		-969	+.5	-21
398870	11 dau.	12	9,212	5.1	470
Born, ----; proved, 12-5-46;----; Pa.	10 dau.	11	9,495	5.1	482
Sire, ----; dam, ----.	10 dams	68	8,550	5.1	439
Owner, John Bamford, McDonald.	Dif. (8-7-8)		+945	.0	+43

RED DANE

51*D519 (EARTAG) *10	30 dau.	48	7,943	3.9	313
Born, 8-17-38; proved, 12-19-46;----; Mich.	21 dau.	35	7,799	3.9	304
Sire, 51*D502; dam, 51*D10.	21 dams	39	7,114	4.1	292
Owner, James Lilley & Sons, Harrisville.	Dif. (16-8-14)		+685	-.2	+12

VI

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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~~Dairy-Herd-Improvement-Association~~ Letter Vol. 23, No. 2

February 1947

Dairy-Herd-Improvement Associations in the United States
Active January 1, 1947
(As reported by State extension dairymen)

Dairy-herd-improvement-association work in the United States continued its postwar growth during 1946, reaching an all-time peak as to number of associations or testing units in operation.

On January 1, 1947, there were 1,426 associations in operation, with 28,812 herds consisting of 775,546 cows on test. Compared with January 1, 1946, this represents an increase of 302, or 26.9 percent, in number of associations; an increase of 5,481, or 23.5 percent, in number of herds; and an increase of 147,668, or 23.5 percent, in number of cows on test.

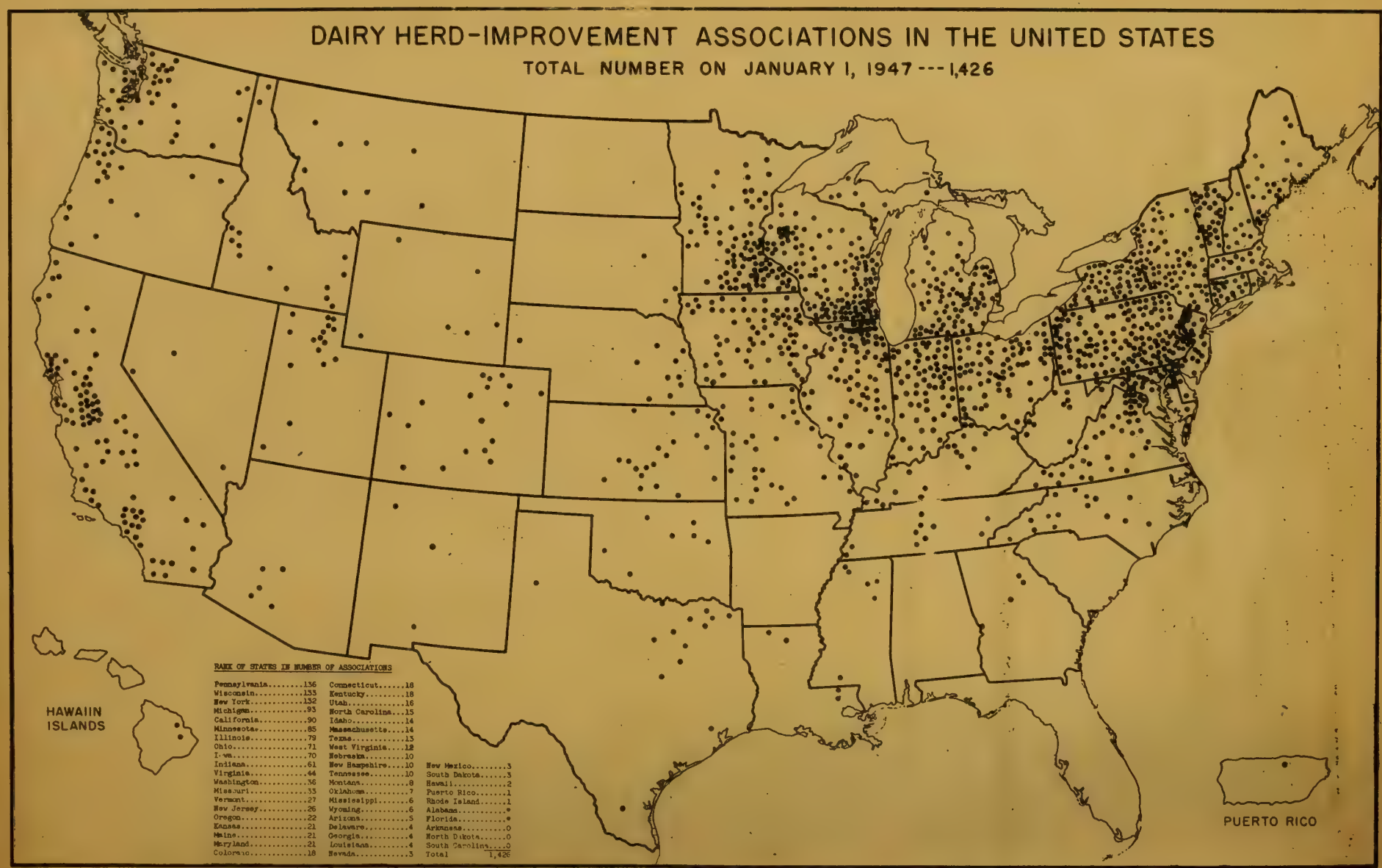
California, with 137,276 cows on test, which is 15.1 percent of the cows in the State, leads the States in number of cows being tested.

Wisconsin, with 3,058 herds on standard test, leads in number of herds being tested.

Data on the status of dairy-herd-improvement-association work by States are given on the following pages.

DAIRY HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES

TOTAL NUMBER ON JANUARY 1, 1947 --- 1,426



RANK OF STATES IN NUMBER OF ASSOCIATIONS

Pennsylvania	136	Connecticut	18		
Wisconsin	133	Kentucky	18		
New York	132	Utah	16		
Michigan	93	North Carolina	15		
California	90	Idaho	14		
Minnesota	85	Massachusetts	14		
Illinois	79	Texas	13		
Ohio	71	West Virginia	12		
Iowa	70	Nebraska	10		
Indiana	61	New Hampshire	10	New Mexico	3
Virginia	44	Tennessee	10	South Dakota	3
Washington	36	Montana	8	Hawaii	2
Missouri	33	Oklahoma	7	Puerto Rico	1
Vermont	27	Mississippi	6	Rhode Island	1
New Jersey	26	Wyoming	6	Alabama	*
Oregon	22	Arizona	5	Florida	*
Kansas	21	Delaware	4	Arkansas	0
Maine	21	Georgia	4	North Dakota	0
Maryland	21	Louisiana	4	South Carolina	0
Colorado	18	Nevada	3	Total	1,426

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES
(Active January 1, 1947)

State	Associations	Herds	Cows	Average per association: Herds	Average per association: Cows	Total milk cows 1/	Relation of DHIA cows to all dairy cows
	Number	Number	Number	Number	Number	Thousands	Percent
Ala	(2)	-------	-------	-------	--------	448	----------
Ariz	5	105	5,577	21.0	1,115	45	12.4
Ark	0	0	0	-------	--------	484	0
Calif	90	1,555	137,276	17.3	1,525	912	15.1
Colo	18	157	4,283	8.7	238	222	1.9
Conn	18	329	10,000	18.3	556	126	7.9
Del	4	84	1,943	21.0	486	38	5.1
Fla	(2)	-------	-------	-------	--------	148	----------
Ga	4	50	3,188	12.5	797	399	0.8
Hawaii	2	5	430	2.5	215	(3)	4.1
Idaho	14	307	5,006	21.9	358	227	2.2
Ill	79	1,761	35,615	22.3	451	1,120	3.2
Ind	61	1,133	19,969	18.6	327	790	2.5
Iowa	70	1,610	28,105	23.0	401	1,366	2.1
Kans	21	420	7,488	20.0	357	697	1.1
Ky	18	229	5,691	12.7	316	622	0.9
La	4	38	1,350	9.5	337	368	0.4
Maine	21	446	8,298	21.2	395	126	6.6
Md	21	454	13,423	21.6	639	232	5.8
Mass	14	276	8,685	19.7	620	135	6.4
Mich	93	2,200	37,708	23.7	405	1,048	3.6
Minn	85	2,002	38,047	23.6	448	1,698	2.2
Miss	6	63	2,251	10.5	375	572	0.4
Mo	33	562	11,951	17.0	362	1,007	1.2
Mont	8	134	3,636	16.7	454	147	2.5
Nebr	10	100	2,319	10.0	232	557	0.4
Nev	3	35	990	11.7	330	21	4.7
N.H	10	205	5,173	20.5	517	73	7.1
N.J	26	561	20,482	21.6	788	158	13.0
N.Mex	3	36	1,776	12.7	592	65	2.7
N.Y	132	2,628	71,900	19.9	545	1,439	5.0
N.C	15	141	4,676	9.4	312	376	1.2
N.Dak	0	0	0	-------	--------	488	0
Ohio	71	1,303	23,241	18.4	327	1,082	2.1
Okla	7	75	2,168	10.7	310	765	0.3
Oreg	22	566	14,184	25.7	645	251	5.7
Pa	136	2,925	63,604	21.5	468	1,000	6.4
P.R	1	14	1,100	14.0	1,100	-------	----------
R.I	1	17	603	17.0	603	22	2.7
S.C	0	0	0	-------	--------	179	0
S.Dak	3	70	1,172	23.3	391	447	0.3
Tenn	10	130	4,092	13.0	409	640	0.6
Tex	13	146	5,849	11.2	450	1,453	0.4
Utah	16	484	7,958	30.2	497	117	6.8
Vt	27	571	17,402	21.1	645	302	5.8
Va	44	738	31,427	16.8	714	460	6.8
Wash	36	824	23,533	22.9	654	346	6.8
W.Va	12	225	5,715	18.7	476	232	2.5
Wis	133	3,058	75,145	23.0	565	2,585	2.9
Wyo	6	38	1,117	6.3	186	65	1.7
Total or average	1,426	28,812	775,546	20.2	544	26,100	3.0

1/ Estimated by the Bureau of Agricultural Economics; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1947.
2/ No report.
3/ 10,562; estimated by the Economics Department, University of Hawaii.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1906-28, inclusive) 1/

State	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1927	1928
Mich 2/	5	4	3	4	4	3	3	10	15	7	13	14	11	17	53	105	108	102	105
Maine 3/	4	3	6	5	4	5	8	11	5	1	0	0	0	3	4	2	1	0	0
N.Y. 4/	1	3	9	18	21	29	35	47	43	19	25	28	24	31	27	24	28	36	42
Vt	2	8	10	11	17	28	33	38	47	18	12	18	17	21	20	17	23	23	25
Iowa	2	5	4	8	7	8	13	23	30	15	11	14	17	22	47	56	61	77	86
Calif	1	3	2	4	4	5	7	9	15	16	14	18	21	21	27	20	30	35	32
Wis	9	10	10	8	11	24	37	51	81	112	105	115	103	127	151	176	169	159	166
Nebr	1	0	0	0	3	2	3	4	4	2	2	0	0	1	4	2	6	10	17
Colo	---	1	1	2	1	1	0	0	3	5	5	5	4	6	6	7	6	5	9
Pa	---	1	1	2	2	7	14	19	24	21	35	64	46	45	36	42	43	49	65
Ohio	---	1	0	0	1	4	5	20	30	24	24	41	35	36	36	21	25	28	29
Wash	---	1	3	1	0	0	1	12	18	11	9	6	10	10	11	10	8	11	10
Md	---	---	1	3	3	2	4	7	8	4	2	6	7	6	4	9	10	8	7
Ill	---	---	4	3	2	7	3	3	17	15	27	23	25	24	23	24	26	30	34
Minn	---	---	3	7	10	9	11	22	26	23	21	19	23	37	55	88	84	85	105
N.H	---	---	1	1	1	4	8	11	12	8	9	10	10	11	10	5	4	2	4
Oreg	---	---	1	1	1	7	11	15	17	11	6	9	5	5	4	7	8	9	11
Utah	---	---	1	0	0	1	1	0	1	1	0	1	1	1	4	5	4	5	5
Mass	---	---	2	2	2	3	0	4	4	0	0	1	5	6	6	3	6	7	9
Va	---	---	2	2	2	0	0	2	4	4	5	8	10	12	13	15	18	18	20
Kans	---	---	---	---	1	1	1	1	4	3	15	13	13	13	9	8	11	13	14
Ind	---	---	---	---	2	2	3	7	9	7	10	5	10	5	10	17	25	31	34
Ky	---	---	---	---	1	1	0	1	1	0	0	5	5	2	3	2	0	2	(5)
Mo	---	---	---	---	---	2	1	2	5	4	5	6	7	11	12	13	19	21	25
N.J	---	---	---	---	---	2	3	4	8	9	9	12	8	6	6	6	9	11	17
W.Va	---	---	---	---	---	1	1	3	1	1	1	3	5	5	6	3	3	3	4
Conn	---	---	---	---	---	1	3	6	3	0	0	1	0	2	1	1	2	4	5
N.C	---	---	---	---	---	2	0	0	0	0	0	2	2	0	0	2	5	5	5
La	---	---	---	---	---	1	0	0	0	0	0	1	0	0	0	0	0	1	2
S.Dak	---	---	---	---	---	1	1	3	3	0	0	0	0	0	4	11	9	10	8
Nev	---	---	---	---	---	---	1	0	1	0	0	0	1	1	4	3	1	3	0
Ariz	---	---	---	---	---	---	---	2	2	1	0	0	2	1	1	2	1	1	2
R.I	---	---	---	---	---	---	---	2	2	0	0	4	4	4	3	0	0	0	0
Del	---	---	---	---	---	---	---	2	3	2	2	1	0	0	0	0	0	0	0
Idaho	---	---	---	---	---	---	---	2	1	1	4	5	6	4	8	8	8	9	12
Miss	---	---	---	---	---	---	---	1	0	0	0	0	3	2	1	1	2	0	1
Mont	---	---	---	---	---	---	---	1	2	0	0	0	0	0	2	4	3	7	7
Tenn	---	---	---	---	---	---	---	1	8	4	6	3	3	4	2	2	2	2	3
N.Mex	---	---	---	---	---	---	---	---	1	0	0	0	1	1	1	0	1	1	2
Wyo	---	---	---	---	---	---	---	---	1	0	1	0	0	0	0	1	0	0	0
Ala	---	---	---	---	---	---	---	---	---	2	1	3	1	1	0	0	0	1	3
Ga	---	---	---	---	---	---	---	---	---	1	0	0	0	0	0	0	0	1	1
N.Dak	---	---	---	---	---	---	---	---	---	1	1	1	2	6	8	5	3	6	4
Okla	---	---	---	---	---	---	---	---	---	---	1	1	2	1	3	5	5	5	12
S.C	---	---	---	---	---	---	---	---	---	---	1	1	1	0	0	0	0	0	0
Tex	---	---	---	---	---	---	---	---	---	---	3	0	0	0	0	0	0	1	3
Ark	---	---	---	---	---	---	---	---	---	---	---	1	2	2	2	0	0	0	2
Fla	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P.R	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hawaii	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total	25	40	64	82	100	163	211	346	459	353	385	468	452	513	627	732	777	837	947

1/ Up to and including 1923, data were collected on July 1. Beginning with 1924, reports were made by calendar years. Since 1925, data are as of January 1.
2/ Had 1 association in 1906; 4 in 1907; 2 in 1908.
3/ Had 3 associations in 1908.
4/ Had 1 association in 1908.
5/ No report.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1929-47, inclusive) 1/

State	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Mich----	94	90	88	69	58	51	46	51	62	69	77	85	89	92	59	61	63	71	93
Maine---	0	5	5	5	4	3	3	7	11	12	13	13	13	13	3	13	15	16	21
N.Y-----	54	51	69	79	74	69	81	96	105	115	129	134	137	137	101	100	95	115	132
Vt------	23	23	28	29	26	27	27	30	36	35	35	39	41	46	38	29	22	30	27
Iowa----	101	101	100	82	60	53	52	54	54	59	66	69	73	78	57	54	45	55	70
Calif---	32	33	31	62	60	52	52	56	59	60	65	64	69	72	60	64	70	78	90
Wis-----	154	142	131	96	78	69	94	95	124	140	154	160	166	178	110	74	68	112	133
Nebr----	23	28	29	26	20	17	14	16	18	16	15	15	17	16	14	11	9	10	10
Colo----	14	15	15	15	15	11	11	9	11	11	13	12	12	12	12	12	15	13	18
Pa------	76	88	88	85	86	83	84	86	91	97	102	107	114	122	118	119	118	117	136
Ohio----	39	38	37	36	31	30	27	32	38	47	54	59	60	63	35	25	35	57	71
Wash----	12	15	12	15	13	10	10	11	10	12	13	13	16	16	16	15	16	31	36
Md------	8	9	13	11	9	11	10	10	14	12	13	14	16	16	8	14	17	21	21
Ill-----	51	59	62	57	53	52	57	63	59	67	72	78	85	87	72	56	58	63	79
Minn----	117	120	96	69	45	36	30	30	35	47	53	56	58	59	42	35	33	42	85
N.H-----	7	7	8	9	9	9	9	9	9	9	9	9	9	9	9	8	9	11	10
Oreg----	14	14	16	16	14	10	9	10	17	16	20	21	24	24	10	6	6	12	22
Utah----	5	8	6	7	1	1	1	2	4	6	9	9	14	14	11	12	12	12	16
Mass----	11	11	13	13	14	11	11	13	13	13	17	18	18	18	10	8	7	6	14
Va------	20	20	20	25	28	25	23	23	24	28	31	31	35	38	32	28	34	37	44
Kans----	20	22	25	18	17	14	13	15	14	13	16	18	20	21	19	15	17	20	21
Ind-----	41	51	37	32	30	30	33	30	37	44	53	59	63	63	46	36	39	49	61
Ky------	8	12	12	8	6	6	6	7	7	14	13	15	14	15	11	13	11	11	18
Mo------	34	36	34	28	29	24	19	21	23	21	22	23	25	27	23	26	24	28	33
N.J-----	18	16	15	17	16	17	18	19	21	23	25	26	27	30	25	22	23	23	26
W.Va----	6	7	9	6	5	6	6	6	6	7	7	7	8	8	8	8	9	10	12
Conn----	3	4	4	2	2	2	8	13	15	15	18	19	20	21	16	16	16	16	18
N.C-----	8	7	7	8	9	7	6	6	8	8	10	11	11	12	9	8	7	6	15
Ia------	2	2	3	2	6	5	4	11	7	3	3	4	5	4	4	1	1	1	4
S.Dak---	14	12	12	7	4	4	3	2	2	2	4	6	7	7	4	3	3	1	3
Nev-----	1	0	0	0	0	0	0	1	0	2	2	2	3	4	4	1	2	3	3
Ariz----	3	4	3	2	2	2	2	2	2	2	4	4	4	4	3	4	6	4	5
R.I-----	1	1	1	2	2	3	3	3	3	4	4	4	4	3	3	1	1	1	1
Del-----	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1	3	3	4
Idaho---	13	13	12	10	5	4	4	6	7	7	8	7	10	13	9	6	9	11	14
Miss----	1	2	3	3	2	1	0	0	0	6	5	7	7	4	2	0	0	0	6
Mont----	8	9	9	8	6	4	4	4	5	5	8	8	7	8	4	4	5	5	8
Tenn----	7	10	10	8	8	6	4	3	6	13	15	16	16	15	15	13	5	6	10
N.Mex---	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1	1	1	3
Wyo-----	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	6
Ala-----	4	7	6	4	3	2	1	0	3	5	6	5	5	1	1	1	1	1	(2)
Ga------	2	1	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	2	4
N.Dak---	7	9	9	5	7	5	4	2	2	2	2	2	3	4	7	5	1	2	0
Okla----	22	25	21	20	15	15	12	13	11	12	10	12	12	11	9	9	6	2	7
S.C-----	1	3	2	0	1	1	1	1	3	4	5	5	5	5	0	0	0	0	0
Tex-----	6	7	5	5	3	2	3	5	9	12	14	14	20	15	6	7	5	3	13
Ark-----	(2)	1	3	(2)	1	0	0	0	2	1	4	4	4	4	2	2	(2)	0	0
Fla-----	1	2	0	0	0	0	0	0	0	2	3	4	6	4	3	3	4	3	(2)
P.R-----	---	---	---	---	---	---	---	---	1	1	1	4	1	(2)	(2)	1	1	1	1
Hawaii--	---	---	---	---	---	---	---	---	---	1	1	1	2	(2)	1	1	1	2	2
Total---	1090	1143	1112	1005	881	793	809	876	992	1106	1228	1300	1383	1421	1057	954	949	1124	1426

1/ Data are as of January 1.
2/ No report.

RELATIVE POSITION OF THE STATES WHEN THE NUMBER OF HERDS ON TEST IS COMPARED WITH THE NUMBER OF HERDS OF 15 COWS OR MORE, ON A PERCENTAGE BASIS, 1942-47

States in which the number of DHIA herds equals 20% or more of the number of herds having 15 cows or more

1942	1943	1944	1945	1946	1947
Utah------107.1	Utah------ 91.6	Utah------ 77.4	Utah------ 67.1	Utah------ 58.2	Utah------ 68.7
Ind------- 32.2	Ind------- 24.7	Pa-------- 21.1	Maine----- 24.7	Maine----- 28.5	Maine----- 33.8
Maine----- 30.3	Va-------- 22.3	Maine----- 20.9	Va-------- 22.6	Va-------- 26.7	Va-------- 32.8
Mich------ 29.4	N.H------- 20.7	Va-------- 20.1	Pa-------- 21.1	Ind------- 23.3	Mich------ 29.9
Va-------- 26.0	Pa-------- 20.6			Mich------ 22.8	Ind------- 27.3
Oreg------ 23.4				Pa-------- 21.3	W.Va------ 26.0
Pa-------- 22.6					Pa-------- 22.8
Ohio------ 22.3					
N. H------ 22.0					
Idaho----- 20.3					
Ill------- 20.3					

States in which the number of DHIA herds equals 15% to 19.9% of the number of herds having 15 cows or more

1942	1943	1944	1945	1946	1947
N.J--------19.2	Mich------ 18.7	N.H--------18.2	Mich------ 19.5	W. Va----- 19.6	Idaho----- 18.8
W. Va----- 18.5	W.Va------ 16.8	Ind------- 18.2	Ind------- 18.5	Ariz------ 17.4	Ohio------ 18.8
N.C-------- 16.9	N.J------- 16.7	Mich------ 17.5	Ariz------ 17.8	N. J------ 15.6	Wash------ 18.3
Conn------ 16.6	Idaho----- 16.3	Ariz------ 17.4	Calif----- 15.7	Wash------ 15.5	Ariz------ 17.8
Calif----- 16.2	Ill------- 15.2		W.Va------ 15.7	Idaho----- 15.0	Oreg------ 17.5
Vt-------- 15.4			N.H------- 15.2		N. H------ 17.0
Iowa------ 15.0					Ill------- 17.0
					Del------- 16.9
					N. H------ 16.1

States in which the number of DHIA herds equals 10% to 14.9% or the number of herds having 15 cows or more

1942	1943	1944	1945	1946	1947
Kans------ 14.9	Conn-------14.3	Calif-----14.6	N.J------- 14.5	Del------- 14.3	Calif----- 14.4
S. C------ 14.7	Calif----- 13.9	N.J------- 14.4	Wash------ 13.8	N. H------ 14.1	Mo-------- 14.3
Nev------- 14.4	Kans------ 13.4	W.Va------ 14.4	Kans------ 13.7	Kans------ 13.9	Md-------- 13.8
Mass------ 13.6	Iowa------ 13.0	Ill------- 12.5	Idaho----- 13.6	Ohio------ 13.8	Mont------ 13.7
Wash------ 13.0	Ohio------ 12.3	Wash------ 12.4	Del------- 13.5	Conn------ 13.6	Conn------ 13.1
Del--------12.1	N. C------ 12.2	Conn------ 12.0	Ohio------ 12.5	Ill------- 13.4	Kans------ 12.8
Ky---------12.0	wash------ 11.9	N. C------ 11.9	Ill------- 12.4	Md-------- 12.9	N. C------ 12.8
Ariz------ 11.7	Vt-------- 11.8	Kans------ 11.6	Conn------ 12.2	Oreg------ 12.6	Iowa------ 12.2
R.I------- 11.7	Ariz------ 11.5		Md-------- 11.2	Calif----- 12.4	Ky-------- 11.1
Mo-------- 11.3	Mo-------- 10.3			Mo-------- 10.8	Nev------- 10.7
Wyo------- 10.4	R. I------ 10.2			Nev------- 10.4	
				Mont------ 10.2	

States in which the number of DHIA herds equals 5% to 9.9% of the number of herds having 15 cows or more

Md	9.8	Mass	9.8	Iowa	9.9	Mo	9.4	Iowa	9.8	Mass	9.6
N.Y	9.4	Nev	8.9	Mo	9.9	N.C	9.4	Vt	8.7	Colo	8.9
Mont	8.9	Oreg	8.8	Idaho	9.9	Iowa	8.4	N.C	7.1	N.Mex	8.9
Wis	8.8	Maine	8.0	Ohio	9.0	Mont	7.5	N.Y	6.8	Minn	8.3
Nebr	7.8	Ky	7.8	Md	8.9	Colo	7.4	Colo	6.2	N.Y	7.8
Tenn	7.7	N.Mex	7.0	Ky	8.4	Nev	6.7	Wis	5.1	Vt	7.7
Colo	7.6	N.Y	6.7	Vt	8.1	Vt	6.5			Wyo	6.6
N.Mex	6.8	Colo	6.2	Mass	7.5	Ky	6.3			Wis	5.8
Ark	6.4	Tenn	6.1	Colo	7.0	N.Y.	6.0				
Minn	5.9	Wis	5.6	N.Y	6.3	Oreg	5.2				
S.Dak	5.8	Nebr	5.6	Del	5.2						
		Del	5.4								

States in which the number of DHIA herds equals less than 5% of the number of herds having 15 cows or more

Okla	4.1	Mont	4.7	Mont	4.9	Mass	4.7	Ky	4.9	Tenn	4.2
Miss	3.5	Md	4.5	Oreg	4.5	Wis	4.4	Mass	4.9	Nebr	4.0
La	3.4	Minn	4.4	Tenn	4.3	R.I	3.7	Minn	4.3	Ga	3.9
Tex	2.8	La	3.4	Wis	3.7	Minn	3.3	R.I.	3.3	R.I	3.5
N.Dak	2.0	N.Dak	2.7	Nebr	3.5	Fla	3.1	Nebr	3.0	Miss	3.0
Ga	1.7	Wyo	2.6	Minn	3.4	Nebr	2.2	Tenn	2.4	S.Dak	2.8
Ala	1.2	S.Dak	2.3	Nev	3.1	Tenn	1.9	N.Mex	1.9	La	2.7
Fla	0	Ala	1.9	R.I	3.1	S.Dak	1.8	Ga	1.5	Tex	2.3
		Miss	1.6	Wyo	2.1	La	1.8	Fla	1.2	Okla	2.3
		Okla	1.5	La	2.0	Okla	1.5	Ala	1.1	Ark	0
		Tex	1.3	Tex	1.7	Ga	1.3	N. Dak	.9	N.Dak	0
		Ga	1.2	Okla	1.7	Ala	1.0	Tex	.7	S.C	0
		Ark	0	S.Dak	1.7	Tex	1.0	La	.6	Ala	(1)
		Fla	0	Ark	1.4	N.Mex	.7	Okla	.4	Fla	(1)
		S.C.	0	Ga	1.3	N.Dak	.2	S.Dak	.2		
				N.Dak	1.2	Ark	0	Ark	0		
				Ala	1.0	Miss	0	Miss	0		
				N.Mex	.9	S.C	0	S.C	0		
				Fla	0	Wyo	0	Wyo	0		
				Miss	0						
				S.C	0						

1/ No report.

GROWTH OF DAIRY-HERD-IMPROVEMENT-ASSOCIATION WORK IN THE UNITED STATES
(1906-47, inclusive)

Year	Associations	Herds on test	Cows on test	Average production of cows on test		
				Milk	Test	Butterfat
	Number	Number	Number	Pounds	Percent	Pounds
1906--------	1	31	239	------	------	215
1907--------	4	---------	1,606	------	------	220
1908--------	6	---------	3,921	------	------	--------
1909--------	25	---------	11,686	------	------	--------
1910--------	40	---------	1/25,000	------	------	--------
1911--------	64	---------	1/40,000	------	------	--------
1912--------	82	---------	1/43,000	------	------	--------
1913--------	100	---------	47,150	------	------	--------
1914--------	163	---------	73,280	------	------	--------
1915--------	211	---------	105,526	------	------	--------
1916--------	346	---------	150,677	------	------	--------
1917--------	459	11,720	216,831	------	------	--------
1918--------	353	9,778	172,518	------	------	--------
1919--------	385	10,000	167,313	------	------	--------
1920--------	468	11,948	203,472	------	------	247
1921--------	452	11,209	193,928	------	------	--------
1922--------2/	513	12,508	215,321	------	------	--------
1923--------	627	16,356	277,010	------	------	--------
1924 2/-----	---------	---------	---------	------	------	--------
1925--------	732	18,677	307,073	------	------	284
1926--------	777	19,540	327,653	7,331	4.0	290
1927--------	837	21,128	362,014	7,411	4.0	293
1928--------	947	23,327	414,891	7,476	4.0	296
1929--------	1,090	26,182	465,804	7,498	4.0	298
1930--------	1,143	27,888	507,549	7,642	4.0	303
1931--------	1,112	26,308	510,714	7,812	3.9	306
1932--------	1,005	20,351	427,044	7,858	3.9	310
1933--------	881	15,447	358,501	7,849	4.0	313
1934--------	793	13,694	325,837	8,015	4.0	322
1935--------	809	15,573	364,218	7,977	4.0	322
1936--------	876	17,344	404,412	7,912	4.0	319
1937--------	992	20,772	496,562	7,923	4.0	320
1938--------	1,106	23,701	558,993	7,831	4.0	317
1939--------	1,228	25,949	625,284	7,977	4.1	323
1940--------	1,300	27,948	676,141	8,133	4.1	331
1941--------	1,383	31,381	763,502	8,225	4.1	335
1942--------	1,421	32,957	816,117	8,323	4.1	339
1943--------	1,057	24,155	616,972	8,325	4.1	338
1944--------	954	20,825	561,587	8,296	4.1	336
1945--------	949	21,254	577,200	8,592	4.0	346
1946--------	1,124	23,331	627,878	------	------	--------
1947--------	1,426	28,812	775,546	------	------	--------

1/ Estimated
2/ Date for collecting data changed in 1924 from July 1 to January 1.

ERDS ON TEST JAN. 1, 1947 COMPARED WITH HERDS ON TEST JAN. 1, 1946, BY STATES

State	Herds on test Jan. 1-- 1946	Herds on test Jan. 1-- 1947	Increase (+) or decrease (-)	
	Number	Number	Number	Percent
. Dak----------	5	70	+65	+1300.0
kla----------	14	75	+61	+435.7
. Mex----------	8	38	+30	+375.0
a----------	9	38	+29	+322.2
ex----------	44	146	+102	+231.8
a----------	19	50	+31	+163.2
y----------	100	229	+129	+129.0
ass----------	142	276	+134	+94.4
inn----------	1,033	2,002	+969	+93.8
. C----------	79	141	+62	+78.5
enn----------	74	130	+56	+75.7
olo----------	109	157	+48	+44.0
reg----------	406	566	+160	+39.4
hio----------	954	1,303	+349	+36.6
ont----------	100	134	+34	+34.0
ebr----------	75	100	+25	+33.3
. Va----------	169	225	+56	+33.1
o----------	425	562	+137	+32.2
ich----------	1,674	2,200	+526	+31.4
ll----------	1,383	1,761	+378	+27.3
daho----------	244	307	+63	+25.8
owa ----------	1,294	1,610	+316	+24.4
a----------	602	738	+136	+22.6
aine----------	375	446	+71	+18.9
ash----------	695	824	+129	+18.6
el----------	71	84	+13	+18.3
tah----------	410	484	+74	+18.0
nd----------	967	1,133	+166	+17.2
alif----------	1,337	1,555	+218	+16.3
. H----------	179	205	+26	+14.5
is----------	2,678	3,058	+380	+14.2
. Y----------	2,311	2,628	+317	+13.7
. J----------	515	561	+46	+8.9
a----------	2,734	2,925	+191	+7.0
d----------	425	454	+29	+6.8
. I----------	16	17	+1	+6.2
ev----------	34	35	+1	+2.9
riz----------	103	105	+2	+1.9
iss----------	0	63	+63	----------
yo----------	0	38	+38	----------
rk----------	0	0	0	0
. C----------	0	0	0	0
awaii----------	5	5	0	0
la----------	10	(1)	(1)	(1)
la----------	8	(1)	(1)	(1)
enn----------	342	329	-13	-3.8
ans----------	458	420	-38	-8.3
t----------	645	571	-74	-11.5
.R.----------	20	14	-6	-30.0
. Dak----------	31	0	-31	-100.0
Total	23,331	28,812	+5,481	+23.5

/ No report.

RELATIVE POSITION OF STATES ACCORDING TO DHIA HERDS ON TEST

1945		1946		1947	
State	Herds Number	State	Herds Number	State	Herds Number
Pa	2,704	Pa	2,734	Wis	3,058
Wis	2,322	Wis	2,678	Pa	2,925
N. Y	2,018	N. Y	2,311	N. Y	2,628
Calif	1,697	Mich	1,674	Mich	2,200
Mich	1,435	Ill	1,383	Minn	2,002
Ill	1,281	Calif	1,337	Ill	1,761
Iowa	1,100	Iowa	1,294	Iowa	1,610
Ohio	868	Minn	1,033	Calif	1,555
Minn	792	Ind	967	Ohio	1,303
Ind	768	Ohio	954	Ind	1,133
Wash	620	Wash	695	Wash	824
Va	509	Vt	645	Va	738
Vt	481	Va	602	Vt	571
N. J	479	N. J	515	Oreg	566
Utah	473	Kans	458	Mo	562
Kans	451	Md	425	N. J	561
Mo	369	Mo	425	Utah	484
Md	368	Utah	410	Md	454
Maine	325	Oreg	406	Maine	446
Conn	307	Maine	375	Kans	420
Idaho	222	Conn	342	Conn	329
N. H	193	Idaho	244	Idaho	307
Oreg	167	N. H	179	Mass	276
Mass	137	W. Va	169	Ky	229
W. Va	136	Mass	142	W. Va	225
Colo	130	Colo	109	N. H	205
Ky	129	Ariz	103	Colo	157
Ariz	105	Ky	100	Tex	146
N. C	104	Mont	100	N. C	141
Mont	73	N. C	79	Mont	134
Del	67	Nebr	75	Tenn	130
Tex	63	Tenn	74	Ariz	105
Tenn	59	Del	71	Nebr	100
Nebr	54	Tex	44	Del	84
Okla	47	Nev	34	Okla	75
S. Dak	46	N. Dak	31	S. Dak	70
Ia	26	P. R	20	Miss	63
P. R	25	Ga	19	Ga	50
Nev	22	R. I	16	Ia	38
Fla	21	Okla	14	Wyo	38
R. I	18	Ala	10	N. Mex	38
Ga	17	Ia	9	Nev	35
Ala	9	N. Mex	8	R. I	17
Hawaii	8	Fla	8	P. R	14
N. Dak	6	S. Dak	5	Hawaii	5
N. Mex	3	Hawaii	5	Ala	(1)
Ark	(1)	Ark	0	Fla	(1)
Miss	0	Miss	0	Ark	0
S. C	0	S. C	0	N. Dak	0
Wyo	0	Wyo	0	S. C	0
U. S	21,254		23,331		28,812

1/No report.

HERDS ON TEST IN DHIA'S COMPARED WITH HERDS OF 15 COWS OR MORE, BY STATES

State	Herds of 15 cows or more (1940 census)	DHIA herds on test Jan.1,1947	Relation of DHIA herds to herds of 15 cows or more	Herds needed for DHIA herds to equal 25% of herds of 15 cows or more
	Number	Number	Percent	Number
Utah-----	705	484	68.7	0
Maine----	1,318	446	33.8	0
Va-------	2,252	738	32.8	0
Mich-----	7,346	2,200	29.9	0
Ind------	4,145	1,133	27.3	0
W.Va-----	864	225	26.0	0
Pa-------	12,821	2,925	22.8	280
Idaho----	1,631	307	18.8	101
Ohio-----	6,919	1,303	18.8	427
Wash-----	4,495	824	18.3	300
Ariz-----	591	105	17.8	43
Oreg-----	3,229	566	17.5	241
N. J-----	3,309	561	17.0	266
Ill------	10,341	1,761	17.0	824
Del------	497	84	16.9	40
N. H-----	1,271	205	16.1	113
Calif----	10,822	1,555	14.4	1,158
Mo-------	3,937	562	14.3	422
Md-------	3,300	454	13.8	371
Mont-----	978	134	13.7	110
Conn-----	2,514	329	13.1	299
Kans-----	3,288	420	12.8	402
D. C-----	1,105	141	12.8	135
Iowa-----	13,170	1,610	12.2	1,682
Ky-------	2,058	229	11.1	285
Nev------	327	35	10.7	47
Mass-----	2,890	276	9.6	446
Colo-----	1,757	157	8.9	282
N. Mex---	429	38	8.9	69
Minn-----	24,001	2,002	8.3	3,998
N. Y-----	33,887	2,628	7.8	5,844
Vt-------	7,443	571	7.7	1,290
Wyo------	578	38	6.6	106
Wis------	52,836	3,058	5.8	10,151
Penn-----	3,062	130	4.2	635
Nebr-----	2,484	100	4.0	521
Ga-------	1,267	50	3.9	267
R. I-----	488	17	3.5	105
Miss-----	2,111	63	3.0	465
S. Dak---	2,534	70	2.8	563
La-------	1,408	38	2.7	314
Tex------	6,439	146	2.3	1,464
Okla-----	3,205	75	2.3	726
Ala------	935	(1)	(1)	(1)
Fla------	682	(1)	(1)	(1)
N. Dak---	3,313	0	0	828
Ark------	934	0	0	233
S. C-----	483	0	0	121
Hawaii---	----------	5	----------	----------
P. R-----	----------	14	----------	----------
U. S---	256,399	28,812		35,288

1/ No report.

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N. J----- E. C. Scheidenhelm, Ext. Service, State College of Agr., New Brunswick.
N. M----- E. E. Anderson, Ext. Service, N. M. College of Agr., State College.
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TENN----- C. A. Hutton, Extension Dairyman, P. O. Box 1071, Knoxville,
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W. VA---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
WIS------ J. E. Stallard, Ext. Dairyman, Room 207 King Hall, Madison 6.
WYO------ Anton Fellhauer, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN JANUARY 1947

Following is a list of 214 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in January 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the ten printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artifical-breeding association the association is listed as the owner.

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AYRSHIRE

	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ASH GROVE PILGRIM 60330	8 dau.	12	7,133	4.1	294
Born, 12-21-38; proved, 1-27-47;----; N. Y.	6 dau.	9	7,213	4.1	295
Sire, 46795; dam, 144045.	6 dams	12	9,197	3.9	359
Owner, Ash Grove Farms, Saratoga Springs.	Dif. (2-5-3)		-1,984	+.2	-64
ATWOOD ORCHARDS HERE'S LUCK 62874	5 dau.	6	7,131	4.1	294
Born, 6-19-39; proved, 1-27-47; alive; N. Y.	5 dams	20	8,795	4.0	355
Sire, 34996; dam, 177794.	Dif. (1-4-1)		-1,664	+.1	-61
Owner, Ralph D. Morgan, Linwood.					
BARGOWER FURTHER PROGRESS 54577	13 dau.	18	7,540	4.0	303
Born, 3-21-32; proved, 1-9-47;----; Mass.	5 dau.	7	7,242	4.0	291
Sire, 30412 CHB.; dam, 20371 CHB.	5 dams	11	9,132	3.8	348
Owner, Alta Crest Farms, Spencer.	Dif. (1-5-1)		-1,890	+.2	-57
HAWKSWOOD'S PATRIARCH 65577	5 dau.	5	7,748	4.0	312
Born, 10-19-40; proved, 1-7-47;----; Mass.	5 dams	15	9,686	4.0	388
Sire, 53305; dam, 166328.	Dif. (0-3-0)		-1,938	.0	-76
Owner, Dana Farm, Fairhaven.					
LIPPITT SPICY LAD 55940	7 dau.	7	8,975	3.9	348
Born, 2-25-37; proved, 1-7-47; dead; N. Y.	7 dams	15	10,897	4.1	447
Sire, 47977; dam, 143916.	Dif. (1-1-0)		-1,922	-.2	-99
Owner, New York State Veteran's Farms, Wilton.					
M C C CHERRAD CANARY, IMP. 62756	14 dau.	18	9,733	4.1	395
Born, 3-6-38; proved, 1-9-47; alive; N. Y.	11 dau.	14	9,235	4.1	380
Sire, 52413; dam, 223100.	11 dams	27	10,125	4.0	406
Owner, Cold Springs Farms, Mooers.	Dif. (5-9-5)		-890	.1	-26

Aryshire	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
OHIO TRUMPETER 59666	9 dau.	15	9,581	4.2	403
Born, 8-2-38; proved, 1-9-47; alive; Ohio.	6 dau.	11	9,710	4.2	408
Sire, 54152; dam, 115469.	6 dams	25	9,896	3.8	375
Owner, Sterlingshire Farm, Orwell.	Dif. (2-6-3)		-186	+.4	+33
PENSHURST BETTER MAN 58788	7 dau.	10	8,845	4.2	373
Born, 3-19-38; proved, 1-28-47; alive; Ohio.	5 dau.	7	9,410	4.4	410
Sire, 43060; dam, 136532.	5 dams	15	8,580	4.4	375
Owner, E. A. Tyler & Son, Pataskala.	Dif. (3-3-3)		+ 830	.0	+35
PENSHURST HIGH BID 59187	11 dau.	19	7,457	4.2	313
Born, 6-11-38; proved 1-9-47;----; Mass.	11 dams	42	8,459	4.1	345
Sire, 43060; dam, 155337.	Dif. (3-9-4)		-1,002	-.1	-32
Owner, Woodlawn Farms, Abington.					
STAR's PACEMAKER 58815	11 dau.	21	8,439	4.3	363
Born, 2-28-38; proved, 1-30-47;----; Ohio.	9 dau.	18	8,501	4.3	366
Sire, 48789; dam, 126532.	9 dams	33	8,129	4.0	329
Owner, Joseph J. McConnell, Wellington.	Dif. (5-8-6)		+372	+.3	+37
STRATHGLASS DELIGHTFUL DOUGLAS 58854	10 dau.	21	8,096	4.4	356
Born, 5-2-38; proved, 1-27-47; dead; Iowa.	10 dams	44	9,457	4.1	384
Sire, 41921 imp.; dam, 133049.	Dif. (2-8-3)		-1,361	+.3	-28
Owner, Howie Lang & Sons, Brooklyn.					
STRATHGLASS GOLD MAJOR 60176	8 dau.	8	8,792	4.1	362
Born, 11-14-38; proved, 1-31-47; dead; N. Y.	7 dau.	7	9,014	4.1	369
Sire, 46984; dam, 182974 imp.	7 dams	13	8,081	4.0	322
Owner, E. I. Hatfield, Hyde Park.	Dif. (4-6-5)		+933	+.1	+47
TOTHILL ROBERT 63368	9 dau.	13	7,623	4.0	302
Born, 11-29-39; proved, 1-27-47;----; Vt.	9 dams	33	7,713	3.9	304
Sire, 58862; dam, 134768.	Dif. (3-5-3)		- 90	+.1	- 2
Owner, Robert C. Follett, North Springfield.					
U NEB CAESAR BERLYNO 55837	6 dau.	10	6,739	4.2	280
Born, 2-22-37; proved, 1-7-47; dead; Nebr.	5 dau.	8	6,605	4.2	276
Sire, 49573; dam, 167817.	5 dams	8	8,737	4.1	355
Owner, Ernest W. Hageman, Ithaca.	Dif. (0-3-0)		-2,132	+.1	-79
BROWN SWISS					
ALERT OF PARKSIDE 36825	9 dau.	17	8,931	4.1	367
Born, 4-5-36; proved, 1-7-47; dead; Wis.	9 dams	32	9,445	4.0	376
Sire, 28488; dam, 17449.	Dif. (4-8-5)		-514	+.1	- 9
Owner, Carlson Brothers, Galesville.					
ALLYNHURST COLLEGIAN 39557	10 dau.	19	10,638	4.0	422
Born, 9-10-37; proved, 1-28-47; dead; Iowa.	10 dams	36	9,636	4.1	394
Sire, 20697; dam, 49892.	Dif. (9-5-7)		+1,002	-.1	+28
Owner, Iowa State College, Ames.					

Brown Swiss	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ALLYNHURST PRETENDER 40489	7 dau.	9	10,136	3.9	392
Born, 8-7-37; proved, 1-15-47;----; Ill.	5 dau.	7	10,542	3.7	393
Sire, 25182; dam, 43851.	5 dams	5	14,502	3.7	534
Owner, Benedale Farm, Lisle.	Dif. (0-4-0)		-3,960	.0	-141
CLEPE'S BUSTER B. B. 45407	5 dau.	5	8,842	4.2	374
Born, 9-24-39; proved, 1-27-47; dead; Minn.	5 dams	11	10,478	3.9	409
Sire, 31073; dam, 27434.	Dif. (1-5-2)		-1,636	+.3	-35
Owner, Charles A. Choate, Winona.					
LAD OF TWIN KNOLLS 36757	6 dau.	11	8,018	4.0	324
Born, 7-15-36; proved, 1-7-47;----; Wis.	6 dams	11	9,888	3.9	388
Sire, 17853; dam, 25790.	Dif. (1-6-2)		1,870	+.1	-64
Owner, John H. Ellefson, Genoa.					
LADY'S MASTER COLLEGE BOY 41553	8 dau.	18	9,875	4.0	394
Born, 9-14-38; proved, 1-7-47;----; Pa.	5 dau.	11	10,240	3.9	397
Sire, 28151; dam, 45535.	5 dams	27	8,805	3.9	346
Owner, Grover Irion, Montoursville.	Dif. (3-3-3)		+1,435	.0	+51
MAIDEN'S ROSE BARON 36149	14 dau.	20	6,662	3.8	252
Born, 7-22-36; proved, 1-7-47;----; Iowa.	11 dau.	15	6,123	3.8	233
Sire, 17460; dam, 35922.	11 dams.	41	7,411	3.9	286
Owner, Harvey Hess, Jr., Waterloo.	Dif. (0-5-2)		-1,288	-.1	-53
MARDELL'S CROWN PRINCE 46396	8 dau.	9	11,094	4.2	461
Born, 8-26-39; proved, 1-13-47;----; Wis.	8 dams	20	10,730	4.2	455
Sire, 38548; dam, 60664.	Dif. (5-4-4)		+ 364	.0	+ 6
Owner, Albert M. Nackers, West De Pere.					
MAY'S BROWN KING DICK 46653	7 dau.	10	9,421	4.2	391
Born, 4-8-39; proved, 1-13-47;----; Iowa.	7 dams	26	9,859	4.0	395
Sire, 33128; dam, 20150.	Dif. (4-5-4)		-438	+.2	- 4
Owner, John F. Zumbach & Son, Ryan.					
PEGGY'S ROYAL OF PINE KNOLL 45126	8 dau.	10	10,050	4.0	401
Born, 6-1-39; proved, 1-15-47;----; Iowa.	8 dams	25	8,988	3.9	353
Sire, 35204; dam, 38993.	Dif. (5-5-7)		+1,062	+.1	+48
Owner, Orville A. Thom, Winthrop.					
PRINCE OF GLENDALE FARM 44338	6 dau.	10	9,534	4.0	382
Born, 5-4-39; proved, 1-27-47;----; Mich.	6 dams	17	10,318	3.9	399
Sire, 29768; dam, 64629.	Dif. (1-5-2)		-784	+.1	-17
Owner, R. J. Barthalomew & Janes, Colon.					
ROYAL'S RANGER OF LEE'S HILL 46048	17 dau.	17	9,863	4.0	393
Born, 9-13-39; proved, 1-30-47;----; Wis.	10 dau.	10	9,188	4.1	379
Sire, 28594; dam, 46794.	10 dams	34	10,891	4.1	441
Owner, Margaret E. Lyon & Sons, Galesville.	Dif. (4-7-4)		-1,703	.0	-62

Brown Swiss	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ROYAL V. B. 47090	11 dau.	13	11,681	3.9	45[illegible]
Born, 8-22-39; proved, 1-8-47;----; Wis.	11 dams	48	11,357	3.7	42[illegible]
Sire, 35122; dam, 55223.	Dif. (5-10-8)		+324	+.2	+3[illegible]
Owner, Voegeli Brothers Estate, Monticello					
SERGEANT MAJOR OF LEE'S HILL 45417	10 dau.	12	11,326	4.2	47[illegible]
Born, 10-11-39; proved, 1-27-47;----; Wis.	10 dams	55	10,342	4.2	43[illegible]
Sire, 35469; dam, 53449.	Dif. (9-6-9)		+984	.0	+4[illegible]
Owner, Willard R. Evans, Waukesha.					
V. B. JACK 44698	13 dau.	17	7,897	3.8	30[illegible]
Born, 12-2-38; proved, 1-15-47;----; Ill.	12 dau.	16	7,739	3.8	29[illegible]
Sire, 35122; dam, 49834.	12 dams	30	8,602	4.0	34[illegible]
Owner, John Schlappi, Winslow.	Dif. (5-4-5)		-863	-.2	-5[illegible]
GUERNSEY.					
ADA'S PRINCE MAXIM 276836	9 dau.	9	7,460	5.1	38[illegible]
Born, 3-3-39; proved, 1-30-47;----; Va.	9 dams	23	6,958	5.0	348
Sire, 155873; dam, 258371.	Dif. (6-5-6)		+502	+.1	+3[illegible]
Owner, George W. Palmer, Green Bay.					
ALEXANDER'S CHIEFTAIN 309653	14 dau.	19	6,814	5.0	34[illegible]
Born, 2-7-40; proved, 1-17-47; dead; Minn.	14 dams	33	6,495	4.7	306
Sire, 209480; dam, 460417.	Dif. (7-9-10)		+319	+.3	+3[illegible]
Owner, M. S. Alexander Lumber Co. Farm, Owatonna					
ALLEN'S SHOW BOY 207627 *4	25 dau.	57	8,101	5.3	42[illegible]
Born, 9-26-32; proved, 1-27-47;----; Wis.	21 dau.	53	7,895	5.4	42[illegible]
Sire, 152102; dam, 259100.	21 dams	70	7,100	4.7	336
Owner, Hoard's Dairyman Farm, Fort Atkinson.	Dif. (13-20-19)		+795	+.7	+9[illegible]
BETH'S GOLDEN KNIGHT 234517 *8	17 dau.	30	6,858	5.0	341
Born, 11-23-35; proved, 1-27-47; alive; Minn.	15 dau.	27	6,607	4.9	326
Sire, 206599; dam, 400778.	15 dams	37	6,785	4.9	33[illegible]
Owner, Minnesota Valley A.B.A.	Dif. (7-9-8)		-178	-.0	-[illegible]
BOURNEDALE BRIAN BORU 277477	7 dau.	8	5,610	5.3	29[illegible]
Born, 2-28-39; proved, 1-30-47;----; Conn.	6 dau.	7	5,440	5.3	291
Sire, 174538; dam, 480669.	6 dams	12	7,455	4.8	35[illegible]
Owner, Gladview Farm, Bethlehem.	Dif. (1-6-2)		-2,015	+.5	-6[illegible]
BUTTERFAT NOBLE KING U-TAH-NA 291737	11 dau.	12	8,409	4.3	36[illegible]
Born, 12-2-38; proved, 1-30-47; dead; Utah.	8 dau.	8	8,895	4.3	387
Sire, 240323; dam, 494377.	8 dams	15	7,475	5.0	37[illegible]
Owner, C. A. Ferrin Farm, Eden.	Dif. (6-1-6)		+1,420	-.7	+1[illegible]
CALDER FARM EXCELSIOR 237763 *10	33 dau.	61	7,475	4.9	369
Born, 10-4-35; proved, 1-15-47; dead; Pa.	32 dau.	59	7,491	4.9	369
Sire, 183013; dam, 292486.	32 dams	146	8,399	4.7	398
Owner, Emory M. Kilgore, Woodbine.	Dif. (8-24-10)		+908	+.2	-2[illegible]

Guernsey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
CLAY HILL MERRY PRINCE 277056	9 dau.	10	8,309	4.8	401
Born, 5-6-39; proved, 1-15-47;----; Mich.	8 dau.	9	8,467	4.8	406
Sire, 227622; dam, 326912.	8 dams	20	8,007	4.9	395
Owner, C. C. Almy & Son, Sixlakes.	Dif. (5-3-4)		+ 460	-.1	+11
EVERGREEN DRIVE FARM JOE 277520	6 dau.	9	6,474	5.1	328
Born, 5-26-37; proved, 1-28-47;----; Wis.	5 dau.	8	6,514	5.0	324
Sire, 223628; dam, 336846.	5 dams	24	7,522	4.4	329
Owner, Frank J. Meyer & Son, Hales Corners.	Dif. (2-5-2)		-1,008	+.6	- 5
FERDINAND OF GREEN MEADOW 286719	7 dau.	11	6,714	4.7	318
Born, 2-6-39; proved, 1-30-47;----; Pa.	5 dau.	8	6,668	4.6	308
Sire, 260135; dam, 514595.	5 dams	19	9,281	4.0	373
Owner, A. A. Ditz, Fryburg.	Dif. (1-5-1)		-2,613	+.6	-65
FLYING HILL ROYAL TROUBADOUR 259088	12 dau.	13	7,821	4.9	381
Born, 1-16-38; proved, 1-3-47;----; Pa.	12 dams	44	8,311	4.7	391
Sire, 223074; dam, 367378.	Dif. (5-8-6)		-490	+.2	-10
Owner, Emory M. Kilgore, Woodbine.					
FOREMOST CONCENTRATE 287977	6 dau.	7	9,747	4.9	475
Born, 11-30-39; proved, 1-30-47; alive; Ohio.	5 dau.	6	10,306	4.9	502
Sire, 229913; dam, 368721.	5 dams	8	10,648	5.0	529
Owner, C. C. Belt, Pickerington.	Dif. (3-2-3)		-342	-.1	-27
GABRIEL'S GENERAL 260790	14 dau.	22	5,953	4.9	293
Born, 3-9-38; proved, 1-15-47;----; Md.	5 dau.	9	6,729	4.8	325
Sire, 237500; dam, 471785.	5 dams	7	6,392	5.0	318
Owner, Mill Dale Farm, New Windsor.	Dif. (2-2-2)		+ 337	-.2	+ 7
GLENBURNIE JESSE LAD 276153	6 dau.	7	8,010	5.3	427
Born, 6-25-39; proved, 1-27-47; dead; N. J.	6 dams	25	8,702	4.5	395
Sire, 262087; dam, 590584.	Dif. (3-6-5)		-692	+.8	+32
Owner, H. S. Baker & Son, Pennington.					
GREEN GABLES ADVANCER 232133 (ADC-528)	10 dau.	16	6,998	5.2	361
Born, 12-21-35; proved, 1-30-47;----; Ill.	7 dau.	11	6,971	5.2	365
Sire, 189889; dam, 415843.	7 dams	19	6,929	5.1	354
Owner, W. B. Hance, Freeport.	Dif. (4-4-5)		+42	+.1	+11
HILL GIRT ARTFUL 277379	8 dau.	11	7,066	4.7	331
Born, 4-19-39; proved, 1-30-47;----; Pa.	7 dau.	10	7,141	4.7	336
Sire, 291971; dam, 309019.	7 dams	31	7,410	4.9	365
Owner, William R. Fox & Sons, Enon Valley.	Dif. (4-2-2)		-269	-.2	-29
LADY SLOGAN'S SAILOR BOLD 276839	12 dau.	15	6,535	5.1	330
Born, 3-24-39; proved, 1-30-47;----; Wis.	12 dams	62	7,044	4.4	308
Sire, 243820; dam, 278632.	Dif. (4-11-8)		-509	+.7	+22
Owner, Winkler Brothers, Burlington.					

Guernsey	Animals (number)	Records averaged	Milk lb.	Test %	F[illegible]
MAIDA'S FERDINAND 280014	7 dau.	12	7,151	5.0	3[illegible]
Born, 2-7-39; proved, 1-30-47;----; Kans.	6 dau.	10	7,352	5.0	3[illegible]
Sire, 217684; dam, 268315.	6 dams	10	7,458	5.1	3[illegible]
Owner, J. F. Marsh, Sparks.	Dif. (3-1-2)		-106	-.1	-[illegible]
MCCULLOUGH'S CYCLONE 198683 *4	29 dau.	65	8,539	4.9	4[illegible]
Born, 2-3-30; proved, 1-15-47;----; Pa.	21 dau.	48	8,352	4.9	4[illegible]
Sire, 111559; dam, 220622.	21 dams	91	9,129	4.8	4[illegible]
Owner, H. K. McCullough, Newville.	Dif. (9-13-10)		-777	+.1	-[illegible]
MCDONALD FARMS ESKIMO 289534	8 dau.	9	6,635	4.5	2[illegible]
Born, 6-9-39; proved, 1-30-47;----; Pa.	8 dams	33	7,087	4.7	3[illegible]
Sire, 212939; dam, 465722.	Dif. (3-2-2)		-452	-.2	-[illegible]
Owner, Norris Farms, Dimock.					
MCDONALD FARMS FREELAND 303546	17 dau.	17	7,692	4.8	3[illegible]
Born, 11-19-40; proved, 1-17-47; alive; Minn.	17 dams	60	6,830	4.7	3[illegible]
Sire, 233983; dam, 397623.	Dif. (12-10-13)		+ 862	+.1	+4
Owner, M. S. Alexander Lumber Co. Farm, Owatonna.					
MULHOCAWAY BUTTERFAT CLARION 281562	6 dau.	8	7,473	5.2	38
Born, 1-6-40; proved, 1-30-47;----; Mich.	6 dams	18	8,525	4.7	4[illegible]
Sire, 240324; dam, 528671.	Dif. (3-6-3)		-1,052	+.5	-1
Owner, Ralph L. Johnson, Constantine.					
RIVERVIEW PREDICTION 288445	9 dau.	9	7,938	4.6	36
Born, 6-26-39; proved, 1-28-47; dead; N. Y.	6 dau.	6	7,964	4.6	36
Sire, 212227; dam, 374862.	6 dams	6	8,670	4.2	36
Owner, H. H. Crumb, Oxford.	Dif. (2-4-2)		-706	+.4	-
SKYLINE CRUSADER 276106	7 dau.	16	8,875	5.2	45
Born, 10-21-38; proved, 1-28-47; alive; Kans.	7 dams	34	9,134	4.8	43
Sire, 190204; dam, 300882.	Dif. (3-6-5)		-259	+.4	+2
Owner, Keith W. Van Horn, Sabetha.					
SUPERIOR OF TAMARACK RIDGE 287004	6 dau.	6	11,371	5.1	58
Born, 3-9-40; proved, 1-27-47; alive; Mich.	5 dau.	5	11,523	5.1	58
Sire, 261670; dam, 501475.	5 dams	11	9,523	4.9	46
Owner, Hudson Brothers, Berrien Center.	Dif. (3-3-3)		+ 2,000	+.2	+11
WELCOME IN COGNIAC 280063	9 dau.	11	7,793	4.8	37
Born, 2-14-39; proved, 1-30-47;----; Ohio.	9 dams	30	7,099	4.6	32
Sire, 252898; dam, 451876.	Dif. (6-7-6)		+ 694	+.2	+4
Owner, W. P. Whittier & W. L. Pierce, Galena.					
HOLSTEIN					
ADMIRAL BURKE HOMESTEAD 796258 *(April 1946)	10 dau.	16	13,892	3.6	49
Born, 11-30-39; proved, 1-31-47; alive; Minn.	10 dams	38	12,107	3.4	41
Sire, 661323; dam, 1509971.	Dif. (7-9-9)		+1,785	+.2	+8
Owner, Southern Minnesota A.B.A.					

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ADMIRAL VICKERY VALE 787560	10 dau.	10	10,891	3.6	390
Born, 12-11-39; proved 1-14-47;----; Wis.	8 dau.	8	11,253	3.6	402
Sire, 781629; dam, 2008907.	8 dams	10	8,718	3.6	318
Owner, Jefferson County Farm, Jefferson.	Dif. (8-4-7)		+2,535	.0	+84
ALCARTRA CARNATION INVINCIBLE 767623	7 dau.	8	11,568	3.4	389
Born, 8-31-38; proved, 1-13-47;----; N. Y.	6 dau.	7	11,753	3.4	397
Sire, 705164; dam, 1819194.	6 dams	11	9,146	3.6	331
Owner, Edith B. Harrison, West Winfield.	Dif. (5-0-4)		+2,607	-.2	+66
ALJOAN INKA MAY HOMESTEAD 767613	9 dau.	10	11,762	3.6	426
Born, 3-24-38; proved, 1-10-47;----; Ill.	9 dams	32	10,177	3.9	392
Sire, 540937; dam, 1054983.	Dif. (6-2-4)		+1,585	-.3	+34
Owner, Bender Brothers, Bartlett.					
ASYLUM FOBES DE KOL 792294	6 dau.	12	10,601	3.8	401
Born, 1-11-39; proved, 1-14-47;----; Wis.	6 dams	25	11,040	3.6	395
Sire, 708576; dam, 1446393.	Dif. (2-4-3)		-439	+.2	+ 6
Owner, Manitowoc County Asylum, Manitowoc.					
BAKER FARM FINANCIER 711100 *8	21 dau.	80	11,655	3.5	414
Born, 5-29-35; proved, 1-9-47; dead; Pa.	21 dams	121	9,710	3.5	343
Sire, 653092; dam, 1435354.	Dif. (18-13-18)		+ 1,945	.0	+71
Owner, Chester L. Rickard, Honesdale.					
BAYNEWOOD MONTY REX 771389	17 dau.	20	12,735	3.4	430
Born, 9-4-38; proved, 1-8-47;----; Mich.	7 dau.	8	12,519	3.4	431
Sire, 737268; dam, 1910368.	7 dams	10	12,421	3.5	431
Owner, Michigan Co-op. A.B.A.	Dif. (4-3-4)		+98	-.1	0
BEAUTY ARTIS PRINCE 752049	5 dau.	6	9,965	3.4	338
Born, 2-15-37; proved, 1-13-47; dead; Kans.	5 dams	20	13,885	3.5	482
Sire, 691711; dam, 1046453.	Dif. (1-2-0)		-3,920	-.1	-144
Owner, M. A. Shultz & Son, Pretty Prairie.					
BELLE BOY NETHERLAND BLANCHE 778021 *10	13 dau.	20	9,851	3.5	343
Born, 8-28-38; proved, 1-9-47; alive, Wis.	12 dau.	19	9,990	3.5	348
Sire, 613227; dam, 1227322.	12 dams	43	10,573	3.3	353
Owner, Friendly Valley A.B.A., Minn.	Dif. (6-9-7)		-583	+.2	- 5
BURTONDALE ROBERT 762286	6 dau.	11	10,689	3.5	369
Born, 2-23-37; proved, 1-13-47;----; Mich.	6 dams	19	9,563	3.5	330
Sire, 678640; dam, 1812627.	Dif. (4-3-5)		+1,126	.0	+39
Owner, Aitkin Farm, Flint.					
BUSHMONT DINGLEDINE 776044	11 dau.	17	9,900	3.6	355
Born, 5-28-38; proved, 1-28-47;----; Pa.	7 dau.	10	9,941	3.6	353
Sire, 702266; dam, 1464110.	7 dams	17	9,860	3.4	335
Owner, Bushmont Farm, Montrose.	Dif. (4-4-4)		+81	.2	+18

Holstein	Animals (number)	Records averaged	Milk lb.	Test %
CARNATION EXCELLENCE 743690	19 dau.	19	10,287	3.5
Born, 1-10-37; proved, 1-31-47; alive; Minn.	8 dau.	8	11,451	3.5
Sire, 677084; dam, 1512352.	8 dams	10	11,525	3.3
Owner, Southern Minnesota A.B.A.	Dif. (5-7-5)		- 74	+.2
CARNATION HOMESTEADER 776732	14 dau.	14	9,826	3.6
Born, 1-25-39; proved, 1-28-47;----; Ill.	14 dams	51	10,978	3.6
Sire, 678142; dam, 1863024.	Dif. (3-12-6)		-1,152	.0
Owner, John Ellsworth, Harvard.				
CARNATION INKA EMPEROR 682072	16 dau.	33	12,604	3.7
Born, 10-27-33; proved, 1-16-47; alive; N.Y.	11 dau.	23	12,456	3.7
Sire, 629472; dam, 1203409.	11 dams	27	11,833	3.5
Owner, Broome-Tioga A.B.A.	Dif. (7-9-9)		+ 623	+.2
CHIEF CREAMELLA SEGIS COLANTHA 797901	10 dau.	21	10,241	3.5
Born, 12-3-38; proved, 1-31-47;----; Va.	10 dams	35	10,578	3.5
Sire, 709889; dam, 1683952.	Dif. (4-5-5)		-337	.0
Owner, L. M. Clingenpeel, Boone Mill.				
CHIEF PIEBE GERBEN COLAN HERO 776443	16 dau.	24	10,030	3.7
Born, 8-14-38; proved, 1-31-47;----; Va.	14 dau.	21	10,010	3.7
Sire, 444088; dam, 1256142.	14 dams	51	11,289	3.6
Owner, G. L. Bowman, Boone Mill.	Dif. (5-10-5)		-1,279	+.1
CHLADEK LADDIE ORMSBY (TWIN) 802460	7 dau.	7	9,492	3.6
Born, 12-17-39; proved, 1-10-47; dead; Minn.	6 dau.	6	9,584	3.6
Sire, 752582; dam, 1631437.	6 dams	15	6,296	3.3
Owner, Melvin Wilker, Ellendale.	Dif. (4-5-5)		+3,288	+.3
COLONY WAYNE ROMEO SIR HEILO 777121	9 dau.	12	12,170	3.4
Born, 8-29-38; proved, 1-28-47;----; Ill.	8 dau.	10	12,345	3.4
Sire, 467933; dam, 256372 CHB.	8 dams	22	14,177	3.5
Owner, Harry M. Wood, Delavan.	Dif. (1-2-0)		-1,832	-.1
CRESCENT LEA SIR OLLIE SEGIS DIXIE 761435	6 dau.	10	9,676	3.5
Born, 8-31-37; proved, 1-9-47;----; N.Y.	6 dams	12	7,958	3.6
Sire, 627861; dam, 1844942.	Dif. (6-3-5)		+1,718	-.1
Owner, Clarence C. House, Avon.				
DAUNTLESS TUTTS DIRECT 658866	13 dau.	16	11,396	3.6
Born, 1-5-39; proved, 1-20-47; alive; Maine.	8 dau.	11	11,182	3.6
Sire, 668530; dam, 1717522.	8 dams	22	10,992	3.4
Owner, Herbert A. Hawes, Union.	Dif. (4-7-5)		+190	+.2
DEEANBEE CARNATION AAGGIE BEN 727716 *8	37 dau.	72	12,162	3.4
Born, 1-3-36; proved, 1-31-47; alive; Utah.	36 dau.	69	12,215	3.4
Sire, 677103; dam, 680028.	36 dams	138	11,668	3.3
Owner, Utah State Hospital, Provo.	Dif. (19-27-24)		+ 547	+.1

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
DEYO HAZELWOOD EMPEROR STAR 753865	8 dau.	16	10,239	3.5	354
Born, 8-22-37; proved, 1-28-47; dead; N. Y.	8 dams	38	11,612	3.3	388
Sire, 715381; dam, 1396894.	Dif. (2-7-2)		-1,373	+.2	-34
Owner, Fred DuBois, New Paltz.					
DICKMONT GREAT POSCH ORMSBY 776372	10 dau.	15	10,834	3.5	374
Born, 12-15-38; proved, 1-20-47; dead; N. J.	9 dau.	14	10,531	3.5	367
Sire, 729449; dam, 1499897.	9 dams	17	11,522	3.5	407
Owner, Mrs. Aldona L. Dickeson, Salem.	Dif. (3-4-3)		-991	.0	-40
DICK ORMSBY OLLIE KING 825490	7 dau.	7	10,654	3.6	388
Born, 1-22-39; proved, 1-31-47; ----; Ind.	5 dau.	5	10,181	3.6	366
Sire, 677545; dam, 2060321.	5 dams	15	11,005	3.7	402
Owner, Glenn L. Reed, Brook.	Dif. (2-2-1)		-824	-.1	-36
DOUGLAS BUTTERCUP HARK 660575 *5	45 dau.	134	11,993	3.7	439
Born, 11-21-31; proved, 1-31-47; dead; Iowa.	43 dau.	132	12,000	3.7	441
Sire, 570501; dam, 582857.	43 dams	182	11,819	3.6	420
Owner, Hansen & Merner, Cedar Falls.	Dif. (19-31-23)		+181	+.1	+21
DUKE DELLA 756406	10 dau.	13	14,279	3.5	495
Born, 12-19-37; proved, 1-31-47; ----; Wis.	7 dau.	8	13,575	3.5	480
Sire, 723901; dam, 1851548.	7 dams	17	12,870	3.7	471
Owner, John Zoberlin, Plymouth.	Dif. (4-3-4)		+705	+.2	+9
DUKE HECTOR POSCH 758272	8 dau.	10	11,596	3.2	373
Born, 8-3-37; proved, 1-20-47; ----; N. Y.	7 dau.	9	11,454	3.3	373
Sire, 661108; dam, 1651609.	7 dams	32	13,376	3.3	446
Owner, Fred Hurlburt, Cobleskill.	Dif. (2-4-1)		-1,922	.0	-73
DUKE ROLO POSCH 758271	9 dau.	11	12,565	3.5	439
Born, 8-1-37; proved, 1-13-47; dead; N. Y.	7 dau.	9	12,446	3.5	440
Sire, 714532; dam, 1748662.	7 dams.	21	12,641	3.6	449
Owner, Sidney L. Smith, Canajoharie.	Dif. (4-3-3)		-195	-.1	- 9
DUKE WILSON POSCH 747241	16 dau.	21	12,179	3.4	416
Born, 2-19-37; proved, 1-16-47; alive; N. Y.	8 dau.	10	12,216	3.3	409
Sire, 661108; dam, 1625666.	8 dams	21	11,159	3.5	394
Owner, Broome-Tioga A.B.A.	Dif. (5-3-4)		+1,057	-.2	+15
DUNLOGGIN LUNCHMASTER (TWIN) 760338	16 dau.	25	11,626	3.4	399
Born, 2-13-38; proved, 1-28-47; ----; Pa.	14 dau.	20	11,424	3.5	397
Sire, 667915; dam, 1453098.	14 dams	45	11,139	3.2	360
Owner, M. B. C. Home Farm, Center Valley.	Dif. (5-13-12)		+ 285	+.3	+37
EDGEHURST CREAMELLE ORMSBY 778819	11 dau.	21	9,921	3.8	375
Born, 3-25-39; proved, 1-31-47; ----; Pa.	10 dau.	19	9,712	3.8	371
Sire, 744576; dam, 1952453.	10 dams	34	10,633	3.4	360
Owner, L. H. Grimm, Honesdale.	Dif. (3-9-5)		-921	+.4	+11

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fa ll
ELDERHILL DUKE MAN-O-WAR 749683	9 dau.	19	11,695	3.3	3
Born, 2-19-37; proved, 1-31-47; dead; Iowa.	9 dams	35	10,833	3.2	3
Sire, 709242; dam, 1693405.	Dif. (6-7-7)		+862	+.1	+
Owner, Ottis Taylor, Delta.					
FAIRVIEW MONTVIC CHIEFTAIN 695644 *9	49 dau.	73	10,026	3.5	3
Born, 12-24-33; proved, 1-16-47; alive; N.Y.	39 dau.	61	10,259	3.5	3
Sire, 95679 CHB.; dam, 224416 CHB.	39 dams	145	10,367	3.4	3
Owner, Broome-Tioga A.B.A.	Dif. (16-30-21)		-108	+.1	+
FANYAN ROYAL KORNDYKE SNOW BLEND 770321 (ADC-645)	18 dau.	23	11,594	3.4	3
Born, 2-20-39; proved, 1-8-47; dead; N.Y.	16 dau.	21	11,493	3.4	3
Sire, 722643; dam, 1942594.	16 dams	54	11,620	3.5	4
Owner, Willard Ross Reynolds & Son, Franklinville	Dif. (9-7-9)		-127	-.1	-
FEMCO SIR BESSIE PATRIARCH 764136	10 dau.	10	9,872	3.7	3
Born, 8-29-38; proved, 1-31-47;----; Mo.	7 dau.	7	9,544	3.6	3
Sire, 629473; dam, 1832438.	7 dams	19	9,256	3.6	3
Owner, Falling Leaf Farm, Columbia.	Dif. (5-4-4)		+ 288	.0	+
FEMCO SIR BESSIE VEEMAN 763173	6 dau.	9	11,811	3.3	3
Born, 4-21-38; proved, 1-31-47;----; Ill.	5 dau.	8	11,859	3.3	3
Sire, 629473; dam, 1501776.	5 dams	19	12,128	3.5	4
Owner, Clarkdale Farm, Barrington.	Dif. (3-2-2)		-269	-.2	-
FERDINAND THE BADGER 838490	6 dau.	6	10,753	3.8	4
Born, 10-10-37; proved, 1-21-47;----; Wis.	6 dams	6	13,527	3.8	5
Sire, 667590; dam, 2277153.	Dif. (0-3-1)		-2,774	.0	-1
Owner, Peter Just, Chilton.					
FREDMAR SNOW KONIGEN 3D 764451	6 dau.	7	12,613	3.8	4
Born, 9-25-38; proved, 1-28-47;----; Mo.	5 dau.	6	12,940	3.8	4
Sire, 743102; dam, 1780763.	5 dams	9	10,002	3.6	3
Owner, Maynard Burns, Rogersville.	Dif. (5-4-5)		+2,938	+.2	+1
FREEHAVEN LADY KING ABEKERK 773353	8 dau.	19	13,335	3.4	4
Born, 6-27-38; proved, 1-20-47;----;	8 dams	17	12,022	3.4	4
Sire, 669878; dam, 1383372.	Dif. (6-3-5)		+1,313	.0	+
Owner, Bellwood Farms, Barrington.					
GENERAL CHALLENGER 815687	12 dau.	13	13,713	3.3	4
Born, 12-21-35; proved, 1-31-47; dead; N.Y.	12 dams	44	13,359	3.3	4
Sire, 680918; dam, 1049363.	Dif. (7-4-4)		+354	.0	+
Owner, Herman Plankenhorn, Hyde Park.					
GLENSPEN LAD POSCH WOODCREST 760771	8 dau.	11	10,447	3.8	3
Born, 1-7-38; proved, 1-31-47; dead; N.Y.	6 dau.	7	10,576	3.7	3
Sire, 658666; dam, 1662071.	6 dams	18	10,438	3.6	3
Owner, Glenn F. Spencer, Forestville.	Dif. (4-4-5)		+138	+.1	+

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
HENGERVELD PRIDE ORMSBY SEGIS 764075	8 dau.	10	12,326	3.5	436
Born, 2-9-38; proved, 1-31-47; dead; N.J.	6 dau.	8	13,279	3.4	457
Sire, 720409; dam, 1568835.	6 dams	18	11,516	3.5	406
Owner, Walter Stelle, Trenton.	Dif. (5-2-5)		+1,763	-.1	+51
HENRY FARM SIR GERBEN PERFECTION 788498	8 dau.	13	13,808	3.6	490
Born, 8-29-39; proved, 1-14-47;----; Kans.	8 dams	39	13,854	3.5	487
Sire, 758411; dam, 1952916.	Dif. (4-5-4)		- 46	+.1	+3
Owner, Harvey Bechtelheimer, Sabetha.					
HIGHPATH BRETON ORMSBY INKA 731048 *9	17 dau.	18	13,647	3.5	479
Born, 7-30-36; proved, 1-7-47;----; Minn.	12 dau.	13	13,551	3.5	474
Sire, 705140; dam, 1639622.	12 dams	29	11,529	3.7	423
Owner, Southern Minnesota A.B A.	Dif. (8-4-8)		+2,022	-.2	+51
HIGHPATH CAP ORMSBY LUNDE 748230 *10	22 dau.	41	10,929	3.6	389
Born, 4-14-37; proved, 1-9-47; alive; Minn.	19 dau.	38	11,131	3.6	398
Sire, 705140; dam, 1639635.	19 dams	41	9,128	3.4	310
Owner, Minnesota Valley A.B.A.	Dif. (14-16-13)		+2,003	+.2	+88
HIGHPATH DAVID CHIEFTAIN PANSY 755603 *10	13 dau.	22	11,307	3.4	388
Born, 1-11-38; proved, 1-9-47; alive; Minn.	11 dau.	20	11,686	3.4	396
Sire, 727087; dam, 1658530.	11 dams	30	10,503	3.6	374
Owner, Minnesota Valley A. B. A.	Dif. (8-4-7)		+1,183	-.2	+22
HOESLY GOVERNOR JOE 776100	12 dau.	12	11,549	3.5	405
Born, 3-16-39; proved, 1-20-47;----; Wis.	6 dau.	6	10,567	3.5	369
Sire, 707706; dam, 1182121.	6 dams	8	11,922	3.5	412
Owner, Marek & Anna Weber, Whitewater.	Dif. (2-4-2)		-1,355	.0	-43
IDAHO HOMESTEAD IVAR 764621	10 dau.	10	14,024	3.4	471
Born, 4-15-38; proved, 1-8-47;----; Utah.	8 dau.	8	13,713	3.3	454
Sire, 610022; dam, 1777997.	8 dams	17	13,758	3.3	449
Owner, LeRoy C. Funk, Richmond.	Dif. (3-4-4)		- 45	.0	+5
ILLIANNA BESSIE OLLIE DENVER 777869	8 dau.	14	12,930	3.4	438
Born, 11-5-38; proved, 1-28-47; dead; Iowa	8 dams	35	13,334	3.5	467
Sire, 742592; dam, 1435039.	Dif. (5-3-4)		-404	-.1	-29
Owner, Alfred M. Paper & Son, Stockton.					
INDIANA CARNATION ALROSA 770840	8 dau.	9	12,800	3.4	431
Born, 2-21-38; proved, 1-13-47;----; Ind.	5 dau.	6	12,564	3.4	421
Sire, 629493; dam, 1496973.	5 dams	10	12,085	3.6	438
Owner, Evansville State Hospital, Evansville.	Dif. (3-0-2)		+ 479	-.2	-17
INDIAN OPENING DENVER CHIEF 755570	14 dau.	17	11,731	3.6	424
Born, 5-9-37; proved, 1-13-47; dead; N.Y.	7 dau.	8	12,043	3.6	435
Sire, 711098; dam, 1316909.	7 dams	14	11,732	3.7	439
Owner, Max H. Frey, Chittenango.	Dif. (5-2-5)		+ 311	-.1	- 4

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
INKARNATION ORMSBY PIETERTJE 759843	18 dau.	18	11,683	3.7	436
Born, 11-8-37; proved 1-13-47; dead; N.Y.	6 dau.	6	12,032	3.6	439
Sire, 625433; dam, 1719162.	6 dams	9	9,701	3.5	343
Owner, John Maxwell, Franklinville.	Dif. (5-3-5)		+2,331	+.1	+96
IODAK PIETERTJE CRUSADER 701254 *5	14 dau.	38	9,922	3.6	355
Born, 6-28-34; proved, 1-28-47;----; Iowa.	14 dams	65	9,198	3.7	342
Sire, [illegible]1119; dam, 1500841.	Dif. (10-3-5)		+724	-.1	+13
Owner, Arthur Gildner, Sumner.					
KALMEYS DEAN WALKER 776084	11 dau.	14	10,538	3.5	371
Born, 9-24-38; proved, 1-20-47; alive; Ky.	8 dau.	10	10,188	3.5	355
Sire, 709614; dam, 1212012.	8 dams	17	11,845	3.2	383
Owner, George Kalmey & Son, Valley Station.	Dif. (2-8-3)		-1,657	+.3	-28
KELCO CHAMPION LAD POSCH 791870	9 dau.	12	13,101	3.5	461
Born, 8-6-39; proved, 1-20-47; dead; N.Y.	9 dams	50	13,344	3.6	486
Sire, 712060; dam, 1287665.	Dif. (5-3-3)		-243	-.1	-25
Owner, James A. Young & Son, Angelica.					
KING BESSIE ORMSBY HAZELWOOD 43D 793409	9 dau.	11	13,812	3.3	458
Born, 10-17-39; proved, 1-14-47; dead; Minn.	7 dau.	9	13,650	3.3	453
Sire, 570499; dam, 1738030.	7 dams	19	12,152	3.4	410
Owner, Langola Holstein Farm, Rice.	Dif. (4-3-5)		+1,498	-.1	+43
KING BESSIE TENSEN GYPSIE (TWIN) 742590 *8	23 dau.	28	13,051	3.5	458
Born, 8-30-36; proved, 1-17-47; alive; Minn.	15 dau.	18	12,608	3.5	435
Sire, 520107; dam, 1560448.	15 dams	28	12,894	3.4	431
Owner, Minnesota Valley A.B.A.	Dif. (6-13-8)		-286	-.1	+2
KING SADIE VALE OF EVENDALE 760045	10 dau.	12	10,723	3.7	400
Born, 1-30-38; proved, 1-20-47;----; Md.	5 dau.	6	10,836	3.7	399
Sire, 722102; dam, 1438948.	5 dams	10	10,661	3.3	353
Owner, R. H. Richardson, Westminster.	Dif. (2-5-3)		+175	+.4	+46
KING SUPERB OF VENTNOR 762100	12 dau.	16	15,794	3.7	580
Born, 7-3-38; proved, 1-8-47;----; Ill.	12 dams	50	15,349	3.2	498
Sire, 666745; dam, 1578581.	Dif. (7-12-10)		+445	+.5	+82
Owner, Mrs. Ira S. Sellon & Sons, Galva.					
KORNDYKE PIEBE ECHO FOBES 763399	7 dau.	10	10,985	3.3	366
Born, 2-1-38; proved, 1-10-47;----; Mich.	6 dau.	9	11,808	3.3	390
Sire, 713555; dam, 1741361.	6 dams	9	10,834	3.4	36[illegible]
Owner, William Birkholz, Lansing.	Dif. (4-3-4)		+974	-.1	+2[illegible]
KORNDYKE PIETERTJE BEETS ORMSBY 823966	6 dau.	6	11,516	3.4	38[illegible]
Born, 7-24-39; proved, 1-31-47;----; Pa.	6 dams	14	9,549	3.5	33[illegible]
Sire, 702043; dam, 1741796.	Dif. (4-2-4)		+1,967	-.1	+5[illegible]
Owner, Bert F. Kennedy, Pleasant Mount.					

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
LAKEFIELD DAIRYMAID KING 778685	13 dau.	23	12,487	3.4	422
Born, 5-25-38; proved, 1-31-47;----; Mich.	12 dau.	21	12,765	3.4	428
Sire, 739928; dam, 1412125.	12 dams	36	12,704	3.3	417
Owner, W. Harry Covert & Son, Leslie.	Dif. (3-9-5)		+61	+.1	+11
LAUXMONT ADMIRAL PICATEE 764089	8 dau.	8	10,641	3.6	378
Born, 6-23-38; proved,1-31-47; ----; Wis.	8 dams	26	9,635	3.3	322
Sire, 696612; dam, 1791075.	Dif. (6-6-6)		+ 1,006	+.3	+56
Owner, Raymond Bast, Rockfield.					
LEAFY LAWN PEERLESS PIETERTJE 753492	6 dau.	10	10,340	3.5	366
Born, 8-23-37; proved, 1-29-47; ----; N.Y.	6 dams	16	9,196	3.6	330
Sire, 729186; dam, 1790975.	Dif. (4-2-2)		+1,144	-.1	+36
Owner, Herbert W. Rood, Canton.					
LOGAN KING COLANTHA INKA MAY 760928	15 dau.	15	11,510	3.5	404
Born, 11-17-37; proved, 1-14-47; ----; Ill.	9 dau.	9	11,334	3.5	400
Sire, 717137; dam, 1812561.	9 dams	10	12,138	3.3	403
Owner, W. S. Morris & Son, Dixon.	Dif. (5-7-5)		-804	+.2	- 3
L S S HOLLYHOCK FINDERNE RALPH 772427	9 dau.	12	10,684	3.5	372
Born, 11-11-38; proved, 1-31-47; ----; N. H.	9 dams	23	10,327	3.6	375
Sire, 726891; dam, 1764837.	Dif. (4-3-5)		+ 357	-.1	- 3
Owner, Rockingham County Farm, Epping.					
LYMARLAN PIEBE KING 757696	6 dau.	13	11,891	3.8	453
Born, 4-26-38; proved, 1-17-47; ----; Mich.	6 dams	16	11,098	3.8	417
Sire, 728043; Dam, 1509705.	Dif. (3-4-3)		+793	.0	+36
Owner, Gilbert Davis, Sandusky.					
MAN-O-WAR AMERICAN BOY 739097 *10	13 dau.	19	12,930	3.8	489
Born, 12-27-36; proved, 1-7-47; ----; Minn.	11 dau.	17	12,799	3.8	483
Sire, 550894; dam, 1504107.	11 dams	21	11,224	3.5	398
Owner, Minnesota Valley A.B.A.	Dif. (8-10-9)		+1,575	+.3	+85
MAN-O-WAR MONARCH 37TH 777897	5 dau.	10	9,181	3.6	329
Born, 11-29-38; proved, 1-29-47; ----; Kans.	5 dams	19	10,985	3.3	366
Sire, 659942; dam, 1620826.	Dif. (2-3-2)		-1,804	+.3	-37
Owner, W. F. Frerking, Herkimer.					
MAN-O-WAR ORMSBY KING DE KOL 760506	6 dau.	7	11,576	3.4	396
Born, 10-13-37; proved, 1-20-47; ----; Minn.	6 dams	21	12,632	3.6	451
Sire 646128; dam, 1608328.	Dif. (4-2-2)		-1,056	-.2	-55
Owner, Gust N. Annexstad & Sons, St. Peter.					
MAN-O-WAR VETERAN 758224	13 dau.	18	13,244	3.3	443
Born, 12-7-37; proved, 1-20-47; dead ; Conn.	13 dams	39	12,113	3.4	413
Sire 695635; dam, 1830141.	Dif. (8-6-7)		+1,131	-.1	+30
Owner, Veteran's Home Commission, Rocky Hill.					

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
MATADOR ECHO BEST 768165	9 dau.	25	9,984	3.5	348
Born, 1-16-38; proved, 1-10-47; ----; Pa.	6 dau.	18	9,321	3.6	338
Sire, 696802; dam, 1735298.	6 dams	19	12,061	3.2	388
Owner, Henry W. Fehl & Son, Canonsburg.	Dif. (1-6-1)		-2,740	+.4	-50
MENDOCINO KING TRIUNE LYONS 763079	43 dau.	68	12,011	3.4	414
Born, 4-29-38; proved, 1-9-47 ; dead ;Calif.	38 dau.	59	11,985	3.4	411
Sire, 714003; dam, 1349458.	38 dams	135	10,072	3.7	371
Owner, Herzog Company, Courtland.	Dif. (32-10-29)		+1,913	-.3	+40
MENDOCINO SIR META 825106	10 dau.	10	10,174	3.9	401
Born, 11-15-40; proved, 1-8-47; alive ;Calif.	10 dams	26	7,559	3.7	283
Sire, 775670; dam, 1928903.	Dif. (9-7-9)		+2,615	+.2	+118
Owner, Sacramento Co-op. A.B.A.					
M F SIR FERN MASTERPIECE 771879	5 dau.	10	13,574	3.5	478
Born, 4-23-38; proved, 1-14-47; ---- ; N.Y.	5 dams	22	13,641	3.5	475
Sire, 710342; dam, 1859424.	Dif. (2-3-2)		-67	.0	+ 3
Owner, H.E. Machold, Ellisburg.					
MILLERS GYPSIE PIEBE INKA 747802	6 dau.	6	11,247	3.3	368
Born, 11-29-36; proved, 1-29-47; ----; Mich.	6 dams	19	10,148	3.5	357
Sire, 716277; dam, 1585474.	Dif. (5-1-4)		+1,099	-.2	+11
Owner, Hehl Brothers, Coopersville.					
M M SIR BESS TOPSY PIEBE 752327	14 dau.	17	11,522	3.4	395
Born, 4-28-37; proved, 1-9-47;----; Wis.	14 dams	45	10,861	3.4	369
Sire, 651734; dam, 1603229.	Dif. (9-7-9)		+661	.0	+26
Owner, Math C. Meulemans, Kaukauna.					
MODEL DAIRY M MERCEDES KING MILO 770860	9 dau.	18	10,723	3.5	370
Born, 2-20-38; proved, 1-13-47;----; N.Y.	9 dams	38	11,975	3.5	414
Sire, 634641; dam, 1615412.	Dif. (3-3-2)		-1,252	.0	-44
Owner, George Ames, De Peyster.					
MONTVIC BONHEUR PRINCE 756713	11 dau.	15	15,986	3.5	566
Born, 9-12-36; proved, 1-13-47;----; Ill.	9 dau.	11	16,619	3.6	594
Sire, 776307; dam, 309005 CHB.	9 dams	17	14,287	3.6	517
Owner, Campton Hills Farm, Wasco.	Dif. (6-4-6)		+2,332	.0	+77
MONTVIC LOCHINVAR 2D 876659	6 dau.	6	13,819	3.5	490
Born, 10-17-40; proved, 1-21-47;alive; Minn.	6 dams	16	11,602	3.0	350
Sire, 129946 CHB.; dam, 408474 CHB.	Dif. (6-6-6)		+2,217	+.5	+140
Owner, Mattson Brothers, New York Mills.					
MONTVIC RAG APPLE GYPSY 800015	8 dau.	12	13,080	3.4	450
Born, 9-6-39; proved,1-16-47;alive; N.Y.	7 dau.	11	12,954	3.4	436
Sire, 115346 CHB.1 dam, 377755 CHB.	7 dams	19	12,704	3.4	428
Owner, Broome-Tioga A.B.A.	Dif. (2-6-3)		+ 250	.0	+8

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
NIEMAN TRITOMIA BESSIE FOBES 763279	6 dau.	10	11,506	3.6	419
Born, 10-15-37; proved, 1-20-47;----; Iowa	5 dau.	8	11,831	3.6	424
Sire, 708578; dam, 1602986.	5 dams	19	10,684	3.7	390
Owner, A. E. Reeve, Tiffen.	Dif. (4-3-4)		+1,147	-.1	+34
N J E S EXCELSIOR ERIS GODFREY 749999	7 dau.	10	10,155	3.4	348
Born, 10-25-37; proved, 1-13-47; dead; N.J.	6 dau.	9	10,888	3.4	369
Sire, 724272; dam, 1813344.	6 dams	17	10,990	3.6	397
Owner, Cumberland County Farm, Bridgeton.	Dif. (4-1-3)		-102	-.2	-28
DOSTIE PREMIER DESIGN 787934	9 dau.	9	14,868	3.4	510
Born, 8-21-39; proved, 1-14-47;----; Wis.	9 dams	40	12,809	3.5	446
Sire, 725856; dam, 1565207.	Dif. (8-4-8)		+2,059	-.1	+64
Owner, H. Otto Elmer, Monticello.					
ORMSBY DIRECT SUCCESSOR 758964	20 dau.	33	10,025	3.6	358
Born, 12-12-37; proved, 1-8-47;----; Wis.	7 dau.	9	10,176	3.5	355
Sire, 553013; dam, 1481767.	7 dams	11	10,836	3.3	361
Owner, Wisconsin Ind. Home for Women, Taycheedah.	Dif. (2-4-2)		-660	+.2	- 6
ORMSBY FAYNE MERCEDES PONTIAC 752039	13 dau.	19	11,144	3.6	399
Born, 4-10-37; proved, 1-29-47; dead; N.Y.	12 dau.	18	11,261	3.6	402
Sire, 714051; dam, 1585901.	12 dams	59	11,450	3.8	431
Owner, Harry E. Underwood, Little York.	Dif. (7-5-6)		-189	-.2	-29
ORMSBY PARTHENEA BEK 789553	6 dau.	6	14,227	3.4	490
Born, 1-11-40; proved, 1-29-47;dead; Iowa	5 dau.	5	14,136	3.5	493
Sire, 740079; dam, 2082032.	5 dams	19	11,048	3.6	400
Owner, Arthur Gildner, Sumner.	Dif. (5-2-5)		+3,088	-.1	+93
ORMSBY SENSATION CREAMELIA PIEBE 767895 *10	22 dau.	30	12,242	3.3	405
Born, 2-20-38; proved, 1-31-47;----; Va.	18 dau.	25	12,342	3.3	404
Sire, 685855; dam, 1898116.	18 dams	54	9,512	3.5	329
Owner, G.C. Flora, Jr., Rocky Mount.	Dif. (16-6-14)		+2,830	-.2	+75
ORMSBY YERKES SEGIS 760221	7 dau.	21	8,912	3.6	323
Born, 12-27-34; proved, 1-20-47;----; Pa.	7 dams	34	9,824	3.6	350
Sire, 672761; dam, 1526274.	Dif. (1-5-2)		-912	.0	-27
Owner, L. Myrtle & Virginia B. Waddle, Saltsburgh.					
PAULFAY PRENTISS 753875	6 dau.	8	10,823	3.4	368
Born, 2-25-37; proved, 1-17-47;----; Maine.	6 dams	11	9,696	3.5	344
Sire, 656200; dam, 1608636.	Dif. (4-1-4)		+1,127	-.1	+24
Owner, A. Ray Thompson, Prentiss.					
PAUL MERCEDES CHESTVIEW 757725	11 dau.	14	13,335	3.5	466
Born, 10-21-37; proved, 1-9-47; dead; N.Y.	5 dau.	6	12,888	3.5	448
Sire, 111652 CHB.; dam, 202986 CHB.	5 dams	9	13,614	3.4	468
Owner, Edward A. Rees & Son, Fillmore.	Dif. (2-3-2)		-726	+.1	-20

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
PEBBLE BEACH CHIEFTAIN DOLLY 771160	15 dau.	19	11,687	4.1	479
Born, 11-1-38; proved,k 1-10-47; alive; N.Y.	14 dau.	18	11,585	4.1	471
Sire, 695631; dam, 1935472.	14 dams	56	11,337	3.3	372
Owner, Henry M. Jones, Deansboro.	Dif. (7-14-14)		+248	+.8	+99
PENSTATE ORMSBY BARBARA INKA 760464	21 dau.	43	13,082	3.5	463
Born, 5-12-38; proved, 1-28-47;----; Pa.	21 dams	85	11,987	3.3	396
Sire, 706753; dam, 1575445.	Dif. (14-18-17)		+1,095	+.2	+67
Owner, Berwick Creamery Farm, Nescopeck.					
PETE ORMSBY HOMESTEAD 827614	6 dau.	8	10,617	3.6	378
Born, 11-25-39; proved, 1-29-47;----; Wis.	6 dams	16	11,943	3.7	443
Sire, 763259; dam, 2240818.	Dif. (1-2-1)		-1,326	-.1	-65
Owner, Walter Schaller, Limeridge.					
PIEBE HOMESTEAD SKYLARK ORMSBY 751048	9 dau.	19	8,733	3.5	310
Born, 7-2-37; proved, 1-27-47;----; Pa.	9 dams	48	10,001	3.6	361
Sire, 704808; dam, 1775904.	Dif. (4-5-2)		-1,268	-.1	-51
Owner, W. T. Kostenbader, Lewisburg.					
PRINCE CYRIL POSCH 746120	12 dau.	19	14,106	3.7	523
Born, 7-26-37; proved, 1-17-47;----; N.Y.	9 dau.	14	13,833	3.8	520
Sire, 696635; dam, 1807351.	9 dams	14	11,843	3.9	457
Owner, Harry McMindes, Jasper.	Dif. (8-2-7)		+1,990	-.1	+63
PRINCE MONCADER DELL HEILO 752797	18 dau.	21	14,272	3.5	493
Born, 12-4-37; proved, 1-28-47;----; Wis.	18 dams	80	10,718	3.5	374
Sire, 715466; dam, 1735717.	Dif. (16-11-16)		+3,554	.0	+119
Owner, Theodore N. Thompson, Barneveld.					
PRINCE RENOWN POSCH 771664	13 dau.	20	13,353	3.6	477
Born, 9-19-38; proved, 1-14-47; dead; N.Y.	12 dau.	19	13,420	3.6	481
Sire, 730362; dam, 1748661	12 dams	36	13,240	3.7	492
Owner, Frank D. Davy, Fort Plain.	Dif. (4-4-4)		+ 180	-.1	-11
PRINCE WALDORF HARTOG 750149	12 dau.	17	12,200	3.4	412
Born, 10-18-37; proved, 1-31-47;----; Ill.	6 dau.	7	12,364	3.4	424
Sire, 654019; dam, 1727719.	6 dams	12	11,060	3.4	372
Owner, Louis Holm, Mokena.	Dif. (4-3-4)		+1,304	.0	+52
PRINCE WESLEY POSCH (TWIN) 701962 *9	15 dau.	34	12,831	3.7	472
Born, 12-6-34; proved, 1-16-47;----; N.Y.	15 dams	49	12,871	3.6	466
Sire, 668341; dam, 1302355.	Dif. (8-10-9)		-40	+.1	+6
Owner, Fred W. Handy & Sons, East Aurora.					
R M F LOUIS KORNDYKE POSCH 789480	12 dau.	20	14,075	3.5	487
Born, 1-28-39; proved, 1-31-47; dead; N.Y.	12 dams	52	14,135	3.4	480
Sire, 709809; dam, 1280590.	Dif. (7-8-6)		-60	+.1	+7
Owner, Machold Farms, Ellisburg.					

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ROBENS FARMS COLANTHA ORMSBY 788673	7 dau.	8	10,192	3.4	350
Born, 5-30-39; proved, 1-14-47; dead; N.Y.	7 dams	14	11,954	3.4	411
Sire, 659263; dam, 1013724.	Dif. (1-4-1)		-1,762	.0	-61
Owner, John Rienhardt, Syracuse.					
ROCKYFORD POSCH SIR BOON 790816	12 dau.	17	7,590	3.5	269
Born, 6-7-39; proved, 1-14-47;----; Ill.	9 dau.	13	7,734	3.5	273
Sire, 677988; dam, 1740260.	9 dams	20	8,996	3.4	302
Owner, Bern J. Gebke, Jr., Bartelso.	Dif. (3-7-5)		-1,262	+.1	-29
ROLLING KNOLL LUCIFER MATADOR 764527	7 dau.	11	10,125	3.5	351
Born, 4-12-38; proved, 1-29-47;----; Va.	6 dau.	10	9,873	3.4	340
Sire, 730361; dam, 1405160.	6 dams	16	9,372	3.4	319
Owner, R. E. McComb, Purcellville.	Dif. (5-5-5)		+501	.0	+21
ROSNI VEEMAN VALE BESS BURKE 2D 782789	5 dau.	6	10,760	3.6	383
Born, 2-23-39; proved, 1-31-47;----; Va.	5 dams	22	9,056	3.4	310
Sire, 722301; dam, 1841505.	Dif. (4-3-4)		+1,704	.2	+73
Owner, G. C. Flora, Jr., Rocky Mount.					
SEQUOIL HEIL QUALITY 769583	9 dau.	10	17,698	3.2	572
Born, 4-8-38; proved, 1-13-47;----; Calif.	9 dams	38	18,004	3.2	584
Sire, 610442; dam, 1675406.	Dif. (3-4-3)		-306	.0	-12
Owner, Gerald W. Heil, El Nido.					
SHESHEQUIN STAR CHIEFTAIN 788288	16 dau.	17	11,381	3.5	401
Born, 8-2-39; proved, 1-14-47; dead; N.Y.	12 dau.	13	11,471	3.5	407
Sire, 731075; dam, 1590088.	12 dams	32	11,100	3.7	411
Owner, L. D. Van Epps, Middlesex.	Dif. (7-5-5)		+371	-.2	- 4
SILVERLEA CROWN SIR ORMSBY POSCH 820769*	11 dau.	15	13,088	4.0	527
(May 1946)	11 dams	47	12,669	3.9	492
Born, 10-24-40; proved, 1-21-47; alive; Mich.	Dif. (5-8-7)		+ 419	+.1	+35
Sire, 704308; dam, 1858707.					
Owner, Lloyd A. Gaskill, Hastings.					
SIR LOTHIAN DESIGN 784778	13 dau.	22	14,863	3.4	499
Born, 10-2-39; proved, 1-16-47;----; N.J.	13 dams	52	13,237	3.4	450
Sire, 738106; dam, 1671800.	Dif. (10-5-9)		+1,626	.0	+49
Owner, Benton Farm, Columbia					
SIR MONCADE BESSIE WHITE FLASH 776048	15 dau.	19	11,803	3.5	415
Born, 11-28-38; proved, 1-28-47;----; Pa.	13 dau.	17	11,862	3.5	419
Sire, 730068;dam, 1867665.	13 dams	40	13,183	3.6	475
Owner, J. Paul Wrightstone,Jr.,Camp Hill.	Dif. (5-6-5)		-1,321	-.1	-56
SIR TRIUNE HEILO SUPREME AAGGIE 764288	7 dau.	14	13,275	3.1	416
Borne, 11-19-37; proved, 1-31-47;----;Ohio	5 dau.	10	13,813	3.2	441
Sire, 598493; dam, 1466031.	5 dams	7	13,326	3.2	427
Owner, Roy C. Stephenson, Lockland.	Dif. (3-3-3)		+ 487	.0	+14

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
SLEEPY HOLLOW BARNEY INKA BEAUTY 712061	29 dau.	28	12,851	3.3	42
Born, 11-11-34; proved, 1-31-47; dead; Utah	13 dau.	17	12,420	3.3	41
Sire, 495725; dam, 1513273.	13 dams	38	11,736	3.4	39
Owner, Utah State Hospital, Provo.	Dif. (9-7-7)		+684	-.1	+1
S P S M JOHANNA SIR FAYNE 763405	13 dau.	13	9,535	3.5	33
Born, 7-31-38; proved, 1-20-47; ----; Mich.	11 dau.	11	9,740	3.5	34
Sire, 602923; dam, 1352986.	11 dams	21	9,451	3.4	32
Owner, Miller's Dairy Farm, Eaton Rapids.	Dif. (7-8-7)		+289	+.1	+2
STORRS ORMSBY MATCHLESS 753876	9 dau.	13	10,494	3.2	33
Born, 4-21-37; proved, 1-29-47; ----; Conn.	7 dau.	9	9,916	3.2	31
Sire, 636559; dam, 1444585.	17 dams	20	12,545	3.5	44
Owner, Long Lane School, Middletown.	Dif. (0-1-0)		-2,629	-.3	-12
TIETJE INKA MAT 777205	5 dau.	9	10,346	3.3	33
Born, 8-13-38; proved, 1-20-47; ----; N.Y.	5 dams	20	11,070	3.5	38
Sire, 642251; dam, 1118835.	Dif. (3-2-2)		-724	-.2	-4
Owner, Ira & C. M. Putman, Johnstown.					
TILFA COLANTHA MERCEDES 787778	7 dau.	12	9,861	3.8	37
Born, 5-18-39; proved, 1-20-47; ----; Minn.	6 dau.	11	9,311	3.9	35
Sire, 759393; dam, 1635871.	6 dams	15	11,401	3.4	39
Owner, Herbert Leet, Fairmont.	Dif. (0-6-0)		-2,090	+.5	-3
TOP NOTCH SUPERIOR ORMSBY 727119 *8	22 dau.	54	11,652	3.4	40
Born, 6-30-36; proved, 1-9-47; dead; Calif.	20 dau.	48	11,364	3.4	39
Sire, 672454; dam, 1455775.	20 dams	74	9,653	3.6	34
Owner, Herzog Company, Courtland.	Dif. (18-5-16)		+1,911	-.2	+4
VALESIDE PRINCE DE KIL VICTOR 824121	5 dau.	5	14,998	3.5	52
Born, 1-29-41; proved, 1-31-47; dead; N.Y.	5 dams	11	14,199	3.6	51
Sire, 771664; dam, 1817434.	Dif. (2-1-2)		+799	-.1	+
Owner, Edwin S. Hopson & Son, Dolgeville.					
VICKERY VALE KING 768821 *10	14 dau.	25	13,276	3.6	48
Born, 2-27-37; proved, 1-7-47; ----; Wis.	14 dams	64	11,379	3.5	40
Sire, 731747; dam, 2008907.	Dif. (10-11-12)		+1,897	+.1	+8
Owner, Glover Farms, Fort Atkinson.					
V P I BESS BURKE HARARI KING 705215 *8	35 dau.	61	11,025	3.6	39
Born, 8-14-34; proved, 1-8-47; ----; Va.	32 dau.	54	11,225	3.5	39
Sire, 375366; dam, 1211347.	32 dams	121	9,198	3.7	34
Owner, W. M. Sanders, Bluefield.	Dif. (24-12-22)		+2,027	-.2	+6
WAIT FARM POSCH PRIDE 769567	8 dau.	13	13,382	3.6	47
Born, 1-1-39; proved, 1-31-47; ----; N.Y.	7 dau.	12	13,505	3.6	48
Sire, 740581; dam, 1541956.	7 dams	24	12,566	3.7	46
Owner, R. C. Frazee, Fabius.	Dif. (5-2-4)		+939	-.1	+2

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
WALKER SEGIS VEEMAN BURKE 764306	10 dau.	18	11,047	3.5	388
Born, 2-9-38; proved, 1-13-47; dead; N.Y.	10 dams	25	12,317	3.4	419
Sire, 690280; dam, 1888665.	Dif. (2-7-3)		-1,270	+.1	-31
Owner, Lynn A. Head & Sons, Waterville.					
WEBER BURKE PERFECTION 757597 *10	18 dau.	32	13,049	3.6	473
Born, 5-23-37; proved, 1-27-47; alive; Utah	15 dau.	27	12,934	3.6	467
Sire, 697789; dam, 1575421.	15 dams	40	11,826	3.5	409
Owner, Leon D. Gardner, Deweyville.	Dif. (10-11-12)		+1,108	+.1	+58
WHITE HOPE KORNDYKE SEGIS 765936	9 dau.	13	10,339	3.1	323
Born, 12-10-37; proved, 1-8-47; dead; Wis.	8 dau.	11	10,329	3.2	327
Sire, 706709; dam, 1060877.	8 dams	20	11,696	3.5	409
Owner, Hubert Wippermann, Cleveland.	Dif. (3-1-1)		-1,367	-.3	-82
WIMBLEDON INKA CHIEFTAIN 673095 *10	49 dau.	142	11,822	3.5	415
Born, 11-19-32; proved, 1-16-47; alive; N.Y.	46 dau.	137	11,767	3.5	414
Sire, 647922; dam, 1512344.	46 dams	242	10,974	3.3	364
Owner, Broome-Tioga A.B.A.	Dif. (35-43-35)		+ 793	+.2	+50
WIMBLEDON OLLIE EMPEROR 750270	8 dau.	8	13,227	3.6	481
Born, 4-5-37; proved, 1-8-47; alive; Iowa.	6 dau.	6	13,901	3.6	499
Sire, 671030; dam, 1383819.	6 dau.	8	12,872	3.6	458
Owner, De Jong Brothers Company, Orange City	Dif. (4-3-4)		+1,029	.0	+41
WISCONSIN RAG APPLE DELLA 751389	9 dau.	18	10,754	3.4	369
Born, 12-13-36; proved, 1-8-47; dead; Wis.	9 dams	47	12,088	3.7	447
Sire, 705209; dam, 1588245.	Dif. (2-0-1)		-1,334	-.3	-78
Owner, John Kroehler & Albert Kuenzi, Richfield.					
W I S ORMSBY LAIRD 758057	13 dau.	21	13,541	3.7	503
Born, 8-13-37; proved, 1-17-47; alive; W. Va.	9 dau.	16	13,764	3.7	512
Sire, 553411; dam, 1216230.	9 dams	23	12,358	3.5	431
Owner, E. Bartow Jones, Point Pleasant.	Dif. (7-8-7)		+1,406	+.2	+81
YPSI PONTIAC BARNEY ORMSBY 762956	8 dau.	12	12,803	3.3	419
Born, 11-26-37; proved, 1-20-47; ----; Mich.	7 dau.	10	12,629	3.2	410
Sire, 675056; dam, 1760849.	7 dams	20	12,820	3.2	416
Owner, Frank F. Geiger, South Lyons	Dif. (3-4-4)		-191	.0	- 6
JERSEY					
ADA'S GIPSY GAMBOGE 392175	7 dau.	13	7,095	5.4	382
Born, 9-12-37; proved, 1-31-47; ----; Ill.	7 dams	17	7,128	5.5	389
Sire, 321690; dam, 886572.	Dif. (4-4-3)		- 33	-.1	- 7
Owner, C. Leslie James, Mansfield.					
ADELPHA'S RULER 393527	19 dau.	34	5,278	5.2	275
Born, 9-10-37; proved, 1-31-47; ----; N.Y.	13 dau.	20	4,786	5.1	243
Sire, 370704; dam, 1015587.	13 dams	34	6,063	4.9	299
Owner, Charles M. Woods, Stockton.	Dif. (1-10-2)		-1,277	+.2	-56

Jersey	Animals (number)	Records averaged	Milk lb.	Test %	Fa lb
BLONDE VOLUNTEER CHIEF 427423	5 dau.	5	7,441	5.7	42
Born, 12-19-40; proved, 1-31-47; ----; Ill.	5 dams	13	8,564	5.2	41
Sire, 338024; dam, 1236427.	Dif. (2-4-2)		-1,123	+.5	-2
Owner, J. H. McCutcheon, Springfield.					
BRAMPTON BRAE DESIGN 418169	10 dau.	11	6,792	5.5	37
Born, 11-8-38; proved, 1-28-47; alive; Iowa.	8 dau.	9	7,197	5.5	39
Sire, 51067 CJCC; dam, 53782 CJCC.	8 dams	28	7,846	5.2	40
Owner, Lyon Brothers, Toledo.	Dif. (4-7-5)		-649	+.3	-1
CESAREE'S FAMOUS DREAMER 402161	6 dau.	8	7,364	5.2	38
Born, 7-7-39; proved, 1-31-47; ----; Pa.	6 dams	17	5,852	4.9	28
Sire, 389486; dam, 795227.	Dif. (4-4-4)		+1,512	+.3	+9
Owner, Charles W. Shrum, Jeannette.					
COME SON VOLUNTEER DUKE 395294	15 dau.	25	8,929	5.4	48
Born, 2-20-37; proved, 1-29-47; alive; Idaho.	13 dau.	22	8,801	5.4	47
Sire, 292917; dam, 839594.	13 dams	38	7,536	5.1	38
Owner, Everett S. Pease, Parma.	Dif. (9-9-12)		+1,265	+.3	+8
COWSLIP'S STAR GAMBOGE 395721	11 dau.	11	5,748	5.4	30
Born, 12-2-37; proved, 1-29-47; ----; Pa.	7 dau.	7	6,115	5.3	32
Sire, 332615; dam, 942129.	7 dams	8	6,563	5.9	38
Owner, Water Brooks Farm, Schellsburg.	Dif. (4-2-3)		-448	-.6	-6
GOLDEN BLONDE VISCOUNT 402236	11 dau.	18	8,811	5.1	45
Born, 8-1-38; proved, 1-10-47; dead; Wash.	10 dau.	16	8,884	5.1	45
Sire, 337055; dam, 959474.	10 dams	57	7,835	5.7	44
Owner, Charles H.Wivell Dairies,Inc.,Shelton	Dif. (8-1-4)		+1,049	-.6	+1
HILLACRES PRINCE G 405243	14 dau.	22	6,062	6.4	38
Born, 11-10-38; proved, 1-31-47; ----; Pa.	13 dau.	21	6,026	6.4	38
Sire, 362320; dam, 708983.	13 dams	73	7,219	5.8	41
Owner, Harlan S. Gatchell, Peach Bottom.	Dif. (1-13-3)		-1,193	+.6	-3
LES COTILS PALFAS SULTAN 403036	8 dau.	12	8,277	5.6	46
Born, 4-12-38; proved, 1-10-47; ----; Ill.	7 dau.	11	8,093	5.6	45
Sire, 360464; dam, 998642.	7 dams	28	8,873	5.5	49
Owner, Austin Cole, Chester.	Dif. (2-4-2)		-780	+.1	-3
MAMIE'S FOREMOST 402519	5 dau.	9	7,074	5.0	35
Born, 1-5-38; proved, 1-31-47; ----; Mich.	5 dams	15	8,651	5.3	45
Sire, 396957; dam, 1009849.	Dif. (2-2-2)		-1,577	-.3	-9
Owner, King Serviss, Owosso.					
MARY'S SYBIL QUALITY 402748	5 dau.	8	8,104	5.1	41
Born, 8-18-38; proved, 1-31-47; ----; Vt.	5 dams	23	6,433	5.0	32
Sire, 340710; dam, 1130687.	Dif. (5-4-5)		+1,671	+.1	+9
Owner, Seth E. Perry & Son, South Pomfret.					

Jersey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
MOUSIE FAUVIC LAD 402368	6 dau.	9	5,125	5.8	295
Born, 12-1-38; proved, 1-8-47; ----; Ill.	5 dau.	7	4,893	5.6	275
Sire, 346835; dam, 1108912.	5 dams	26	5,965	5.3	317
Owner, Erwin Taake, Valmeyer.	Dif. (1-4-2)		-1,072	+.3	-42
OAKLANDS TINY TIM 402410	14 dau.	23	7,968	5.1	409
Born, 10-13-37; proved, 1-29,47; alive; W. Va.	8 dau.	13	7,556	5.1	386
Sire, 215418; dam, 845068.	8 dams	15	7,341	4.9	362
Owner, C. Albert Woodworth, Hurricane.	Dif. (5-3-5)		+215	+.2	+24
OBSERVER PROSPERITY 393768	6 dau.	6	6,866	5.3	364
Born, 5-24-37; proved, 1-8-47; ----; Ala.	6 dams	9	7,442	5.2	383
Sire, 286987; dam, 973885.	Dif. (1-4-2)		-576	+.1	-19
Owner, Alabama Polytechnic Institute, Auburn.					
OXFORD EMINENT LEDA 395184	6 dau.	9	7,203	5.2	373
Born, 11-15-37; proved, 1-31-47; ----; Mich.	6 dams	13	8,398	4.9	414
Sire, 375761; dam, 913456.	Dif. (2-4-1)		-1,195	+.3	-41
Owner, Andrew Heisler, Olivet.					
PALATINE DELIGHT POGIS 403946	8 dau.	11	8,878	5.2	465
Born, 10-13-38; proved, 1-10-47; ----; Maine.	7 dau.	9	8,716	5.2	457
Sire, 369760; dam, 871762.	7 dams	16	7,566	5.5	414
Owner, Thomas A. Maines, Windsorville.	Dif. (6-1-6)		+1,150	-.3	+43
POGIS VICTOR PRINCE NOBLE 397993	10 dau.	14	7,553	5.8	438
Born, 7-8-38; proved, 1-10-47; ----; Conn.	8 dau.	10	7,540	5.7	426
Sire, 280424; dam, 1100733.	8 dams	23	8,734	5.0	436
Owner, W.C. & N.H. Tucker, West Cheshire.	Dif. (2-7-5)		-1,194	+.7	-10
ROSEDALE OWL BONNIE 403321	13 dau.	15	7,407	5.1	381
Born, 5-6-39; proved, 1-8-47; dead; Iowa.	6 dau.	8	7,250	5.3	384
Sire, 298411; dam, 1093965.	6 dams	17	6,443	5.5	352
Owner, Edgar McDonough, West Union.	Dif. (5-3-5)		+ 807	-.2	+32
SIGNAL HAPPY DESIGN 404289	7 dau.	7	6,866	5.2	359
Born, 9-5-39; proved, 1-31-47; ----; Mo.	7 dams	17	6,924	5.5	378
Sire, 342991; dam, 1129770.	Dif. (4-2-3)		-58	-.3	-19
Owner, Paul V. Slusher, Lexington.					
SOEUREITE'S SENATOR 392486	12 dau.	12	7,182	5.5	395
Born, 11-18-36; proved, 1-31-47; ----; Pa.	10 dau.	10	7,406	5.5	410
Sire, 353766; dam, 1007673.	10 dams	24	6,750	5.4	365
Owner, Stanley A. Koontz, Beford.	Dif. (6-7-6)		+656	+.1	+45
STANFIELD CORRIGAN 393341	13 dau.	18	6,239	5.0	309
Born, 12-11-37; proved, 1-8-47; ----; Tex.	11 dau.	16	6,217	4.9	304
Sire, 370495; dam, 1141235.	11 dams	34	6,980	4.9	344
Owner, Stanfield Jersey Farm, San Antonio.	Dif. (3-7-2)		-763	.0	-40

Jersey	Animals (number)	Records averaged	Milk lb.	Test %	Fa lb
STAR EXPERIMENTER 360716	8 dau.	10	8,225	5.2	42
Born, 4-3-34; proved, 1-31-47; ----; Tex.	5 dau.	6	8,759	5.3	46
Sire, 348892; dam, 941646.	5 dams	12	8,880	5.1	45
Owner, F. & M. Jersey Ranch, Houston.	Dif. (2-4-2)		-121	+.2	+1
STICKLEPATH PALATINE OWL 402784	8 dau.	10	5,062	5.4	27
Born, 4-27-39; proved, 1-10-47; dead; Maine	8 dams	49	6,998	5.0	35
Sire, 388592; dam, 1049502.	Dif. (1-6-2)		-1,936	+.4	-7
Owner, J. H. Gordon & Son, Livermore.					
SULTAN FORWARD PCGIS 392469	8 dau.	14	7,528	5.0	37
Born, 11-12-37; proved, 1-21-47; ----; Mich.	7 dau.	13	7,596	5.0	37
Sire, 291799; dam, 956738.	7 dams	19	8,360	4.6	38
Owner, Bob Osborn, Gagetown.	Dif. (3-7-3)		-764	+.4	-
SYBIL LENA KNIGHT 391938	12 dau.	23	8,456	4.9	41
Born, 7-1-37; proved, 1-27-47; ----; N. J.	12 dams	51	7,776	4.7	36
Sire, 339809; dam, 963459.	Dif. (7-10-8)		+680	+.2	+4
Owner, William Koch, Phillipsburg.					
THOMAS ROYAL VALIANT 395838	7 dau.	7	6,999	5.2	36
Born, 8-8-38; proved, 1-28-47; alive; Iowa.	7 dams	22	7,832	5.0	39
Sire, 87422 CJCC; dam, 1173469.	Dif. (3-5-3)		-833	+.2	-2
Owner, W. S. Morrison, Iowa City.					
TORONO RALEIGH FREDD O'R.H. 395196	8 dau.	14	7,517	4.9	36
Born, 1-16-38; proved, 1-29-47; ----; Pa.	8 dams	32	9,411	5.3	50
Sire, 384116; dam, 1056625.	Dif. (0-1-0)		-1,894	-.4	-13
Owner, A. D. Ramsey, Volant.					
WILLONYX OXFORD DESIGN 387420	7 dau.	11	7,359	5.2	37
Born, 3-25-37; proved, 1-31-47; ----; Mich.	6 dau.	8	7,804	5.0	39
Sire, 358199; dam, 836438.	6 dams	11	8,092	5.5	44
Owner, Dr. Cyril Spike, Owosso.	Dif. (3-1-2)		-288	-.5	-5
WONDERFUL SAM COMBINATION 387421	6 dau.	12	6,410	5.0	31
Born, 8-7-37; proved, 1-31-47; dead; W. Va.	6 dams	19	8,375	5.1	43
Sire, 367164; dam, 854740.	Dif. (0-3-1)		-1,965	-.1	-11
Owner, West Virginia University, Morgantown					

AMERICAN DAIRY CATTLE CLUB SIRES

FANYAN ROYAL KORNDYKE SNOW BLEND 645

(This sire is also a registered Holstein "Fanyan Royal Korndyke Snow Blend 770321." Proved Sire data included in Holstein listing.)

GREEN GABLES ADVANCER 528

(This sire is also a registered Guernsey "Green Gables Advancer 232133." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT DAIRY HERD ASSOCIATIONS

TEST THE COWS — PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 23, No. 3

March 1947

On January 1, 1947, there were 140,571 herds consisting of 1,125,040 cows enrolled in artificial-breeding associations. Compared with January 1, 1946, this is an increase of 67,278, or 91.8 percent, in number of herds and 545,563, or 94.1 percent, in number of cows.

Wisconsin, with 221,783 cows enrolled in artificial-breeding associations, again leads the States in number of cows being bred artificially. States with 25,000 or more cows enrolled in artificial-breeding associations are as follows:

Wisconsin	221,783	Illinois	50,200
New York	139,003	Missouri	50,189
Pennsylvania	116,913	Minnesota	48,444
Ohio	84,769	Indiana	34,331
Iowa	80,167	Nebraska	29,419
Michigan	62,220	New Jersey	25,401

The number of bull associations operating January 1, 1947, was 140, with an enrollment of 23,519 cows. On January 1, 1946 there were 165 associations with an enrollment of 28,018 cows.

On the following pages are data showing the status of artificial-breeding associations, bull associations, and bull studs for the various States.

DAIRY BULL ASSOCIATIONS ACTIVE JANUARY 1, 1947

State	Number of ass'ns	Number of herds	Number of bulls	Number and breed of bulls used 1/								Number of cows in all associations		
				A	J	G	H	BS	SH	RD	NR	Reg.	Other	Total
ALA.	2	340	13	-	13	-	-	-	-	-	-	46	1,169	1,215
COLO.	2	328	28	-	6	10	2	1	8	-	1	100	2,300	2,400
IDAHO	4	174	13	-	-	4	9	-	-	-	-	184*	518*	909
ILL.	29	135	128	-	28	39	53	8	-	-	-	1,192*	901*	2,579
IOWA	1	6	6	-		6	-	-	-	-	-	30	57	87
MICH.	6	106	43	-	-	9	6	-	-	28	-	257	1,473	1,730
MISS.	1	4	4	-	4	-	-	-	-	-	-	27	73	100
MO.	3	17	11	-	8	3	-	-	-	-	-	75	285	360
NEBR.	2	31	6	-	-	-	6	-	-	-	-	78	112	190
N. J.	1	5	6	-	-	-	6	-	-	-	-	71	69	140
N. Y.	31	120	130	46	28	16	70	-	-	-	-	2,547	1,755	4,302
PA.	27	140	110	-	18	14	70	8	-	-	-	3,369	1,113	4,482
P. R.	1	250	5	-	-	1	4	-	-	-	-	0	1,000	1,000
S. DAK.	2	6	6	-	-	3	3	-	-	-	-	26	71	97
TEX.	1	15	6	-	6	-	-	-	-	-	-	0	120	120
UTAH	5	217	16	-	8	-	8	-	-	-	-	*	*	1,116
VA.	4	29	28	-	-	14	14	-	-	-	-	475	490	965
WIS.	18	73	74	-	12	50	12	-	-	-	-	867	860	1,727
TOTAL	140	2.296	633	16	131	169	263	17	8	28	1	9,344*	12,366*	23,519

BULL STUDS:

IDA.	15	3,218	93	1	9	29	42	-	5	-	7	292*	5,143*	11,391*
MONT.	4	290	11	-	1	4	4	-	-	-	2	40*	635*	1,995
TOTAL	19	3,508	104	1	10	33	46	-	5		9	332*	5,778*	13,386*

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; Sh-Shorthorn; RD-Red Danish; NR-Not Reported.

* Report incomplete.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
ARIZONA (1)												
S.R.V.Dairy Breeders	33	--	--	--	6	--	--	--	6	80	1,031	854
ARKANSAS (1)												
Logan County	65	--	--	--	--	--	--	--	(2)	200	1,200	300
CALIFORNIA (6)												
California ABA	96	--	--	7	6	--	--	--	13	-----	2,351	1,937
(Affiliates)												
Sacramento	(44)									-----	(1,379)	(1,314)
Butte Breeders	(42)									-----	(667)	(518)
San Joaquin	(10)									-----	(305)	(105)
San Pasqual	6	--	4	5	5	--	--	1	15	40	2,000	1,480
Sonoma-Marin	40	--	4	3	3	--	--	1	11	50	1,000	1,500
Tulare	188	--	5	9	8	--	--	--	22	100	2,120	1,143
Total	330	--	13	24	22	--	--	2	61	190	7,471	6,060
COLORADO (1)												
North Central	30	--	--	2	--	--	--	--	2	200	500	500
CONNECTICUT (6)												
Connecticut ABA	1,364	--	--	8	9	--	--	1	18	3,200	10,800	9,774
(Affiliates)												
Fairfield-New Haven	(307)									(600)	(2,000)	(2,000)
Hartford	(127)									(500)	(1,800)	(1,600)
Tolland	(280)									(450)	(2,200)	(1,199)
New London	(125)									(400)	(650)	(675)
Middlesex	(100)									(250)	(850)	(900)
Litchfield	(425)									(1,000)	(3,300)	(3,400)
DELAWARE (1)												
New Castle	378	--	2	2	3	--	--		7	1,000	2,640	1,350
IDAHO (1)												
New Plymouth	200	--	3	4	--	--	--	--	7	-----	922	922
ILLINOIS (20)												
Tri-County	500	--	--	3		--	2	1	6	250	1,500	------
Southern Illinois	3,700	--	4	4	7	--		--	15	2,500	25,000	------
Northern	2,225	--	--	6	7	--		--	13	7,255	23,700	16,229
(Affiliates)												
Kane-Dekalb-DuPage	(220)									(1,800)	(2,500)	(5,101)
Boone-Winnebago	(150)									(650)	(2,800)	(2,845)
Stephenson	(126)									(580)	(1,200)	(1,815)
Carroll	(60)									(150)	(800)	(1,131)
Kendall-Grundy	(180)									(300)	(1,100)	(993)
Will-Cook	(125)									(400)	(1,250)	(776)
Ogle	(110)									(350)	(1,100)	(847)
Bureau	(140)									(400)	(1,400)	(821)
Livingston	(125)									(200)	(900)	(371)
Rock Island-Henry	(175)									(350)	(2,000)	(632)
Jo Daviess	(85)									(250)	(1,000)	(198)
Lee	(120)									(250)	(1,200)	(167)
Lake	(100)									(500)	(1,400)	(350)
McHenry	(120)									(400)	(1,500)	(385)
Whiteside	(100)									(300)	(1,200)	------
Kankakee	(125)									(300)	(1,200)	------
Marshall-Putnam	(125)									(200)	(900)	------
Tri-County	(40)									(75)	(250)	(97)
Total	6,425	--	4	13	14	--	2	1	34	10,005	30,200	16,229

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; SH-Shorthorn; NR-Not reported.
2/ Buys semen from Muskogee, Oklahoma.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
INDIANA (9)												
Producers Creamery	1,500	--	--	7	1	--	--	--	8	-----	10,500	------
Miami	175								(2)	390	1,300	------
Southern Indiana	200	--	3	--	--	--	--	--	3	75	894	------
Harrison County	232	--	4	--	--	--	--	--	4	80	1,700	1,250
Steuben	10	--	--	1	--	--	--	--	1	90	140	------
Harris	5/ NR	--	--	3	--	--	1	--	4	-----	762	762
Indianapolis	2,500	--	3	4	2	--	--	3	12	1,000	18,000	------
Elkhart	76	1	--	7	4	1	--	--	13	-----	263	263
State Institutions	12	--	--	--	2	--	--	--	2	300	772	------
Total	4,705	1	4/14	4/26	4/14	1	1	3	4/ 60	1,935	34,331	2,275
IOWA (38)												
Eastern Iowa ABA	1,000	--	4	10	12	5	2	--	33	800	12,000	9,815
Delaware	289								(5)	200	2,400	2,138
Dubuque	96								(5)	150	1,425	90
Fayette	130								(5)	90	1,400	619
Howard	112								(5)	150	1,755	882
Iowa-County	196								(5)	80	1,670	838
Keokuk	183								(5)	90	965	757
Linn	400								(5)	300	3,000	2,648
Louisa	151								(5)	50	900	760
Marion	242								(5)	100	1,242	971
Marshall	275								(5)	150	2,148	971
Muscatine	98								(5)	200	850	450
North Cedar	275								(5)	80	1,521	1,521
Okoboji	75								(5)	75	750	450
Osage	125								(5)	100	1,100	805
Palo Alto	310								(5)	120	1,200	1,018
Story	240								(5)	55	1,416	1,266
Winneshiek	281								(5)	300	3,050	2,182
Audubon	164								(6)	125	1,024	121
Boone	303								(6)	100	1,294	900
Cass	169								(6)	10	850	350
Dallas	288								(6)	100	1,800	1,123
Green	250								(6)	150	1,800	953
Hardin	417								(6)	127	2,381	1,508
Henry	150								(6)	100	1,400	500
Jasper	350								(6)	100	2,000	850
Po-Ha-Mi	150								(6)	120	1,400	750
Polk	371								(6)	200	2,400	1,211
Poweshiek	306								(6)	70	1,801	1,077
Scott	255								(6)	44	2,010	1,111
Wapello	155								(6)	18	1,307	687
Warren	173								(6)	54	1,058	554
Montgomery	200								(7)	100	1,800	948
Humboldt	405								(8)	200	2,500	2,250
North Iowa	218								(8)	100	1,200	975
Northwest Iowa	525								(8)	400	4,200	2,040
Pocohontas	165								(8)	30	1,150	204
Western Iowa	1,000	--	--	4	4	4	7	3	22	600	8,000	6,887
Total	10,492	--	9/6	9/27	9/30	9/19	0/17	3	9/102	5,858	80,167	53,180
KENTUCKY (1)												
Mayfield	200	--	--	--	--	--	--	--	(10)	200	1,000	800
LOUISIANA (3)												
N.La.Jersey Breeders	200	--	4	--	--	--	--	--	4	750	2,300	150
(Affiliates)												
Lincoln	(140)									(450)	(1,300)	(130)
More House	(25)									(100)	(400)	(20)
Clairborne	(35)									(200)	(600)	-------

1/ See footnote (1) page 3. 2/ Buys semen from Indiana Artificial Breeding Association, which owns 13 bulls (Jersey, 4; Guernsey, 4; Holstein, 5). 3/ Not reported. 4/ Includes bulls owned by Indiana Artificial Breeding Association. 5/ Buys semen from Eastern Iowa Association. 6/ Buys semen from Dairy Genetics Company, which owns 30 bulls (Jersey, 2; Guernsey, 9; Holstein, 9; Brown Swiss, 5; Shorthorn, 5). 7/ Buys semen from Douglas Association (Nebraska). 8/ Member of Northwest Iowa Federated Breeders' Co-op., which owns 17 bulls (Guernsey, 4; Holstein, 5; Brown Swiss, 5; Shorthorn, 3). 9/ Includes bulls owned by Dairy Genetics Company and Northwest Iowa Federated Breeders' Co-op. 10/ Reported by Tennessee. Buys semen from Yorkville Association (Tennessee).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/ A	J	G	H	BS	SH	NR	Total	Number of cows Regis-tered	Total	Bred (1946)
MAINE (18)												
Maine Breeding Co-op	5,113	9	14	20	13	--	--	--	56	-----	22,700	22,700
(Affiliates)												
Turner	(469)									-----	-------	(2,113)
Lisbon	(432)									-----	-------	(1,956)
South Paris	(351)									-----	-------	(1,867)
York-Cumberland	(370)									-----	-------	(1,788)
New Portland	(305)									-----	-------	(1,530)
Hollis Center	(297)									-----	-------	(1,316)
Fryeburg	(248)									-----	-------	(970)
North Berwick	(152)									-----	-------	(701)
Rumford	(203)									-----	-------	(608)
Newport	(299)									-----	-------	(3,031)
Waterville	(333)									-----	-------	(2,070)
Belfast	(347)									-----	-------	(1,351)
Bangor	(320)									-----	-------	(1,009)
Dexter	(294)									-----	-------	(819)
Island Falls	(132)									-----	-------	(682)
Caribou	(161)									-----	-------	(203)
Waldoboro	(178)									-----	-------	(586)
Skowhegan	(222)									-----	-------	(100)
MARYLAND (9)												
Maryland ABA	849	4	4	7	5	--	--	--	20	3,600	12,600	4,600
(Affiliates)												
Baltimore	(107)									(400)	(1,300)	(400)
Carroll	(100)									(600)	(1,400)	(5[illegible])
Frederick	(92)									(500)	(1,500)	(600)
Harford	(102)									(400)	(1,500)	(600)
Howard	(82)									(300)	(1,200)	(600)
Montgomery	(77)									(500)	(2,000)	(550)
Queen Anne	(94)									(400)	(1,300)	(550)
Talbot	(102)									(200)	(1,300)	(350)
Washington	(93)									(300)	(1,100)	(450)
MASSACHUSETTS (11)												
Mass. Breeding Ass'n	1,546	8	--	9	10	--	--	--	27	1,680	16,436	5,515
(Affiliates)												
Berkshire	(182									(200)	(2,270)	(819)
Bristol	(66)									(75)	(640)	(149)
Dukes	(27)									(25)	(231)	(24)
Essex	(102)									(100)	(1,087)	(344)
Franklin	(147)									(200)	(1,873)	(693)
Hampden	(115)									(100)	(1,105)	(355)
Hampshire	(215)									(200)	(2,016)	(722)
Middlesex	(193)									(170)	(1,675)	(476)
Norfolk	(98)									(100)	(723)	(379)
Plymouth	(115)									(110)	(1,272)	(442)
Worcester	(286)									(400)	(3,544)	(1,112)
MICHIGAN (83)												
Michigan ABA	7,920	--	7	14	19	--	--	2/3	43	6,224	62,220	-------
(Affiliates)												
Allegan	(83)									(56)	(556)	-------
Alpena	(55)									(51)	(506)	-------
Antrim-Charlevoix	(60)									(61)	(607)	-------
Barry-Dowling	(111)									(92)	(916)	-------
Barry-Hastings	(133)									(90)	(896)	-------
Barry-Southwest	(58)									(47)	(466)	-------
Bay-Northern	(70)									(58)	(575)	-------
Bay-Southern	(48)									(40)	(405)	-------
Berrien-South	(90)									(64)	(645)	-------
Branch-Gilead	(83)									(65)	(651)	-------
Branch-Quincy	(126)									(113)	(1,126)	-------
Calhoun-Southeast	(137)									(116)	(1,155)	-------
Calhoun-West	(126)									(90)	(897)	-------
Cass-Cassopolis	(154)									(108)	(1,080)	-------
Cass-Marcellus	(73)									(56)	(556)	-------
Cheboygan	(50)									(45)	(448)	-------

1/ See footnote (1) page 3.
2/ Red Danes

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
Michigan (continued)												
(Affiliates)												
Clinton-Ovid	(91)									(74)	(739)	------
Clinton-St. Johns	(164)									(120)	(1,197)	------
Emmet-South	(61)									(49)	(488)	------
Genesee-Flushing	(115)									(55)	(551)	------
Genesee-Goodrich-Grand Blanc	(132)									(103)	(1,034)	------
Genesee-Northeast	(78)									(41)	(413)	------
Genesee-Southwest	(156)									(104)	(1,037)	------
Grand Traverse-Traverse City	(103)									(74)	(738)	------
Gratiot-Northwest	(157)									(104)	(1,040)	------
Gratiot-Southwest	(120)									(89)	(888)	------
Hillsdale-North Adams	(76)									(59)	(594)	------
Hillsdale-Reading	(68)									(58)	(585)	------
Ingham-Leslie	(119)									(80)	(799)	------
Ingham-Mason	(224)									(141)	(1,411)	------
Ingham-Stockbridge	(146)									(127)	(1,269)	------
Ingham-Williamston	(123)									(103)	(1,032)	------
Ionia	(108)									(90)	(899)	------
Iosco-Tawas City	(55)									(44)	(437)	------
Isabella-Mt. Pleasant	(56)									(57)	(573)	------
Isabella-Nottawa	(82)									(68)	(682)	------
Jackson	(275)									(214)	(2,144)	------
Kalamazoo-East	(109)									(95)	(951)	------
Kalamazoo-West	(196)									(120)	(1,198)	------
Lapeer-Columbiaville	(84)									(76)	(758)	------
Lapeer-Imlay City	(139)									(134)	(1,336)	------
Lapeer-North Branch	(36)									(40)	(401)	------
Lenawee-Addison	(48)									(47)	(467)	------
Lenawee-Sand Creek	(66)									(55)	(551)	------
Lenawee-Tipton	(130)									(100)	(1,001)	------
Livingston-Brighton	(83)									(54)	(536)	------
Livingston-Northwest	(162)									(118)	(1,175)	------
Macomb-Richmond	(81)									(61)	(614)	------
Mason	(135)									(108)	(1,077)	------
Missaukee-Falmouth	(43)									(44)	(442)	------
Missaukee-Lake City	(28)									(30)	(305)	------
Missaukee-Southwest	(52)									(51)	(512)	------
Monroe-Samaria	(107)									(71)	(711)	------
Montcalm-Sheridan	(99)									(78)	(785)	------
Montcalm-Sheridan	(103)									(83)	(831)	------
Muskegon-Brunswick-Holton	(96)									(76)	(762)	------
Muskegon-East	(141)									(112)	(1,124)	------
Muskegon-Worthwest	(68)									(68)	(681)	------
Newaygo-Fremont	(84)									(75)	(752)	------
Oakland	(41)									(35)	(348)	------
Oceana	(100)									(76)	(757)	------
Ogemaw #1	(44)									(52)	(520)	------
Saginaw-Arthur Hill	(101)									(73)	(726)	------
Saginaw-Chesaning	(91)									(72)	(722)	------
Saginaw-Frankenmuth	(69)									(57)	(569)	------
Saginaw-Franketrost	(51)									(38)	(378)	------
Saginaw-Hemlock	(109)									(72)	(722)	------
Sanilac-Brown City	(98)									(95)	(954)	------
Sanilac-Crosswell	(105)									(92)	(920)	------
Sanilac-Deckerville	(104)									(97)	(970)	------
Sanilac-Marlette	(92)									(105)	(1,049)	------
Sanilac-Minden City	(44)									(34)	(342)	------
Sanilac-Sandusky	(101)									(88)	(879)	------
St. Joseph-Mendon	(68)									(50)	(504)	------
St. Joseph-Sturgis	(139)									(96)	(956)	------
St. Joseph-Three Rivers	(77)									(58)	(577)	------
St. Clair-Yale	(63)									(45)	(449)	------
Tuscola-Cass City	(25)									(33)	(333)	------
Tuscola-Kingston	(39)									(34)	(344)	------
Tuscola-Millington	(59)									(44)	(439)	------
Tuscola-Vassar	(47)									(40)	(396)	------
Van Buren	(172)									(102)	(1,019)	------
Washtenaw	(25)									(34)	(342)	------

1/ See footnote (1) page 3.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
MINNESOTA (28)												
Aitkin	253	--	--	3:	3:	--	--	--	6	100	1,770	587
Barnum	2/NR	--	--	--	--	--	--	7	7	-----	2,000	2,000
Floodwood	499	--	--	7:	3:	--	--	--	10	150	2,131	2,131
Friendly Valley	100	--	--	--	4:	--	--	--	4	50	866	866
Minnesota Valley	1,435	--	3:	4:	18:	--	--	--	25	1,160	14,500	10,614
North Central Milaca	125	--	--	--	5:	--	--	--	5	329	2,632	2,632
Roseau	424	--	--	4:	8:	--	--	2	14	-----	5,108	2,617
(Affiliates)												
Lancaster	(45)									-----	(450)	(393)
Middle River	(13)									-----	(243)	(7)
Thief River Falls	(40)									-----	(609)	(454)
Red Lake Falls	(26)									-----	(358)	(247)
Warren Creamery	(27)									-----	(252)	(18)
East Polk	(65)									-----	(1,000)	(579)
Warroad Creamery	(45)									-----	(400)	(507)
Cloverleaf Creamery	(37)									-----	(355)	(45)
Roseau-Wannaska	(56)									-----	(691)	(56)
Badger-Greenbush	(45)									-----	(500)	(307)
Oklee Creamery	(25)									-----	(250)	(4)
Southern Minnesota	2,387	--	--	6:	13:	--	--	--	19	1,200	16,437	9,672
(Affiliates)												
Goodhue	(800)									-----	(3,000)	(120)
Clarks Grove	(150)									-----	(1,180)	(156)
Spring Valley	(150)									-----	(1,200)	(241)
Steele-Rice	(513)									-----	(4,023)	(3,342)
Olmsted	(205)									-----	(2,340)	(1,458)
Austin Area	(296)									-----	(2,100)	(1,669)
Freeborn	(111)									-----	(1,205)	(1,261)
Dodge	(162)									-----	(1,389)	(1,425)
West Saint Louis	350	--	--	4:	1:	--	--	--	5	75	3,000	2,064
(Affiliates)												
North Saint Louis	2/NR									(25)	(1,000)	(622)
Itasca	2/NR									(30)	(1,100)	(690)
West Saint Louis	2/NR									(20)	(900)	(752)
Total	5,483	--	3:	28:	55:	--	--	9	95	3,064	48,444	33,183
MISSISSIPPI (10)												
Mid-South	190	--	--	---	--	--	--	--	(3)	370	2,429	1,200
Mississippi ABA Co-op	534	--	6:	--	--	--	--	--	6	745	3,518	815
(Affiliates)												
Oktibbeha	(83)									(239)	(989)	(213)
Newton	(110)									(100)	(717)	(238)
Attala	(112)									(180)	(647)	(163)
Montgomery-Carroll	(56)									(72)	(310)	(69)
Alcorn	(111)									(140)	(454)	(94)
Scott	(62)									(14)	(401)	(33)
Pike	150	--	4:	--	--	--	--	--	4	97	1,595	650
Tippah	175	--	3:	1:	--	--	--	--	4	150	400	130
Tupelo	700	--	3:	--	--	--	--	--	3	1,211	1,730	1,730
Total	1,749	--	16:	1:	--	--	--	--	17	2,573	9,672	4,525
MISSOURI (67)												
East Missouri ABA	621	--	3:	2:	2:	--	--	--	7	500	7,038	707
(Affiliates)												
St. Charles	(107									(80)	(791)	(132)
Troy	(64)									(40)	(783)	(109)
Washington	(59)									(35)	(801)	(116)
Jefferson City	(42)									(25)	(586)	(67)
Benton	(42)									(50)	(615)	(62)
Monticello	(70)									(40)	(730)	(64)
Jackson	(55)									(50)	(618)	(42)
Bowling Green	(54)									(80)	(660)	(115)
Grubville	(55)									(40)	(704)	--------
Farmington	(73)									(60)	(750)	--------

1/ See footnote (1) page 3.
2/ Not reported
3/ Bulls reported in Tennessee.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of Cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
Missouri (continued)	3,000											
M.F. A ABA (Affiliates) 2/		--	23	12	3	--	--	--	38	5,000	30,000	12,000
Southwest Missouri	900	--	4	3	--	--	--	--	7	-----	3,151	3,151
Midwest	1,000	--	7	6	7	--	--	--	20	970	10,000	9,852
(Affiliates)												
Carroll	(50)									(50)	(500)	(484)
Harrison	(45)									(30)	(500)	(389)
Appanoose	(30)									(35)	(500)	(276)
Buchanan	(150)									(200)	(500)	(1,422)
Boone	(30)									(25)	(500)	(211)
Decatur	(35)									(35)	(500)	(358)
Clay	(30)									(15)	(500)	(283)
Nodaway	(40)									(50)	(500)	(449)
Adair	(40)									(50)	(500)	(334)
Lafayette	(30)									(60)	(500)	(327)
Atchison	(25)									(25)	(500)	(260)
Bates	(80)									(60)	(500)	(1,006)
Grundy	(125)									(75)	(500)	(1,208)
DeKalb	(75)									(25)	(500)	(626)
Randolph	(40)									(50)	(500)	(399)
Johnson	(20)									(15)	(500)	(147)
Linn	(35)									(30)	(500)	(411)
Jackson	(30)									(40)	(500)	(515)
Cooper-Howard	(40)									(50)	(500)	(443)
Wayne	(50)									(50)	(500)	(304)
Total	5,521	--	37	23	12	--	--	--	72	6,470	50,189	25,710
MONTANA (1)												
Bitter Root	130	--	--	--	--	--	--	5	5	65	1,400	750
NEBRASKA (22)												
Douglas	550	--	--	5	8	3	2	1	19	320	3,200	------
Burt	128								(3)	39	660	------
Dodge	97								(3)	40	800	------
Polk	200								(3)	55	800	------
Saunders	215								(3)	55	1,100	------
Washington	270								(3)	100	2,000	------
Lancaster	445								(4)	250	3,000	------
Beauty Girl	160								(4)	55	1,135	------
Gage	235								(4)	95	1,664	------
Hamilton	113								(4)	50	1,000	------
Johnson	216								(4)	70	1,422	------
Otoe	164								(4)	65	1,230	------
Republican Valley	90								(4)	35	787	------
Richardson	162								(4)	80	1,250	------
Seward	87								(4)	40	900	------
York	325								(4)	150	3,000	------
Norfolk	219	--	--	3	4	3	--	--	10	70	1,394	------
Cumings	136								(5)	45	800	------
Humphrey	173								(5)	50	1,146	------
Knox	109								(5)	25	681	------
Tri County	75								(5)	30	700	------
Wayne	119								(5)	40	750	------
Total	4,288	--	6/4	6/15	6/24	6	6/8	1	6/ 58	1,759	29,419	------

1/ See footnote (1) page 3.

2/ M.F.A. ABA affiliates: Ash Grove; Ava; Billings; Bolivar; Brighton; Buffalo; Cabool; Cabot; Cassville; Conway; Crane; Dadeville; Eldarado Springs; Fordland; Greenfield; Hartville; Houston; Humansville; Lebanon; Mansfield; Marshfield; Monett; Mountain Grove; Osceola; Ozark; Palmyra; Rogersville; Sedalia; Springfield(Fawcett); Springfield(McMillian); Springfield(Smith); Stockton; Walnut Grove; Warrensburg; West Plains; Wheaton.

3/ Buys semen from Douglas Association.

4/ Buys semen from University of Nebraska which owned 29 bulls (Jersey, 4; Guernsey, 7; Holstein, 12; Shorthorn, 6)

5/ Buys semen from Norfolk Association.

6/ Includes bulls owned by University of Nebraska.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
NEW HAMPSHIRE (9)												
New Hampshire ABA	1,434	--	9	6	9	--	--	--	24	3,021	11,956	7,652
(Affiliates)												
Exeter	(230)									(441)	(1,886)	(1,294)
Concord	(315)									(460)	(1,758)	(1,223)
Nashua	(220)									(420)	(1,972)	(1,340)
Laconia	(148)									(240)	(1,175)	(745)
Woodsville	(125)									(310)	(1,502)	(994)
Rochester	(112)									(300)	(720)	(533)
Lebanon	(156)									(450)	(1,193)	(921)
Lancaster	(76)									(250)	(950)	(602)
Colebrook	(52)									(150)	(800)	-------
NEW JERSEY (8)												
Co-op ABA #1	1,550	--	2	6	7	1	--	--	16	720	9,000	8,149
Northeast	50								(2)	50	600	200
Morris	342								(2)	185	1,800	1,594
Sussex	320								(2)	265	3,600	3,143
Plainsboro	500	--	2	5	5	2	--	--	14	250	5,000	5,000
Burlington	353								(3)	300	3,300	2,117
South Jersey	327								(3)	150	1,800	1,544
Tri County	14								(4)	30	301	95
Total	3,456	--	4	5/16	5/16	5/4	--	5/2	5/42	1,950	25,401	21,842
NEW YORK (63)												
Broome	1,212	--	2	3	10	--	--	--	15	2,500	9,816	------
Rondout	11	--	--	---	2	--	--	--	2	70	200	------
Seneca	400	--	--	2	3	--	--	--	5	900	1,400	------
New York ABA Co-op	17,106	9	6	17	32	--	--	19	83	21,589	127,587	------
(Affiliates) 6/												
Total	18,729	9	8	22	47	--	--	19	105	25,059	139,003	------
OHIO (55)												
Central Ohio	7,676	--	10	9	12	4	--	--	35	850	35,000	22,044
(Affiliates)												
Ashtabula	(475)									-----	-------	(1,305)
Allen	(325)									-----	-------	(1,064)
Auglaize	(370)									-----	-------	(1,367)
Butler	(280)									-----	-------	((805)
Columbiana-Mahoning	(455)									-----	-------	(1,586)
Coshocton	(205)									-----	-------	(892)
Carroll	(84)									-----	-------	(45)
Darke	(450)									-----	-------	(577)
Defiance-Pauling	(290)									-----	-------	(870)
Fairfield	(180)									-----	-------	(815)
Franklin	(175)									-----	-------	(449)
Geauga-Lake-Cuyahoga	(480)									-----	-------	(1,198)
Greene	(190)									-----	-------	(483)
Jefferson	(195)									-----	-------	(718)
Mercer	(350)									-----	-------	(401)
Miami	(340)									-----	-------	(1,130)
Montgomery	(460)									-----	-------	(1,103)
Portage	(465)									-----	-------	(1,325)
Preble	(340)									-----	-------	(792)
Shelby	(270)									-----	-------	(560)

1/ See footnote (1) page 3.
2/ Buys semen from New Jersey Experiment Station which owns 12 bulls (Guernsey, 5; Holstein, 4; Brown Swiss, 1; Not reported, 2)
3/ Buys semen from Plainsboro Association.
4/ Buys semen from Co-op ABA #1.
5/ Includes bulls owned by New Jersey Experiment Station.
6/ New York ABA Co-op Affiliates: Adirondack; Albany; Allegany; Altona; Canton; Catskill; Cattaraugus; Cayuga; Chatauqua; Chenango; Columbia; Cooperstown; Cortland; Dutchess; E. St. Lawrence; Essex; First Onondaga; Franklin; Genesee; Gilboa; Gouverneur; Hancock; Herkimer; Jefferson; Lewis; Livingston; Madison; Margaretville; Mohawk; Monroe; Montgomery; Nassau; Niagara; Northern Delaware; Northern Erie; Oneida; Oneonta; Ontario, On-Wego; Orange; Orleans; Oswego; Pioneer; Rensselaer; Saratoga; Schuyler-Chemung; Southern Erie; St. Lawrence; Steuben; Suffolk; Sullivan; Tioga; Ulster; United; Walton; Washington; Wayne; Wharton Valley, Wyoming; Yates.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
Ohio (continued)												
Central Ohio (continued)												
(Affiliates)												
Summit	(215)									------	--------	(776)
Trumbull	(490)									------	--------	(1,357)
Tuscarawa	(178)									------	--------	(917)
Van Wert	(225)									------	--------	(650)
Washington	(189)									------	--------	(859)
Northern Ohio	7,686	--	9	12	9	--	--	--	30	3,954	49,769	30,624
(Affiliates)												
Ashland	(332)									(180)	(2,158)	(1,800)
Belmont	(155)									(56)	(1,007)	(558)
Champaign	(244)									(111)	(1,586)	(1,112)
Crawford	(317)									(118)	(2,080)	(1,183)
Delaware	(320)									(202)	(2,080)	(2,019)
Erie	(31)									------	-------	--------
Franklin	(7)									-----	(45)	--------
Hancock	(279)									(96)	(1,813)	(958)
Hardin	(225)									(64)	(1,462)	(640)
Henry	(337)									(113)	(2,190)	(1,131)
Holmes	(270)									(133)	(1,755)	(1,328)
Huron	(289)									(99)	(1,878)	(992)
Knox	(289)									(92)	(1,878)	(925)
Logan	(356)									(150)	(2,314)	(1,505)
Lorain	(311)									(140)	(2,021)	(1,409)
Lucas	(60)									(11)	(390)	(113)
Marion	(53)									-----	(344)	--------
Medina	(278)									(131)	(1,807)	(1,316)
Monroe	(126)									(69)	(819)	(695)
Morrow	(338)									(111)	(2,197)	(1,111)
Ottawa	(121)									(25)	(786)	(254)
Putnam	(155)									(43)	(1,007)	(433)
Richland	(185)									(48)	(1,202)	(487)
Sandusky	(344)									(151)	(2,236)	(1,515)
Seneca	(500)									(177)	(3,250)	(1,773)
Union	(241)									(101)	(1,566)	(1,017)
Wayne	(467)									(257)	(3,035)	(2,572)
Williams	(235)									(89)	(1,527)	(898)
Wood	(423)									(141)	(2,749)	(1,417)
Wyandot	(398)									(146)	(2,587)	(1,463)
Total	15,362	--	19	21	21	4	--	--	65	3,904	84,769	52,668
OKLAHOMA (14)												
Northwest Oklahoma	858	--	5	5	3	--	5	1	19	520	8,000	3,419
(Affiliates)												
Alfalfa	(85)									(40)	(850)	(214)
Blaine	(85)									(40)	(800)	(150)
Garfield	(174)									(200)	(1,200)	(1,029)
Kingfisher	(150)									(50)	(1,600)	(629)
Payne	(85)									(50)	(950)	(529)
Oklahoma County	(65)									(50)	(800)	(3)
Washita	(130)									(50)	(800)	(563)
Grady	(84)									(40)	(1,000)	(302)
Eastern Oklahoma	790	--	6	5	7	--	--	--	18	2,000	10,000	3,179
(Affiliates)												
Broken Arrow	(137)									-----	(1,164)	(826)
Collinsville	(61)									-----	(1,173)	(445)
Cherokee	(42)									-----	-------	(131)
Okmulgee	(35)									-----	(324)	(165)
Adair	------									-----	-------	(280)
Grayson (Texas)	------									-----	-------	(90)
Total	1,648	--	11	10	10	--	5	1	37	2,520	18,000	6,598

1/ See footnote (1) page 3.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
OREGON (5)												
Oregon Dairy Breeders' (Affiliates)	1,065	--	5	5	3	--	--	--	13	1,105	7,450	4,865
Washington	(200)									(250)	(1,950)	(1,400)
Yamhill	(500)									(450)	(2,750)	(1,870)
Marion	(160)									(200)	(1,100)	(600)
Linn-Benton	(170)									(175)	(1,300)	(750)
Coos	(35)									(30)	(350)	(245)
PENNSYLVANIA (41)												
Cumberland	304								(2)	1,314	2,697	1,853
Dauland	203								(2)	192	1,200	470
First Pennsylvania	1,916	--	--	12	12	--	--	--	24	4,304	18,856	12,745
(Affiliates)												
Mifflin	(140)									(510)	(1,936)	(1,120)
Union	(320)									(795)	(3,286)	(2,103)
Centre	(199)									(568)	(2,401)	(1,709)
Schuylkill	(228)									(675)	(2,217)	(1,530)
McKean	(270)									(330)	(2,329)	(1,560)
Clinton	(155)									(190)	(1,705)	(1,168)
Lycoming	(363)									(536)	(2,768)	(1,836)
Perry	(241)									(700)	(2,214)	(1,719)
Franklin County	182								(2)	1,037	2,047	1,176
Lehigh Valley	600	3	1	6	9	--	--	--	19	2,139	5,013	5,013
Nepa	3,120	4	8	8	13	--	--	--	33	7,525	26,566	21,652
(Affiliates)												
Wayne	(436)									(1,134)	(3,834)	(2,788)
Luco	(477)									(533)	(2,623)	(2,355)
E. Bradford	(431)									(1,028)	(3,806)	(3,647)
W. Bradford	(374)									(1,100)	(3,250)	(3,000)
Susquehanna	(165)									(330)	(1,402)	(1,229)
Wyoming	(500)									(1,412)	(5,200)	(4,635)
Sullivan	(208)									(320)	(1,452)	((898)
Tioga	(370)									(1,159)	(3,263)	(1,900)
Potter	(159)									(509)	(1,736)	(1,200)
Southeastern Pa.	1,515	4	5	7	11	--	--	--	27	5,850	14,489	11,500
Tri-County	610								(2)	2,599	4,375	3,770
Western Pennsylvania	5,843	--	6	26	18	--	--	--	50	11,981	41,670	29,778
(Affiliates)												
Beaver	(332)									(300)	(2,070)	(1,510)
Jefferson	(260)									(575)	(1,775)	(1,446)
Mercer	(361)									(603)	(2,311)	(1,750)
Warren	(303)									(350)	(2,048)	(1,600)
Washington	(318)									(919)	(2,746)	(1,875)
Erie	(261)									(650)	(1,950)	(1,400)
Westmoreland	(417)									(836)	(3,475)	(2,517)
Clearfield	(312)									(280)	(2,065)	(1,373)
Lawrence	(267)									(523)	(2,208)	(1,674)
Somerset	(336)									(427)	(2,227)	(1,807)
Tyrone	(167)									(1,000)	(1,800)	(1,150)
Morrison's Cove	(230)									(1,050)	(2,250)	(1,700)
Fayette	(268)									(265)	(2,208)	(1,417)
Butler	(385)									(894)	(2,869)	(2,000)
Clarion	(302)									(1,176)	(2,296)	(2,025)
Crawford	(263)									(775)	(2,562)	(1,885)
Titusville	(253)									(354)	(1,707)	((524)
Indiana	(308)									(1,004)	(3,103)	(2,125)
Total	13,793	11	20	59	63	--	--	--	153	36,941	116,913	87,957

1/ See footnote (1) page 3.
2/ Buys semen from Southeastern Pa. Association.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/									Number of cows		
		A	J	G	H	BS	SH	NR	Total		Registered	Total	Bred (1946)
SOUTH DAKOTA (6)													
S. Dak. Breeders'Coop	564	--	--	3	6	4	3	--	16		-----	4,245	551
(Affiliates)													
Grant Unit	(119)										-----	(1,085)	(141)
Clay Unit	(164)										-----	(1,075)	(276)
Brookings	(43)										-----	--------	--------
Minnehaha	(77)										-----	(708)	(29)
Day	(82)										-----	(731)	(61)
Hamlin	(79)										-----	(646)	(44)
TENNESSEE (6)													
Mid-South	133	--	2	1	1	--	--	--	4		227	1,242	597
Tennessee ABA	352	--	8	1	1	--	--	--	10		828	2,900	1,887
(Affiliates)													
Maury	(49)										(128)	(489)	(585)
Williamson	(91)										(130)	(655)	(601)
Giles	(113)										(281)	(1,140)	(427)
Davidson	(99)										(289)	(616)	(274)
Yorkville Co-op	260	--	6	--	--	---	--	--	6		250	1,254	1,000
Total	745	--	16	2	2	--	--	--	20		1,305	5,396	3,484
TEXAS (4)													
Dallas	48	--	3	3	4	--	--	--	10		-----	1,822	65
Hill	84									(2)	-----	1,200	5
McLennan	35									(2)	-----	850	400
Wharton	38									(2)	-----	900	-------
Total	205	--	3/ 7	3	3/ 6	--	--	--	3/ 16		-----	4,772	470
VERMONT (3)													
Addison	75									(4)	80	700	-------
Central Vermont	57	--	4	--	--	--	--	--	5/ 4		100	800	801
Orleans	137									(6)	100	319	319
Total	269	--	4	--	--	--	--	--	4		280	1,819	1,120
VIRGINIA (6)													
Culpeper	42	--	--	1	3	--	--	1	5		230	1,175	-------
Franklin	120	--	--	--	--	--	--	12	12		750	1,600	-------
Loudoun	102									(7)	200	1,250	-------
Shenandoah Valley	109	--	--	3	3	--	--	--	6		450	1,150	425
Southeast Virginia	212	--	2	3	3	--	--	--	8		600	2,993	2,100
(Affiliates)													
Peninsula	(56)										(200)	(1,101)	(800)
Tidewater	(156)										(400)	(1,892)	(1,300)
Total	585	--	2	7	9	--	--	13	31		2,230	8,168	2,525
WASHINGTON (17)													
Evergreen	1,100	--	2	3	2	--	--	6	13		1,500	9,500	663
(Affiliates)													
King	(120)										(100)	(1,000)	(15)
Pierce	(120)										(200)	(1,000)	(50)
Thurston	(125)										(200)	(1,000)	(92)
Lewis	(120)										(200)	(1,000)	(158)
Cowlitz	(120)										(150)	(1,000)	(35)
Clark	(145)										(150)	(1,100)	(88)
Wahkiakum	(145)										(300)	(1,300)	(64)
Pacific	(80)										(100)	(800)	(61)
Grays Harbor	(125)										(100)	(1,300)	(100)

1/ See footnote (1) page 3.
2/ Buys semen from Texas A & M College, which owns 6 bulls (Jersey, 4; Holstein, 2).
3/ Includes bulls owned by Texas A & M College.
4/ Buys semen from New York ABA Co-op Association.
5/ Also buys semen from Connecticut ABA and New England Ayrshire Club (Massachusetts).
6/ Buys semen from New Hampshire ABA.
7/ Buys semen from Maryland ABA.

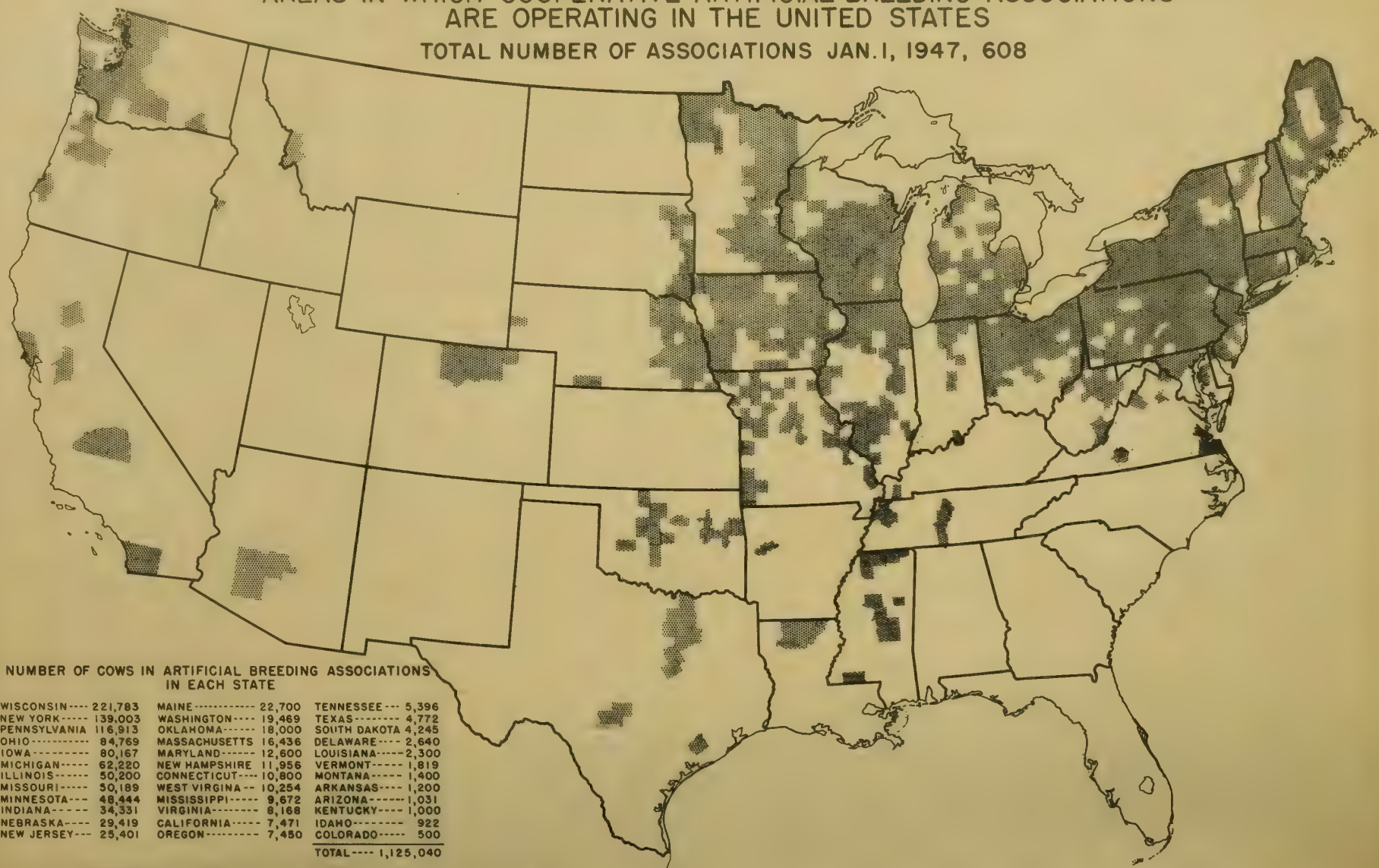
ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1947 (continued)

State Name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1946)
Washington (continued)												
Farwest	12	--	--	--	3	--	--	--	3	300	300	110
Northwest	2,100	--	5	7	2	--	--	--	14	1,300	8,531	8,445
(Affiliates)												
Whatcom	(715)									(625)	-------	(3,123)
Skagit	(600)									(400)	-------	(2,367)
Arlington	(340)									(120)	-------	(1,405)
Snohomish	(225)									(85)	-------	(872)
Sunnyside	(120)									(40)	-------	(391)
Clallam	(100)									(30)	-------	(287)
Walla Walla Valley	427	--	1	2	1	--	--	--	4	47	1,138	-------
Total	3,639	--	11	15	10	--	--	6	42	3,147	19,469	9,218
WEST VIRGINIA (7)												
Hancock & Brooke	75								(2)	145	650	400
West Virginia ABA	1,195	2	5	4	4	--	--	2	17	1,465	9,204	4,543
(Affiliates)										-----	-------	------
Marshall	(207)									-----	-------	------
Ohio Unit	(181)									-----	-------	------
Central	(476)									-----	-------	------
Tygart Valley	(158)									-----	-------	------
Greenbriar Valley	(173)									-----	-------	------
Wood County	25								(2)	110	400	300
Total	1,295	2	5	4	4	--	--	2	17	1,720	10,254	5,243
WISCONSIN (27)												
Badger Co-op	7,407	--	--	21	27	--	--	--	48	11,110	88,884	52,146
Manitowoc	375								(3)	400	4,000	3,417
Central Wisconsin Co-op	191								(4)	100	2,000	1,019
Clark County	400								(4)	400	4,000	2,582
Douglas	176								(4)	96	1,921	491
Eau Claire	133								(4)	78	1,369	70
Grant County	81								(4)	-----	1,342	149
Green County	643								(4)	321	6,430	3,157
Iowa County	165								(4)	256	2,560	1,730
Lafayette	230								(4)	105	2,908	2,323
Rock County	820								(4)	1,200	6,000	4,604
Rusk County	366								(4)	150	3,000	2,127
St. Croix	348								(4)	96	4,817	1,226
Southeast Wisconsin	590								(4)	973	6,490	4,901
Washburn	114								(4)	60	1,936	186
Waukesha	669								(4)	1,389	8,679	6,348
Trempealeau	633	--	--	9	9	--	--	--	18	450	4,500	2,653
Buffalo Co-op	264								(5)	538	3,162	2,405
Jackson	275								(5)	10	2,000	1,906
Monroe	100								(5)	-----	1,200	1,000
Dane County	592								(6)	950	9,500	7,564
Sauk County	1,079								(6)	237	9,500	9,435
Dane-Iowa	222	--	--	--	6	--	1	--	6	520	1,300	850
East Central	1,875	--	--	5	10	1	--	7/ 3	19	1,900	19,000	16,270
Pierce County	350								(8)	173	3,469	1,728
Polk	730								(8)	250	5,000	3,913
Vernon	1,833	--	4	8	6	--	--	--	18	1,009	16,816	9,606
Total	20,761	--	4	9/ 77	9/ 89	1	--	7/ 3	9/ 174	22,771	221,783	143,806
UNITED STATES (608)	140,571*	44	256	473	531	39	36	10/ 74	1,453	155,006*	1,125,040	537,376*

1/ See footnote (1) page 3.
2/ Affiliated with Northeastern Ohio Association.
3/ Buys semen from Badger Co-op.
4/ Buys semen from American Scientific Breeding Institute which owns 20 bulls (Guernsey, 11; Holstein, 9).
5/ Buys semen from Trempealeau Association.
6/ Buys semen from University of Wisconsin which owns 29 bulls (Guernsey, 16; Holstein, 13).
7/ Aberdeen Angus.
8/ Buys semen from Land of Lakes, Inc., which owns 16 bulls (Guernsey, 7; Holstein, 9).
9/ Includes bulls owned by American Scientific Breeding Institute, University of Wisconsin, and Land of Lakes, Inc.
10/ Includes 3 Red Dane and 3 Aberdeen Angus.
* Incomplete.

AREAS IN WHICH COOPERATIVE ARTIFICIAL BREEDING ASSOCIATIONS ARE OPERATING IN THE UNITED STATES

TOTAL NUMBER OF ASSOCIATIONS JAN. 1, 1947, 608



NUMBER OF COWS IN ARTIFICIAL BREEDING ASSOCIATIONS IN EACH STATE

WISCONSIN	221,783	MAINE	22,700	TENNESSEE	5,396
NEW YORK	139,003	WASHINGTON	19,469	TEXAS	4,772
PENNSYLVANIA	116,913	OKLAHOMA	18,000	SOUTH DAKOTA	4,245
OHIO	84,769	MASSACHUSETTS	16,436	DELAWARE	2,640
IOWA	80,167	MARYLAND	12,600	LOUISIANA	2,300
MICHIGAN	62,220	NEW HAMPSHIRE	11,956	VERMONT	1,819
ILLINOIS	50,200	CONNECTICUT	10,800	MONTANA	1,400
MISSOURI	50,189	WEST VIRGINA	10,254	ARKANSAS	1,200
MINNESOTA	48,444	MISSISSIPPI	9,672	ARIZONA	1,031
INDIANA	34,331	VIRGINIA	8,168	KENTUCKY	1,000
NEBRASKA	29,419	CALIFORNIA	7,471	IDAHO	922
NEW JERSEY	25,401	OREGON	7,450	COLORADO	500
				TOTAL	1,125,040

OFFICIALS IN CHARGE OF DAIRY-BREEDING ASSOCIATIONS IN THE STATES

ALA..... C. E. Teague, Ext. Service, School of Agr., Auburn.
ARIZ..... W. R. Van Sant, Ext. Service, College of Agr., Tucson.
ARK..... Allen Goodbary, Ext. Dairyman, P. O. Box 391, Little Rock.
CALIF.... G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
COLO..... H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
CONN..... Wm. R. Walker, Ext. Service, College of Agr., Storrs.
DEL..... D. J. Young, Ext. Service, University of Delaware, Newark.
FLA..... C. W. Reaves, Ext. Service, College of Agr., Gainesville.
GA..... Bruce Hamilton, Ext. Service, College of Agr., Athens.
HAWAII... Harvey Vollrath, Spec. in An. Husb., University of Hawaii, P. O. Box 18, Honolulu 10.
IDAHO.... G. C. Anderson, Ext. Division, College of Agr., Boise.
ILL..... C. S. Rhode, Ext. Service, College of Agr., Urbana.
IND..... G. A. Williams, Dept. of Agr., Ext., Purdue University, LaFayette.
IOWA..... Floyd Johnston, Ext. Service, Iowa State College of Agr., Ames.
KANS..... Russell Nelson, Ext. Division, Kansas State College, Manhattan.
KY..... Elmer L. Hixson, Ext. Dairyman, College of Agr., Lexington 29.
LA..... E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
MAINE.... Ralph Corbett, Ext. Service, College of Agr., Orono.
MD..... Floyd Arnold, Ext. Service, University of Maryland, College Park.
MASS..... F. H. Branch, Ext. Service, Massachusetts State College, Amherst.
MICH..... A. C. Baltzer, Ext. Division, Mich. State College of Agr., East Lansing.
MINN..... E. R. Searles, Div. of Agr., University Farm, St. Paul 1.
MISS..... L. A. Higgins, Ext. Service, Mississippi State College, State College.
MO..... M. J. Regan, Agr. Ext. Service, College of Agr., Columbia.
MONT..... J. O. Tretsven, Ext. Service, Montana State College, Bozeman.
NEBR..... M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
NEV..... V. E. Scott, Agr. Ext., College of Agr., Reno.
N. H..... Hilton Boynton, Ext. Service, College of Agr., Durham.
N. J..... E. J. Perry, Ext. Service, State College of Agr., New Brunswick.
N. M..... E. E. Anderson, Ext. Service, N. M. College of Agr., State College.
N. Y..... Raymond Albrectson, Ext. Service, N. Y. State College of Agr., Ithaca.
N. C..... J. A. Arey, Ext. Service, N. C. State College of Agr., State College Station, Raleigh.
N. DAK... Clarence Olson, Agr., Ext., N. Dak. Agr. College, State College Station, Fargo.
OHIO..... Ivan McKellip, Agr. Ext., College of Agr., Columbus 10.
OKLA..... L. H. Stinnett, Ext. Division, Oklahoma A & M College, Stillwater.
OREG..... H. P. Ewalt, Federal Coop. Ext., Oregon State College, Corvallis.
PA..... R. R. Welsh, Agr. Ext., School of Agr., State College.
P. R..... C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R. I..... John Ladd, Ext. Service, Rhode Island State College, Kingston.
S. C..... C. G. Cushman, Ext. Service, Clemson Agr. College, Clemson.
S. DAK... R. A. Cave, Ext. Service, S. Dak. State College of Agr., Brookings.
TENN..... C. A. Hutton, Extension Dairyman, P. O. Box 1071, Knoxville.
TEX..... G. G. Gibson, Ext. Service, A & M College of Texas, College Station.
UTAH..... L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
VT..... E. H. Loveland, Ext. Service, College of Agr., Burlington.
VA..... R. G. Connelly, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
WASH..... M. B. Nichols, Ext. Service, Pullman.
W. VA.... G. Heebink, Agr. Extension, College of Agr., Morgantown.
WIS..... J. E. Stallard, Ext. Dairyman, Room 207 King Hall, Madison 6.
WYO..... Anton Fellhauer, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN FEBRUARY 1947

Following is a list of 182 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in February 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the ten printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

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AYRSHIRE

	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ALTA CREST GAY PAL 58737	12 dau.	25	7,373	4.0	298
Born, 3-14-38; proved, 2-28-47;-----; Vt.	11 dau.	23	7,321	4.1	298
Sire, 41952; dam, 99174.	11 dams	26	7,838	4.1	324
Owner, Crescent Orchards, Orwell.	Dif. (4-4-3)		-517	.0	-26
ALTA CREST SANDY 43043	11 dau.	16	6,341	4.1	257
Born, 8-26-30; proved, 2-27-47; -----; Ohio.	6 dau.	8	6,192	4.1	257
Sire, 37395; dam, 109774.	6 dams	8	7,814	4.0	314
Herd Owner, John E. Rapp, Portsmouth.	Dif. (0-4-0)		-1,622	+.1	-57
ANNANDALE POLONIAN 63833	6 dau.	9	8,489	3.9	327
Born, 5-16-39; proved, 2-28-47; -----; Mich.	6 dams	22	7,925	3.7	295
Sire, 59660; dam, 228447.	Dif. (4-5-5)		+564	+.2	+32
Owner, William H. Vann, Clarkston.					
ASCUTNEY HILL RIGHT STAMP 55869	8 dau.	16	6,895	3.9	270
Born, 5-21-35; proved, 2-12-47; -----; Mass.	6 dau.	13	6,895	3.9	267
Sire, 34381; dam, 106237.	6 dams	14	7,234	3.9	280
Owner, Maiden Hill Farm, Ward Hill.	Dif. (3-3-3)		-339	.0	-13
CREST BOURN TOP GRADE (TWIN) 59971	5 dau.	7	9,873	4.1	401
Born, 5-17-38; proved 2-28-47; -----; N. Y.	5 dams	27	10,421	3.9	409
Sire, 53354; dam, 99387.	Dif. (1-3-1)		-548	+.2	- 8
Owner, Crest Bourne Farm, Champlain.					
CRYSTAL SPRING HENRY P 59620	8 dau.	10	8,730	4.2	367
Born, 3-28-38; proved, 2-28-47; ----; N. H.	8 dams	26	8,623	4.0	342
Sire, 48580; dam, 142605.	Dif. (3-7-5)		+107	+.2	+25
Owner, Walter A. Scamman, Greenland.					

Ayrshire	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
DAWNWOOD JONATHAN 58458	5 dau.	12	7,637	3.9	295
Born, 2-7-38; proved, 2-28-47; -----; Conn.	5 dams	19	9,157	3.8	349
Sire, 52349; dam, 184557.	Dif. (1-3-1)		-1,520	+.1	-54
Owner, Long Mountain Farms, New Milford.					
DESERT CREST'S MISTIC LAD 60292	10 dau.	20	9,057	4.2	381
Born, 12-14-38; proved, 2-28-47; -----; Ind.	9 dau.	17	9,000	4.2	382
Sire, 43826; dam, 168897.	9 dams	39	8,790	4.0	353
Owner, Ralph B. Henry, Bluffton.	Dif. (6-7-6)		+210	+.2	+29
DESERT CREST'S ROYAL ADVANCE 60290	11 dau.	15	8,302	4.0	335
Born, 10-23-38; proved, 2-28-47; dead; N. Y.	10 dau.	13	8,405	4.0	338
Sire, 43826; dam, 130198.	10 dams	40	9,445	4.2	395
Owner, L. A. Morgan & Sons, Interlaken.	Dif. (3-4-3)		-1,040	-.2	-57
FILLMORE IVANHOE 55873	9 dau.	15	8,709	4.1	360
Born, 1-29-37; proved, 2-28-47; -----; Vt.	7 dau.	12	8,762	4.1	359
Sire, 47630; dam, 129987.	7 dams	16	8,942	4.0	359
Owner, Jordan F. Atwood, Wells River.	Dif. (2-5-4)		-180	+.1	0
FILLMORE LEGIONAIRE 64873	6 dau.	6	8,478	4.3	363
Born, 4-12-40; proved, 2-28-47; dead; Vt.	6 dams	42	9,825	4.3	422
Sire, 58732; dam, 130445.	Dif. (1-3-1)		-1,347	.0	-59
Owner, New York Co-op. A.B.A., N. Y.					
GREEN HILL GINGER 60747	12 dau.	17	7,327	4.2	308
Born, 11-22-38; proved, 2-28-47; -----; Pa.	10 dau.	12	7,125	4.2	299
Sire, 55255; dam, 115470.	10 dams	24	7,874	4.1	321
Owner, Lehigh Valley Co-op. Farmers A.B.A.	Dif. (4-9-4)		-749	+.1	-22
HOLHOLM MAC 55651	7 dau.	15	9,765	3.9	383
Born, 9-22-36; proved, 2-12-47; dead; N. Y.	7 dams	30	10,083	3.8	388
Sire, 45500; dam, 123073.	Dif. (4-6-4)		-318	+.1	- 5
Owner, Fred S. Hollowell & Son, Penn Yan.					
OHIO TRUE DESIGN 63352	7 dau.	7	10,243	4.4	455
Born, 1-24-40; proved, 2-28-47; alive; N. Y.	6 dau.	6	10,339	4.4	459
Sire, 54152; dam, 132744.	6 dams	14	9,824	4.2	415
Owner, Lynn A. Wollaber, Canostota.	Dif. (3-4-5)		+515	+.2	+44
ENSHURST DONELL 55200	22 dau.	40	10,906	4.4	480
Born, 10-18-36; proved, 2-28-47; alive; Pa.	15 dau.	25	11,548	4.5	519
Sire, 41511; dam, 130626.	15 dams	44	9,561	4.3	407
Owner, Neshaminy Farms, Newtown.	Dif. (13-13-14)		+1,987	+.2	+112
ENSHURST LAST CHAMPION 58789	5 dau.	5	7,794	4.1	323
Born, 3-29-38; proved, 2-28-47; -----; Mass.	5 dams	16	7,542	4.2	317
Sire, 43060; dam, 138743.	Dif. (2-3-2)		+252	-.1	+6
Owner, H. A. Standish, Middleboro.					
INEHURST NOBLE ULSTER 50788	5 dau.	11	8,356	4.3	357
Born, 10-2-34; proved, 2-27-47; -----; Mich.	5 dams	15	7,498	4.3	322
Sire, 33271; dam, 100736.	Dif. (4-3-4)		+858	.0	+35
Owner, Huron Milling Company, Harbor Beach.					

Ayrshire	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ROSABELL'S PRINCE 63000	9 dau.	9	7,862	4.2	329
Born, 10-30-39; proved, 2-28-47; -----; N.Y.	7 dau.	7	7,931	4.1	328
Sire, 53649; dam, 207527.	7 dams	10	9,003	4.1	369
Owner, Obercreek Farm, Wappinger Falls.	Dif. (2-4-2)		-1,072	.0	-41
RUTHLESS EXCHANGE 66421	5 dau.	6	8,796	4.1	360
Born, 2-26-40; proved, 2-28-47; -----; N. H.	5 dams	23	9,003	4.0	363
Sire, 49478; dam, 123297.	Dif. (2-3-2)		-207	+.1	- 3
Owner, Benayr Farm, Lebanon.					
SALLY'S SCANTIC RUTH LAD 50584	7 dau.	13	8,570	4.0	346
Born, 1-15-35; proved, 2-28-47; -----; Conn.	5 dau.	7	8,493	4.0	339
Sire, 37795; dam, 122279.	5 dams	7	7,495	4.0	298
Owner, Scantic Meadow Farm, E. Windsor Hill.	Dif. (5-3-5)		+ 998	.0	+41
SCANTIC DOMINANT KING (TWIN) 64562	6 dau.	6	8,680	4.3	371
Born, 2-6-40; proved, 2-28-47; -----; Ohio.	5 dau.	5	8,782	4.2	371
Sire, 59199; dam, 149680.	5 dams	15	9,481	4.0	383
Owner, Green Valley Farm, Jackson.	Dif. (1-3-3)		-699	+.2	-12
STRATHGLASS BUTTER BOY 58852	18 dau.	31	9,732	4.4	427
Born, 4-15-38; proved, 2-28-47;-----; Calif.	11 dau.	22	9,886	4.4	433
Sire, 51655; dam, 157326.	11 dams	59	9,354	4.2	397
Owner, Leslie C. Miller, Sebastopol.	Dif. (8-10-8)		+532	+.2	+36
TALISMAN GAY LAD 59047	14 dau.	20	10,427	4.0	418
Born, 2-8-38; proved, 2-28-47; alive; Conn.	14 dams	40	9,624	4.0	382
Sire, 34381; dam, 163193.	Dif. (9-11-9)		+803	.0	+36
Owner, Litchfield County. A. B. A.					
WHITPAIN CHALLENGER 64887	6 dau.	6	10,016	3.9	386
Born, 8-16-40; proved, 2-28-47; -----; Pa.	6 dams	16	9,675	3.7	354
Sire, 52348; dam, 127468.	Dif. (3-5-5)		+341	+.2	+32
Owner, Normandy Farm, Norristown.					
35*EC18859 (BANGS OR TB EARTAG)	6 dau.	8	7,442	4.3	317
Born, ----; proved, 2-12-47; -----; Wis.	6 dams	27	9,739	3.7	365
Sire, -----; dam, -----.	Dif. (0-6-1)		-2,297	+.6	-48
Owner, Frank Ott, Menosha.					
BROWN SWISS					
BIG SHOT OF HURON 48028	7 dau.	9	9,867	4.3	428
Born, 12-5-39; proved, 2-17-47; -----; Mich.	7 dams	29	10,986	4.0	443
Sire, 37743; dam, 45543.	Dif. (2-7-4)		-1,119	+.3	-15
Owner, Erwin H. Krauss & Sons, Sebewaing.					
BLOSSOM'S BARON 41120	11 dau.	17	10,227	3.9	402
Born, 4-14-38; proved, 2-12-47; dead; Iowa.	9 dau.	14	10,149	3.9	399
Sire, 33438; dam, 38438.	9 dams	29	10,031	3.7	374
Owner, Greg Bodensteiner, Castalia.	Dif. (4-8-6)		+118	+.2	+25

Brown Swiss	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
CARL H. V. B. 33936	12 dau.	34	8,659	4.0	344
Born, 8-7-35; proved, 2-28-47; ----; Ill.	6 dau.	14	7,998	3.9	315
Sire, 23576; dam, 40531.	6 dams	16	9,737	3.9	381
Owner, Rex Rahn, Lanark.	Dif. (1-5-1)		-1,739	.0	-66
CHALLENGER'S ROYAL BOY OF ALFALFA KNOLL 39817	7 dau.	15	10,600	4.2	450
Born, 10-8-37; proved, 2-12-47; -----; Ill.	6 dau.	11	10,613	4.2	451
Sire, 34515; dam, 53799.	6 dams	21	11,412	3.9	442
Owner, Wagler Brothers, Pekin.	Dif. (3-6-4)		-799	+.3	+9
FERDINAND OF CITY VIEW 41722	7 dau.	12	8,249	3.9	322
Born, 10-11-38; proved, 2-12-47; ----; Ind.	7 dams	22	8,247	3.9	325
Sire, 33538; dam, 41152.	Dif. (3-2-3)		+ 2	.0	- 3
Owner, J. M. Gerig & Sons, Woodburn.					
FOXWOOD'S DUSTY 43418	12 dau.	17	11,387	4.1	466
Born, 3-11-39; proved, 2-28-47; ----; Ill.	11 dau.	15	11,458	4.1	471
Sire, 37133; dam, 46835.	11 dams	27	10,493	4.0	415
Owner, Dr. J. W. Ovitz, Sycamore.	Dif. (8-10-8)		+965	+.1	+56
GURTHAU'S BOY OF J. B. 39497	8 dau.	19	9,042	4.1	375
Born, 12-16-37; proved, 2-28-47; ----; Kans.	8 dams	34	9,963	4.1	407
Sire, 27137; dam, 30877.	Dif. (2-6-3)		-921	.0	-32
Owner, Frank M. Webber & Sons, Kingman.					
JANET'S JEAN'S BARON 43001	5 dau.	8	8,389	4.0	333
Born, 9-27-38; proved, 2-17-47; dead; Iowa.	5 dams	7	7,404	3.9	288
Sire, 33438; dam, 45069.	Dif. (4-4-4)		+985	+.1	+45
Owner, Winneshiek County Home, Decorah.					
LOUISE BARON'S KEEPER J. B. 42940	9 dau.	14	12,129	3.8	460
Born, 11-10-38; proved, 2-28-47; -----; Ill.	8 dau.	12	12,259	3.8	463
Sire, 31653; dam, 38782.	8 dams	21	11,284	3.8	426
Owner, Baker & Sleeter, Urbana.	Dif. (5-4-4)		+975	.0	+37
MOLLY'S ADMIRAL OF ROSELAND 40930	9 dau.	15	10,130	4.0	408
Born, 6-1-38; proved, 2-28-47; ----; Ind.	8 dau.	13	10,038	4.0	404
Sire, 35778; dam, 21221.	8 dams	18	10,022	4.0	396
Owner, William F. Klaehn, Fort Wayne.	Dif. (5-5-5)		+ 16	.0	+ 8
PATTY'S CHAMP OF ROSELAND 41790	13 dau.	14	11,304	3.8	426
Born, 5-25-38; proved, 2-12-47; ----; Ill.	9 dau.	10	11,384	3.8	428
Sire, 29090; dam, 53143.	9 dams	9	12,596	3.7	464
Owner, Brecker Brothers, Pekin.	Dif. (2-6-3)		-1,212	+.1	-36
PENSTATE PRINCE STAR 34372	8 dau.	14	10,119	3.7	375
Born, 2-4-36; proved, 2-28-47; ----; Pa.	7 dau.	13	10,282	3.7	382
Sire, 23533; dam, 28687.	7 dams	25	10,273	3.8	388
Owner, K. S. Bagshaw, Hollidaysburg.	Dif. (4-4-3)		+ 9	-.1	- 6
PRINCE INKWYL 43122	10 dau.	16	10,066	3.9	392
Born, 9-5-38; proved, 2-28-47; ----; Wis.	10 dams	43	8,955	3.6	323
Sire 32960; dam, 60664.	Dif. (7-7-8)		+1,111	+.3	+69
Owner, Floyd W. Plankey, Clinton					

Brown Swiss	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
SIR JAMES OF MARYDALE FARMS 41135	19 dau.	26	8,707	4.0	345
Born, 11-27-37; proved, 2-28-47; ----; Ill.	16 dau.	21	8,651	4.0	344
Sire, 26648; dam, 45918.	16 dams	33	9,521	3.9	372
Owner, Joseph P. Savage, La Fox.	Dif. (8-12-9)		-870	+.1	-28
VERNON'S BROWN BOMBER 43176	10 dau.	13	11,731	3.8	443
Born, 3-10-39; proved, 2-17-47; ----; Kans.	9 dau.	12	11,796	3.7	442
Sire, 33458; dam, 65385.	9 dams	24	11,297	3.8	434
Owner, John W. Braden, Hutchinson.	Dif. (6-4-5)		+499	-.1	+ 8
GUERNSEY					
BOULDER RIDGE TRIUMPH 280414	10 dau.	12	6,249	4.5	280
Born, 3-1-38; proved, 2-17-47; -----; Iowa.	5 dau.	6	5,650	4.6	260
Sire, 216732; dam, 371614.	5 dams	10	6,351	5.2	329
Owner, Oscar Horvei, Lake Mills.	Dif. (1-0-1)		-701	-.6	-69
BOURNEDALE GOLDEN PATRICK 277373	13 dau.	20	6,896	4.9	341
Born, 6-28-39; proved, 2-17-47; dead; N. Y.	12 dau.	18	6,966	4.9	344
Sire, 229132; dam, 411130.	12 dams	45	8,100	5.1	415
Owner, Louis W. Fish, Jr., Salt Point.	Dif. (4-3-5)		-1,134	-.2	-71
BUTTER LAD OF IOWAGOLD 280562	6 dau.	6	6,263	4.8	299
Born, 7-1-39; proved, 2-17-47; dead; Iowa.	5 dau.	5	6,789	4.7	322
Sire, 232786; dam, 230048.	5 dams	10	7,764	4.7	363
Owner, Charles J. Wille & Sons, Klemme.	Dif. (2-3-2)		-975	.0	-41
CLERMONT NORSEMAN 286144	10 dau.	14	7,276	5.1	370
Born, 12-29-39; proved, 2-28-47; dead; Iowa.	10 dams	38	7,491	5.0	376
Sire, 241277; dam, 574498.	Dif (5-5-4)		-215	+.1	- 6
Owner, Ed Doerring, Luana.					
CONN OF RIGGIN FARM 281220	9 dau.	15	6,810	5.0	338
Born, 10-18-39; proved, 2-28-47; -----; Ind.	8 dau.	13	6,589	5.0	328
Sire, 248343; dam, 353466.	8 dams	20	8,474	4.7	400
Owner, Rea Riggins & Sons, Inc., Muncie.	Dif. (0-7-1)		-1,885	+.3	-72
DIXIE OF MAPLE LAWN HERD 285491	6 dau.	12	6,129	4.5	277
Born, 10-24-39; proved, 2-28-47; -----; Ohio.	6 dams	23	7,339	5.2	380
Sire, 216135; dam, 265747.	Dif. (0-2-0)		-1,210	-.7	-103
Owner, O. H. Pollock, Delaware.					
FULFILLMENT'S MARINER 281535	6 dau.	6	6,309	4.5	287
Born, 7-10-39; proved, 2-17-47; -----; N. Y.	6 dams	12	7,027	4.9	348
Sire, 245195; dam, 492495.	Dif. (2-2-1)		-718	-.4	-61
Owner, Delos L. Hoskins, Auburn.					
GLENBURNIE VALIANT 285156	6 dau.	13	9,669	4.8	465
Born, 8-27-38; proved, 2-28-47; alive; N. J.	6 dams	20	8,909	4.9	432
Sire, 229093; dam, 517888.	Dif. (5-2-4)		+760	-.1	+33
Owner, T. P. Reed & Son, Pennington.					

Guernsey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
GRENFEL KING OF THE MEADOW 277555	7 dau.	9	7,066	5.1	360
Born, 11-3-38; proved, 2-17-47;----; Wis.	7 dams	26	6,829	5.2	353
Sire, 229809; dam, 339936.	Dif. (3-4-4)		+237	-.1	+ 7
Owner, Elmer T. Voigt, Reedsville.					
KENFLEUR'S TED ALERT 291746	9 dau.	10	8,143	4.8	388
Born, 4-23-39; proved, 2-28-47;----;Ind.	9 dams	26	8,648	4.8	417
Sire, 243994; dam, 450920.	Dif. (3-4-3)		-505	.0	-29
Owner, Paul S. Logan, La Fayette.					
LANGWATER VAGABOND 231275 *(Dec. 1946)	13 dau.	27	7,674	4.5	347
Born, 3-14-35; proved, 11-29-46;----; Pa.	6 dau.	14	7,625	4.5	343
Sire, 200171; dam, 304322.	6 dams	12	8,338	4.8	404
Owner, Talinona Farms, Bowmansdale.	Dif. (1-2-0)		-713	-.3	-61
LEEDA'S BLONDY OF HAZEN 282010	11 dau.	12	6,906	5.1	352
Born, 12-28-39; proved, 2-17-47;----; Pa.	11 dams	43	7,156	4.9	349
Sire, 246173; dam, 192304.	Dif. (4-8-6)		-250	+.2	+ 3
Owner, S. V. McKee, Westover.					
LOCUST LAWN'S LUCKY LOUIE 262182 (ADC-297)	6 dau.	9	7,526	4.9	367
Born, 4-27-38; proved, 2-28-47; dead; N. Y.	6 dams	25	9,028	5.1	463
Sire, 214348; dam, 340829.	Dif. (1-1-0)		-1,502	-.2	-96
Owner, Merrill F. Curry, Ithaca.					
MASTERFUL'S REX OF HILLSIDE 254567 *(Dec. 1946)	14 dau.	40	7,598	4.8	363
Born, 10-13-37; proved, 11-29-46;----; Pa.	13 dau.	39	7,647	4.7	362
Sire, 207765; dam, 274091.	13 dams	64	8,166	4.7	382
Owner, L. K. Sollenberger, Curryville.	Dif. (6-8-6)		-519	.0	-20
MINNEWASHTA BABBETT'S KING 283616	10 dau.	19	7,086	5.2	372
Born, 2-12-38; proved, 2-28-47;----; Minn.	9 dau.	17	7,018	5.3	369
Sire, 178871; dam, 261410.	9 dams	28	6,750	4.8	326
Owner, Kenneth Ziemer, Waltham.	Dif. (5-9-5)		+268	+.5	+43
PROGRESS BOYD 284150	5 dau.	7	8,708	4.3	379
Born, 5-22-39; proved, 2-28-47;----; Ind.	5 dams	6	8,221	4.3	354
Sire, 238272; dam, 518717.	Dif. (4-4-4)		+487	.0	+25
Owner, Ralph Myers & Cecil Short, Geneva.					
QUAIL ROOST MAY PRINCE 267021	13 dau.	18	8,528	5.4	457
Born, 7-16-38; proved, 2-28-47;----; Va.	9 dau.	13	8,299	5.3	441
Sire, 234789; dam, 363368.	9 dams	31	5,904	4.8	285
Owner, Mrs. James C. Hamilton, Warrenton.	Dif. (8-8-9)		+2,395	+.5	+156
ROCK CREEK PRETOR'S ULTIMAS 282246	6 dau.	8	8,004	5.2	419
Born, 3-18-39; proved, 2-17-47;----; Mich.	5 dau.	6	8,025	5.2	417
Sire, 175063; dam, 365786.	5 dams	23	8,308	4.8	403
Owner, Clark & Nimtz, Eau Claire.	Dif. (3-5-3)		-283	+.4	+14
ST. JAMES ROCKET'S ROGER 282317	8 dau.	12	8,064	4.8	389
Born, 8-4-39; proved, 2-17-47;----; Ill.	7 dau.	10	8,095	4.9	394
Sire, 257183; dam, 357627.	7 dams	29	9,051	4.9	446
Owner, Croxman Farm, Barrington.	Dif. (2-3-1)		-956	.0	-52

Guernsey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
SPAR HILL DEMETRIUS 286370	7 dau.	10	10,227	4.8	489
Born, 10-29-39; proved, 2-28-47;----; Mich.	7 dams	32	7,449	5.3	395
Sire, 236860; dam, 409750.	Dif. (5-1-5)		+2,778	-.5	+94
Owner, Mrs. A. G. Wilson, Rochester.					
TARBELL FARMS PEERLESS RAIDER 279695	9 dau.	11	7,658	4.7	364
Born, 11-24-38; proved, 2-28-47;----; Pa.	7 dau.	9	7,498	4.7	356
Sire, 214202; dam, 458054.	7 dams	22	8,743	4.6	405
Owner, B. H. Burgess, Tunkhannock.	Dif. (2-5-2)		-1,245	+.1	-49
TONY OF BEAVER DAM 280968	5 dau.	7	7,361	4.1	300
Born, 6-30-39; proved, 2-17-47;----; Va.	5 dams	18	9,110	4.3	395
Sire, 210614; dam, 392129.	Dif. (0-1-0)		-1,749	-.2	-95
Owner, Beaver Dam Dairy, Buchanan.					
TOP'S BUTTERBOY OF OAK GROVE 282977	8 dau.	10	7,284	4.7	343
Born, 4-19-39; proved, 2-28-47;----; Pa.	6 dau.	7	7,475	4.7	349
Sire, 228454; dam, 528832.	6 dams	18	6,783	4.8	326
Owner, Melvin S. Stewart & Son, Parkers Landing.	Dif. (5-2-5)		+692	-.1	+23
WEBOTUCK PETER 275217	8 dau.	8	9,586	4.2	407
Born, 10-22-38; proved, 2-17-47; dead; Conn.	6 dau.	6	10,081	4.3	431
Sire, 228306; dam, 571426.	6 dams	15	8,048	4.5	365
Owner, A. Benjamin Webster & Son, Litchfield.	Dif. (6-1-5)		+2,033	-.2	+66
13-A4132 (DHIA EARTAG)	7 dau.	14	6,718	4.3	291
Born,----; proved, 2-18-47;----; Vt.	7 dams	30	7,751	4.1	320
Sire,----; dam,----.	Dif. (3-5-4)		-1,033	+.2	-29
Owner, Burr Cadoret, Manchester Depot.					
16*167 (BANGS OR TB EARTAG)	7 dau.	11	6,458	4.6	295
Born,----; proved, 2-28-47; dead; Conn.	6 dau.	10	6,614	4.5	297
Sire,----; dam,----.	6 dams	17	6,944	3.8	265
Owner, Arthur W. Olson, Collinsville.	Dif. (3-6-5)		-330	+.7	+32
35*E010464 (BANGS OR TB EARTAG)	5 dau.	13	5,415	4.6	249
Born,----; proved, 2-28-47;----; Wis.	5 dams	10	4,471	4.4	199
Sire,----; dam,----.	Dif. (4-3-4)		+944	+.2	+50
Owner, A.L. & A.R. Nicol & R. D. Rich, Sparta.					
HOLSTEIN					
ADMIRAL BEECHWOOD 5TH 758853	10 dau.	20	11,020	3.7	413
Born, 1-11-38; proved, 2-18-47;----; Wis.	10 dams	52	12,443	3.3	416
Sire, 708491; dam, 1896132.	Dif. (2-9-6)		-1,423	+.4	- 3
Owner, East Central Breeders A.B.A.					
ADMIRAL KING BESSIE 829618	7 dau.	8	11,190	3.7	411
Born, 3-19-40; proved, 2-28-47;----; Ill.	7 dams	23	13,357	3.6	484
Sire, 730702; dam, 1789758.	Dif. (0-5-1)		-2,167	+.1	-73
Owner, Alfred Ames, Zion.					

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
ANOKASTAT CAP COLANTHA FOBES 814672	8 dau.	9	10,426	3.4	358
Born, 7-11-40; proved, 2-17-47;----; Minn.	8 dams	36	12,295	3.4	417
Sire, 692316; dam, 1485326.	Dif. (1-5-1)		-1,869	.0	-59
Owner, Willmar State Hospital, Willmar					
ARCHOLM PRINCE DIXIE POSCH 815880	10 dau.	12	12,565	3.1	385
Born, 4-16-39; proved, 2-18-47;----; Mich.	8 dau.	9	13,186	3.0	397
Sire, 700325; dam, 1611212.	8 dams	21	12,839	3.2	411
Owner, George H. Spencer & Son, Lawton.	Dif. (5-2-4)		+347	-.2	-14
BAKER FARM CHALLENGER 2D 779615	8 dau.	8	13,007	3.3	429
Born, 1-18-39; proved, 2-28-47; dead; N. Y.	8 dams	28	12,541	3.5	439
Sire, 663512; dam, 1504328.	Dif. (6-1-4)		+466	-.2	-10
Owner, Gerow Brothers, Washingtonville.					
BLUEBIRD INKA ORMSBY 802835	6 dau.	6	10,026	3.1	315
Born, 12-16-39; proved, 2-28-47;----; Wis.	6 dams	21	10,212	3.2	329
Sire, 761483; dam, 1731600.	Dif. (2-3-2)		-186	-.1	-14
Owner, Sam A. Smith, Oakfield.					
BORDER PRINCE KOBA 779842	10 dau.	15	13,157	3.5	457
Born, 9-1-38; proved, 2-28-47;----; Ariz.	10 dams	51	12,558	3.7	466
Sire, 719160; dam, 1502591.	Dif. (7-2-4)		+599	-.2	- 9
Owner, Warren H. Kurtz, Glendale.					
CARNATION INKA SEGIS SPOFFORD 784737	19 dau.	22	11,917	3.6	430
Born, 8-24-39; proved, 2-28-47;----; Ill.	14 dau.	16	11,993	3.6	429
Sire, 682062; dam, 1909688.	14 dams	44	9,794	3.4	334
Owner, Winwood Farm, Prairie View.	Dif. (12-10-14)		+2,199	+.2	+95
CARNATION KORNDYKE HOMESTEAD 795672	8 dau.	11	13,036	3.4	440
Born, 4-27-40; proved, 2-28-47;----; Ariz.	5 dau.	7	12,379	3.4	418
Sire, 647922; dam, 1639615.	5 dams	24	11,457	3.4	390
Owner, Sunset Dairy, Tucson.	Dif. (2-3-3)		+922	.0	+28
CARNATION SLOGAN 771575 *10	31 dau.	54	15,033	3.5	519
Born, 9-25-38; proved, 2-11-47; alive; N. Y.	27 dau.	45	15,085	3.4	520
Sire, 682063; dam, 1165147.	27 dams	88	13,876	3.5	487
Owner, Peter Martens, Bainbridge.	Dif. (20-11-18)		+1,209	-.1	+33
CHADEK SIR BELLE FOBES MOOIE 785284	5 dau.	8	13,801	3.4	465
Born, 9-30-38; proved, 2-28-47;----; Wis.	5 dams	11	11,554	3.7	423
Sire, 733932; dam, 1951056.	Dif. (5-0-4)		+2,247	-.3	+42
Owner, Clarence Gosmire, Union Grove.					
CHEROKEE KING DICTATOR 805299	10 dau.	11	13,334	3.5	471
Born, 4-7-40; proved, 2-28-47;----; Iowa.	9 dau.	10	13,090	3.6	465
Sire, 692526; dam. 1779385.	9 dams	18	12,630	3.5	441
Owner, State Hospital, Independence.	Dif. (6-6-7)		+460	+.1	+24
CHRISDELL STAR HOMESTEAD 819081	14 dau.	18	10,172	3.9	396
Born, 12-15-39; proved, 2-28-47;----; N. Y.	12 dau.	16	10,058	3.8	384
Sire, 741690; dam, 1871186.	12 dams	30	10,044	3.8	378
Owner, Lewis Jones, Freedom.	Dif. (5-5-6)		+14	.0	+ 6

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
COLONEL DE KOL KORNDYKE POSCH 829499	5 dau.	7	8,414	3.9	325
Born, 1-25-39; proved, 2-28-47;----; Pa.	5 dams	22	10,610	3.5	374
Sire, 772533; dam, 2250187.	Dif. (1-5-2)		-2,196	+.4	-49
Owner, Lehigh County Home, Allentown.					
COTTONWOOD GOVERNOR 828233	5 dau.	7	11,255	3.6	402
Born, 2-29-40; proved, 2-28-47;----; Calif.	5 dams	20	13,044	3.5	460
Sire, 677055; dam, 1546105.	Dif. (1-4-0)		-1,789	+.1	-58
Owner, E. L. Maddocks, Jr., Gustine.					
DEWEY SPRINGS ORMSBY HERO 777613	12 Dau.	15	13,117	3.3	437
Born, 3-5-39; proved, 2-28-47; dead; Mich.	7 dau.	8	13,756	3.2	443
Sire, 743366; dam, 1731372.	7 dams	15	11,854	3.2	384
Owner, E. E. Knight, Elsie.	Dif. (4-5-4)		+1,902	.0	+59
DIJKSTRA LUCKY STAR 762881	6 dau.	6	9,917	3.6	354
Born, 9-18-37; proved, 2-18-47;----; Pa.	5 dau.	5	10,256	3.5	362
Sire, 698364; dam, 1798024.	5 dams	17	9,523	3.8	363
Owner, Howard H. Baker, Tunkhannock.	Dif. (4-2-3)		+733	-.3	- 1
DIX SIR BESS RUE SPOT 785556	6 dau.	9	12,031	3.3	399
Born, 9-13-39; proved, 2-28-47;----; Wis.	5 dau.	8	11,546	3.3	378
Sire, 589238; dam, 1744009.	5 dams	10	10,687	3.3	347
Owner, Harvey B. Gilbertson, Black River Falls.	Dif. (4-3-4)		+859	.0	+31
DORL ROYAL HOMESTEAD 789594	11 dau.	11	9,900	3.6	354
Born, 7-15-39; proved, 2-28-47;----; Wis.	11 dams	39	10,423	3.6	371
Sire, 676195; dam, 1833592.	Dif. (5-6-5)		-523	.0	-17
Owner, Dorl Farms, Waukesha.					
DUTCHLAND MERCEDES ECHO 50TH 825345	6 dau.	7	10,743	3.3	358
Born, 2-16-39; proved, 2-28-47;----; N. Y.	6 dams	23	10,410	3.4	356
Sire, 81345 CHB.; dam, 361271 CHB.	Dif. (3-5-2)		+333	-.1	+2
Owner, D. M. Ruttenbur & Son, Cherry Creek.					
EASTERN ROSCOE 833760	6 dau.	6	14,784	3.2	469
Born, 4-17-41; proved, 2-28-47; dead; Ky.	6 dams	16	13,880	3.2	450
Sire, 644451; dam, 1944994.	Dif. (5-3-4)		+904	.0	+19
Owner, Eastern Kentucky State Teachers College, Richmond.					
FEMCO BESS BURKE ROYAL (TWIN) 785179	6 dau.	8	9,724	3.8	367
Born, 6-13-39; proved, 2-28-47;----; Wis.	5 dau.	7	9,830	3.7	369
Sire, 697000; dam, 1736531.	5 dams	16	11,366	3.8	435
Owner, Herman C. Tills, Manitowoc.	Dif. (1-4-0)		-1,536	-.1	-66
FEMCO CHALLENGER 785195	13 dau.	14	11,978	3.5	421
Born, 10-14-39; proved, 2-28-47;----; Colo.	13 dams	51	11,245	3.4	378
Sire, 629473; dam, 1432476.	Dif. (7-11-7)		+733	+.1	+43
Owner, J. K. Mullen Home for Boys, Fort Logan.					
FEMCO DICTATOR 780858	11 dau.	14	13,601	3.6	485
Born, 3-4-39; proved, 2-17-47; alive; W. Va.	5 dau.	7	12,901	3.5	457
Sire, 629473; dam, 1802812.	5 dams	12	13,011	3.5	461
Owner, E. Bartow Jones, Point Pleasant.	Dif. (2-3-2)		-110	.0	- 4

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
FIRESTONE KING BESSIE IRIS 714407	12 dau.	13	10,507	3.4	361
Born, 5-20-35; proved, 2-28-47;----; Ohio	10 dau.	11	10,752	3.5	371
Sire, 610509; dam, 1610791	10 dams	43	11,253	3.4	381
Owner, H. E. Abell, Medina.	Dif. (4-6-4)		-501	+.1	-10
FOREST CITY CORNONADO DEAN 824051	16 dau.	24	10,752	3.5	380
Born, 12-10-38; proved, 2-19-47;-----Ohio	9 dau.	13	10,110	3.6	367
Sire, 735223; dam, 1642112.	9 dams	18	12,320	3.4	416
Owner, Cooley Farm, Warrensville.	Dif. (1-7-3)		-2,210	+.2	-49
GILKEY FARMS CRAFTSMAN 827425	6 dau.	9	13,880	3.4	465
Born, 12-9-40; proved, 2-28-47; alive; Iowa.	5 dau.	8	14,142	3.3	469
Sire, 770892; dam, 2039709.	5 dams	12	14,227	3.4	483
Owner, Dairy Genetics Company A.B.A.	Dif. (1-2-1)		- 85	-.1	-14
GORDON GEORGE 804280	16 dau.	25	13,222	3.4	455
Born, 10-6-38; proved, 2-28-47;----; Wis.	15 dau.	23	13,540	3.4	465
Sire, 749282; dam, 2023399.	15 dams	54	12,350	3.4	419
Owner, Fred Schwartz & B. B. Canniff, Watertown	Dif. (10-11-11)		+1,190	.0	+46
GOVERNOR DAWN ARTHUR 790699	5 dau.	5	15,925	4.3	677
Born, 6-1-39; proved, 2-18-47;----; Wis.	5 dams	10	12,093	3.5	427
Sire, 743882; dam, 1914317.	Dif. (5-5-5)		+3,832	+.8	+250
Owner, Walworth County Farm, Elkhorn.					
GREEN HILL ORMSBY BOAST 828085	8 dau.	9	12,741	3.3	425
Born, 1-12-41; proved, 2-28-47; alive; N.Y.	7 dau.	8	12,431	3.3	410
Sire, 704747; dam, 1831567.	7 dams	19	11,969	3.4	406
Owner, Charles A. Lathrop & Son, Sherburne	Dif. (4-4-3)		+462	-.1	+ 4
GREENWOOD DEAN ORMSBY 836260	6 dau.	6	14,351	3.6	517
Born, 11-22-40; proved, 2-28-47;----; Ind.	6 dams	14	14,483	3.5	504
Sire, 769435; dam, 1693053.	Dif. (4-5-4)		-132	+.1	+13
Owner, Ray Meeker & Son, Muncie.					
GROMOR MARATHON LAURA GREAT 845481	6 dau.	6	11,752	3.2	376
Born, 11-11-40; proved, 2-28-47;----; N. Y.	6 dams	23	12,329	3.3	409
Sire, 731349; dam, 1738661.	Dif. (2-2-2)		-577	-.1	-33
Owner, Jacob Kuppens & Sons, Walton.					
HARTHOLM BEAUTY PRINCE 814942	8 dau.	14	10,568	3.9	407
Born, 9-4-38; proved, 2-18-47;----; Mich.	8 dams	18	9,079	3.8	346
Sire, 80684 CHB.; dam, 260867 CHB.	Dif. (7-6-7)		+ 1,489	+.1	+61
Owner, Art Erdman, Minden City.					
HOMSTAFA M M KING 777876	10 dau.	16	10,605	3.3	355
Born, 8-16-38; proved, 2-28-47;----; Wis.	10 dams	46	9,832	3.6	357
Sire, 740133; dam, 1475459.	Dif. (7-2-4)		+ 773	-.3	- 2
Owner, John Madaus, Burlington.					
JACK VEEMAN SEGIS 763512	8 dau.	14	9,622	3.5	340
Born, 10-21-37; proved, 2-18-47;----; N. Y.	7 dau.	12	9,464	3.5	329
Sire, 713954; dam, 1590824.	7 dams	15	12,024	3.3	395
Owner, William Chandler, Almond.	Dif. (0-5-0)		-2,560	+.2	-66

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fa lb
KENTWORTH HEILO ORMSBY JIM 823341	15 dau.	16	11,563	3.6	41
Born, 11-8-39; proved, 2-19-47;----; Mich.	9 dau.	10	11,160	3.7	40
Sire, 738767; dam, 1723245.	9 dams	11	12,155	3.3	39
Owner, Claude L. Wood, Brown City.	Dif. (5-9-5)		-995	+.4	+
KING ORMSBY PIETJE FOBES 704808	12 dau.	27	11,999	3.6	43
Born. 10-14-34; proved, 2-28-47;----; Pa.	11 dau.	26	12,078	3.6	43
Sire, 621420; dam, 1144870.	11 dams	57	12,352	3.5	43
Owner, Ralph F. Erdley, Lewisburg.	Dif. (4-7-4)		-274	+.1	-
MAXFAIR ARISTOCRAT POSCH LANE 801354	8 dau.	8	13,251	3.3	44
Born, 3-4-40; proved, 2-28-47;----; N. Y.	8 dams	23	14,262	3.3	46
Sire, 771243; dam, 1978798.	Dif. (3-5-3)		-1,011	.0	-2
Owner, Eibert Brothers, Marietta.					
MERCER ADMIRAL FOBES BETTY 795349	6 dau.	6	8,409	3.4	29
Born, 5-12-39; proved, 2-28-47;----; Wis.	6 dams	27	9,006	3.6	32
Sire, 653949; dam, 1677535.	Dif. (1-2-0)		-597	-.2	-3
Owner, Mrs. Louis Woerner, Plymouth.					
MILCO BESSIE CREAMELLE ORMSBY 765059	14 dau.	19	8,853	3.7	32
Born, 5-22-38; proved, 2-28-47;----; Wis.	14 dams	69	10,050	3.6	36
Sire, 662501; dam, 1285684.	Dif. (4-10-3)		-1,197	+.1	-3
Owner, Milwaukee County Institution Farms, Milwaukee.					
MISSOURIANA QUAKER 785162	6 dau.	9	9,467	3.7	35
Born, 6-21-37; proved, 2-28-47;----; Mo.	6 dams	20	9,686	3.5	34
Sire, 703649; dam, 1874835.	Dif. (3-3-4)		-219	+.2	+
Owner, William Hetlage, Wright City.					
OAKDALE FOBES PONTIAC LAD 761708	12 dau.	21	7,605	3.1	23
Born, 11-9-37; proved, 2-18-47; dead; Iowa.	10 dau.	18	7,700	3.1	23
Sire, 726030; dam, 1636074	10 dams	21	9,748	3.2	31
Owner, Ray I. Child & Son, Masonville	Dif. (4-4-4)		-2,048	-.1	-7
ORMSBY CORNFLOWER PEACH 777762	16 dau.	29	10,491	3.9	40
Born, 12-23-38; proved, 2-28-47;----; Iowa.	12 dau.	22	10,786	3.9	42
Sire, 731751; dam, 1829348.	12 dams	37	11,586	3.7	42
Owner, Irving Deering, Clermont.	Dif. (4-10-5)		-800	+.2	-
ORMSBY ECHO MUTUAL 764549	10 dau.	17	11,644	3.6	41
Born, 8-26-38; proved, 2-28-47;----; Mich.	8 dau.	13	11,551	3.6	41
Sire, 735620; dam, 1586114.	8 dams	34	11,810	3.8	44
Owner, Roy Lott & Son, Mason.	Dif. (2-1-2)		-259	-.2	-3
OSWEGO RIVER ELM ORMSBY 785478	7 dau.	11	11,557	3.6	41
Born, 10-1-39; proved, 2-28-47;----; N. Y.	6 dau.	9	11,914	3.6	42
Sire, 593178; dam, 1588347.	6 dams	16	11,301	3.6	40
Owner, Lawrence P. Draper, Geneva.	Dif. (5-4-5)		+613	.0	+21
PAGANOK LILLY ORMSBY KING 770614	12 dau.	17	9,971	3.5	35
Born, 10-25-38; proved, 2-28-47; alive; Mo.	11 dau.	16	10,169	3.5	35
Sire, 670545; dam, 1655544.	11 dams	37	10,098	3.5	35
Owner, Mrs. Alma Buckman, Shelbina.	Dif. (5-7-6)		+71	.0	- 2

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
PIEBE HENGERVELD ROBERT 851498	8 dau.	13	9,152	3.5	320
Born, 7-15-39; proved, 2-28-47;----; Pa.	8 dams	16	10,469	3.4	360
Sire, 714457; dam, 1708288.	Dif. (2-4-2)		-1,317	+.1	-40
Owner, Buttermore Brothers, Mount Pleasant.					
PIEBE PINKY ORMSBY LAD 804992	10 dau.	15	11,845	3.8	449
Born, 11-7-39; proved, 2-28-47;----; Va.	9 dau.	14	11,695	3.8	447
Sire, 758600; dam, 1881512.	9 dams	23	12,677	3.5	444
Owner, L. J. Crowgey, Wytheville.	Dif. (2-7-5)		-982	+.3	+3
RAG-HERO BEST SIR COLANTHA YANKEE 832235	7 dau.	7	12,989	3.5	458
Born, 4-14-41; proved, 2-28-47; alive; N. Y.	7 dams	37	13,036	3.5	458
Sire, 565375; dam, 1642361.	Dif. (3-5-4)		-97	.0	0
Owner, Arthur D. Williams, Houghton.					
RANDOLPH BUTTER BOY BERT 835661	5 dau.	5	10,424	3.6	377
Born, 6-16-41; proved, 2-28-47;----; Va.	5 dams	12	8,625	3.5	304
Sire, 708139; dam, 1558525.	Dif. (5-3-5)		+1,799	+.1	+73
Owner, William S. Barksdale, Randolph.					
RETREAT WIMBLEDON KING 749441	13 dau.	19	12,285	3.4	415
Born, 2-12-37; proved, 2-28-47;----; Pa.	9 dau.	12	12,772	3.4	434
Sire, 665017; dam, 1673733.	9 dams	23	11,965	3.7	437
Owner, Earl A. Browning, Wyalusing.	Dif. (6-1-5)		+807	-.3	-3
RICELAND SUPERB CREAMELLE 764045	14 dau.	21	9,770	3.7	366
Born, 4-29-38; proved, 2-18-47;----; N. H.	11 dau.	17	9,888	3.8	372
Sire, 705343; dam, 1338953.	11 dams	35	10,208	3.5	353
Owner, Rice Brothers, Contoocook.	Dif. (6-10-7)		-320	+.3	+19
ROLLING KNOLL INKA LUCIFER 764526	9 dau.	25	9,856	3.4	340
Born, 2-25-38; proved, 2-18-47;----; Md.	9 dams	46	11,081	3.4	381
Sire, 730361; dam, 1148792.	Dif. (2-5-2)		-1,225	.0	-41
Owner, Walter B. Coblentz, Frederick					
ROMARDO ORMSBY CORRECTION 772406	12 dau.	21	9,293	3.9	365
Born, 12-11-38; proved, 2-28-47;----: Wis.	10 dau.	19	9,156	3.9	361
Sire, 693339; dam, 1595060.	10 dams	23	9,717	3.6	347
Owner, Harold Kessler, Burlington.	Dif. (6-8-6)		-516	+.3	+14
R PETE PRIDE KORNDYKE AAGGIE 825656	6 dau.	8	10,459	3.4	351
Born, 9-9-39; proved, 2-28-47; dead; Mich.	6 dams	13	10,927	3.7	399
Sire, 684455; dam, 2147412.	Dif. (3-1-3)		-468	-.3	-48
Owner, Allan Brown & Sons, Brown City.					
RUNNINGWELL VEEMAN 747977	11 dau.	13	9,617	3.4	326
Born, 3-18-37; proved, 2-28-47;----; Mich.	11 dams	24	10,354	3.5	360
Sire, 694557; dam, 1581038.	Dif. (4-5-3)		-737	-.1	-34
Owner, Mrs. C. A. Stimson, Eaton Rapids.					
S B A FRATERNITY INKA LAD 709160	9 dau.	11	12,488	3.7	468
Born, 5-22-35; proved, 2-28-47;----; Kans.	6 dau.	8	11,805	3.7	435
Sire, 635377; dam, 1531611.	6 dams	21	11,989	3.4	413
Owner, Security Benefit Home&Hosp.Assn., Topeka.	Dif. (2-6-4)		-184	+.3	+22

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
SCHUILKILL COLANTHA PIEBE 848392	6 dau.	7	10,733	3.7	402
Born, 10-13-39; proved, 2-28-47;----; Pa.	6 dams	22	10,558	3.5	374
Sire, 740539; dam, 1614639.	Dif. (4-5-5)		+175	+.2	+28
Owner, A. T. Riegel, Landingville.					
SEGIS BLUE GRASS BOY 763757	11 dau.	17	10,795	3.3	360
Born, 7-9-38; proved, 2-28-47; dead; Ky.	9 dau.	14	11,139	3.4	375
Sire, 644451; dam, 1743555.	9 dams	39	10,613	3.4	361
Owner, Arthur H. Clore, Prospect.	Dif. (5-5-5)		+526	.0	+14
SEGIS PIETERTJE COLANTHA LAD 764245	11 dau.	22	12,090	3.5	425
Born, 11-28-37; proved, 2-28-47;----; Mich.	6 dau.	11	12,538	3.4	431
Sire, 721078; dam, 1797404.	6 dams	10	10,512	3.6	377
Owner, Charles Heckathorn, Three Oaks.	Dif. (5-3-6)		+2,026	-.2	+54
SIR ADMIRAL POSCH 777504	6 dau.	8	10,982	3.5	383
Born, 10-25-38; proved, 2-18-47;----; N. Y.	6 dams	18	10,251	3.6	372
Sire, 661108; dam, 1748654.	Dif. (3-3-3)		+731	-.1	+11
Owner, Charles L. Shapley, Guilford.					
SIR BESS BLACKBIRD 837320	7 dau.	7	11,194	3.5	393
Born, 9-23-39; proved, 2-19-47;----; Wis.	6 dau.	6	11,293	3.5	400
Sire, 701417; dam, 1763182.	6 dams	19	11,859	3.5	412
Owner, B. J. Gillmore & Sons, Bristol.	Dif. (2-4-2)		-566	.0	-12
SIR BESSIE DENVER 886947	9 dau.	9	12,394	3.4	415
Born, 3-30-40; proved, 2-28-47;----; Pa.	9 dams	33	12,854	3.4	440
Sire, 662999; dam, 2149737.	Dif. (3-4-4)		-460	.0	-25
Owner, Raymond Strickland, Nicholson.					
SIR DOUGLAS BURKE PRIDE GERB-COLAN A 799843	8 dau.	9	13,060	3.9	514
Born, 9-18-39; proved, 2-11-47; alive; Pa.	7 dau.	8	13,921	4.0	551
Sire, 660575; dam, 1743009.	7 dams	24	14,209	3.6	518
Owner, Sherman Spotts, Beech Creek.	Dif. (5-5-4)		-288	+.4	+33
SIR EMPIRE POSCH ORMSBY 763430	14 dau.	26	9,979	3.5	349
Born, 10-10-37; proved, 2-18-47;----; Minn.	7 dau.	12	10,271	3.4	350
Sire, 677985; dam, 1643162.	7 dams	9	10,336	3.2	334
Owner, John F. Casey, Prior Lake.	Dif. (3-7-4)		- 65	+.2	+16
SIR FIFI BEITY ADMIRAL FOBES 774225	8 dau.	17	11,169	3.5	393
Born, 8-7-38; proved, 2-18-47;----; Wis.	7 dau.	16	11,341	3.5	396
Sire, 734421; dam, 1883390.	7 dams	46	11,392	3.9	445
Owner, Roland Dittmar, South Milwaukee.	Dif. (5-1-0)		- 51	-.4	-49
SIR POSCH ORMSBY VEEMAN 704466	10 dau.	13	14,104	3.1	433
Born, 12-20-34; proved, 2-28-47; dead; Iowa.	8 dau.	11	14,228	3.0	433
Sire, 651543; dam, 940062.	8 dams	24	12,365	3.5	432
Owner, Leonard Rensink, Boyden.	Dif. (7-1-5)		+1,863	-.5	+ 1
SOWISCOL KING PRIDE 769487	8 dau.	10	10,722	3.7	394
Born, 7-17-38; proved, 2-28-47;----; Wis.	6 dau.	7	10,615	3.7	389
Sire, 724675; dam, 1847445.	6 dams	11	11,945	3.3	396
Owner, J. W. Snyder, Clinton.	Dif. (2-5-3)		-1,330	+.4	- 7

olstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
RINGSYKE ORMSBY SENATOR 704312	8 dau.	12	10,280	3.6	369
rn, 2-8-35; proved, 2-28-47;----; Md.	5 dau.	7	10,820	3.5	377
re, 560249; dam, 1301240.	5 dams	8	10,417	3.3	340
ner, Herbert S. Ford, Galena.	Dif. (2-4-4)		+403	+.2	+37
P S SIR BEETS DISTINCTION 761846	10 dau.	14	10,717	3.3	356
rn, 3-21-38; proved, 2-18-47;----; Wis.	8 dau.	12	10,645	3.3	355
re, 674823; dam, 1343466.	8 dams	15	10,973	3.3	359
ner, Harold Tenner, Melrose.	Dif. (2-5-3)		-328	.0	- 4
RAMLAWN CREATOR CONDUCTOR 749012	10 dau.	16	10,837	3.6	390
rn, 9-21-37; proved, 2-28-47;----; Kans.	10 dams	38	11,479	3.5	399
re, 714625; dam, 1477049.	Dif. (5-7-5)		-642	+.1	- 9
ner, Carel Pults, Horton.					
NNYBANK KING BURKE 826300	6 dau.	6	12,898	3.8	492
rn, 2-1-41; proved, 2-28-47;----; Iowa.	6 dams	25	14,020	3.5	489
re, 740361; dam, 2044013.	Dif. (2-6-3)		-1,122	+.3	+3
ner, Spies & Lein, Graettinger.					
UPREME PRIDE 839143	15 dau.	15	12,833	3.6	463
rn, 3-11-38; proved, 2-28-47; dead; N. Y.	10 dau.	10	12,440	3.7	462
re, 825540; dam, 300943 CHB.	10 dams	12	12,379	3.7	454
ner, Northmoor, Inc., Amenia.	Dif. (7-7-6)		+61	.0	+8
HAIN MARATHON COLANTHA 814837	8 dau.	9	10,436	3.4	351
rn, 5-6-40; proved, 2-28-47; dead; Idaho.	8 dams	25	10,988	3.2	351
re, 741290; dam, 2107802.	Dif. (3-6-6)		-552	+.2	0
ner, Earl H. Shumway, Franklin.					
AN HORNE FARMSTEAD BLEND 817660	8 dau.	9	12,894	3.6	461
rn, 3-23-40; proved, 2-18-47; dead; N. Y.	6 dau.	6	12,362	3.5	432
re, 723045; dam, 1913279.	6 dams	9	12,523	3.5	435
ner, Morrisville Agricultural & Technical Inst., Morrisville.	Dif. (2-3-3)		-161	.0	- 3
AIT FARM MERCEDES ORMSBY JUDGE 2D 784635	12 dau.	18	10,943	3.6	399
rn, 2-18-39; proved, 2-28-47;----; N. Y.	8 dau.	11	11,090	3.7	411
re, 738678; dam, 1731861.	8 dams	20	13,075	3.5	464
ner, H. R. Wait Company, Auburn.	Dif. (2-6-3)		-1,985	+.2	-53
AIT FARM POSCH PROGRESS 784642	7 dau.	7	12,233	3.6	445
rn, 8-1-39; proved, 2-28-47; dead; N. Y.	7 dams	26	12,830	3.4	441
re, 740581; dam, 1541958.	Dif. (3-5-4)		-597	+.2	+4
ner, Walter A. Dence, Baldwinsville.					
LLMAR MATADOR SIR SEGIS 794527 *10	12 dau.	19	10,375	3.4	353
rn, 5-26-39; proved, 2-17-47;----; Minn.	12 dams	48	12,544	3.3	414
re, 667753; dam, 1456562.	Dif. (1-10-1)		-2,169	+.1	-61
ner, Willmar State Hospital, Willmar.					
SOF ORMSBY SENSATION FOBES 805738	11 dau.	17	13,143	3.9	508
rn, 12-21-39; proved, 2-28-47;----; Wis.	9 dau.	14	12,975	3.9	510
re, 681047; dam, 1892136.	9 dams	31	11,950	3.9	467
ner, Oregon State Farm, Oregon.	Dif. (5-7-6)		+1,025	.0	+43

Holstein	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
YARBA KING ORMSBY BURKE 716127	9 dau.	27	12,110	3.6	437
Born, 2-15-35; proved, 2-28-47;----; Pa.	9 dams	58	12,061	3.3	395
Sire, 637214; dam, 1776217.	Dif. (5-9-6)		+49	+.3	+42
Owner, Thomas Clement, Lincoln University.					
35*HM82900 (BANGS OR TB EARTAG)	8 dau.	10	9,171	3.5	319
Born,----; proved, 2-28-47;----; Wis.	8 dams	20	10,890	3.3	355
Sire,----; dam,----.	Dif. (1-8-1)		-1,719	+.2	-36
Owner, Herman Hefty, Mount Horeb.					
JERSEY					
AMES POGIS CAPTAIN 393655	12 dau.	15	8,497	5.4	456
Born, 12-22-37; proved, 2-19-47; dead; Mo.	12 dams	47	8,038	5.1	414
Sire, 358036; dam, 1034943.	Dif. (7-7-8)		+ 459	+.3	+42
Owner, W. N. Burney, Aurora.					
BEAU SYBIL FAIR PLAY 386093	18 dau.	28	8,506	5.0	428
Born, 11-17-36; proved, 2-19-47;----; Pa.	16 dau.	24	8,550	5.0	427
Sire, 361089; dam, 1075227.	16 dams	47	7,829	5.2	404
Owner, Roy Robison & Son, Coal Center.	Dif. (10-8-9)		+ 721	-.2	+23
BRAMPTON ROYAL BASILEUS 402428	11 dau.	15	5,656	5.2	295
Born, 8-31-38; proved, 2-19-47;----; Ill.	9 dau.	13	5,796	5.2	304
Sire, 91299; dam, 79278.	9 dams	29	5,963	4.8	288
Owner, J. A. Roffey & Sons, Elmwood.	Dif. (4-6-4)		-167	+.4	+16
CLOVERCREST KEYNOTER ROWER 401786	9 dau.	12	9,003	5.0	451
Born, 8-27-38; proved, 2-19-47;----; Maine	7 dau.	10	9,139	5.0	455
Sire, 379095; dam, 1025528.	7 dams	21	8,772	5.2	457
Owner, Pine Hill Farms, Waterville.	Dif. (4-0-4)		+ 367	-.2	- 4
COLLEGIATE KING 403642	9 dau.	10	6,587	5.3	347
Born, 7-31-39; proved, 2-28-47; dead; Conn.	9 dams	25	6,838	5.1	346
Sire, 393089; dam, 1145814.	Dif. (4-5-5)		-251	+.2	+1
Owner, Raymond F. Whitney, Monroe.					
CORONATION DAIRYLIKE 380352 *9	50 dau.	137	6,807	5.6	381
Born, 8-21-36; proved, 2-28-47;----; Pa.	45 dau.	123	6,692	5.6	376
Sire, 228799; dam, 959836.	45 dams	225	6,799	5.4	369
Owner, Edward C. Erk, Seelyville.	Dif. (25-30-27)		-107	+.2	+ 7
DESIGN CORONATION MELL 386913	7 dau.	11	6,603	5.5	362
Born, 11-3-37; proved, 2-19-47;----; Ohio.	6 dau.	10	6,665	5.5	365
Sire, 363578; dam, 1029654.	6 dams	19	9,422	5.1	477
Owner, Lloyd Fisher & Son, Carroll.	Dif. (0-6-0)		-2,757	+.4	-112
FOX ROSEBUD TORONO 349070	7 dau.	12	6,285	5.0	31[illegible]
Born, 11-4-30; proved, 2-28-47; dead; Mich.	5 dau.	7	6,563	4.9	32[illegible]
Sire, 295953; dam, 626712.	5 dams	10	9,297	5.1	476
Owner, John Watling, Bath.	Dif. (1-2-0)		-2,734	-.2	-15[illegible]

Jersey	Animals (number)	Records averaged	Milk lb.	Test %	Fat lb.
GIANT GOLDMOST 404667	7 dau.	9	9,469	5.4	516
Born, 10-26-38; proved, 2-19-47; alive; Mich.	7 dams	27	8,230	5.5	451
Sire, 338021; dam, 1107248.	Dif. (6-3-7)		+1,239	-.1	+65
Owner, Ira D. Cronkright, Webberville.					
GLORIA'S WEXFORD BOY 402446	8 dau.	9	5,902	5.4	316
Born, 8-23-38; proved, 2-19-47; -----; Pa.	7 dau.	8	5,784	5.3	308
Sire, 357358; dam, 993979.	7 dams	11	7,663	5.2	399
Owner, Stanley A. Koontz, Bedford.	Dif. (3-4-2)		-1,879	+.1	-91
GRAYBURN SPORTING STANDARD 380731 *9	37 dau.	50	6,886	5.5	380
Born, 2-9-36; proved, 2-19-47; dead; N. H.	33 dau.	43	6,810	5.6	379
Sire, 64932 CJCC.; dam, 58799 CJCC.	33 dams	96	7,209	5.4	386
Owner, Far Hills Farm, Walpole.	Dif. (16-22-17)		-399	+.2	- 7
HILLYLAND SULTAN 361918	6 dau.	6	7,880	5.1	405
Born, 11-15-33; proved, 2-19-47; -----; Conn.	6 dams	10	6,219	5.3	332
Sire, 334501; dam, 958770.	Dif. (4-2-3)		+1,661	-.2	+73
Owner, Thomas Clark, Scotland.					
IDYL POGIS 362178	7 dau.	11	6,791	5.4	367
Born, 2-17-34; proved, 2-28-47; -----; La.	6 dau.	10	6,576	5.4	357
Sire, 216516; dam, 900728.	6 dams	21	6,767	5.1	345
Owner, E. E. Spears, Haynesville.	Dif. (2-4-3)		-191	+.3	+12
IMP. WONDERFUL KING 393089	16 dau.	29	7,331	5.6	411
Born, 3-10-33; proved, 2-28-47; -----; N. Y.	12 dau.	18	7,670	5.6	427
Sire, P. S. 6404 H.; dam, P. S. 36939 H.	12 dams	58	9,062	5.0	451
Owner, Ira Z. Payne, East Schodack.	Dif. (1-11-2)		-1,392	+.6	-24
LORD KARNAK OF U. L. C. 339929	26 dau.	76	8,957	5.1	452
Born, 2-2-28; proved, 2-28-47; -----; Calif.	6 dau.	17	9,415	5.0	468
Sire, 212786; dam, 640779.	6 dams	19	9,530	4.8	461
Owner, Clifford Church, Hanford.	Dif. (3-4-3)		-115	+.2	+7
OWL TORONO GOLDEN PRINCE 392492	12 dau.	16	8,538	5.0	429
Born, 1-6-38; proved, 2-28-47; -----; Minn.	8 dau.	10	9,213	4.9	456
Sire, 352506; dam, 1126171.	8 dams	29	7,350	5.3	391
Owner, Arvin Lippert, Bertha.	Dif. (7-1-7)		+1,863	-.4	+65
RALEIGH DOUBLE DESIGNER 405474	16 dau.	18	8,150	5.4	438
Born, 1-28-39; proved, 2-28-47; -----; Kans.	14 dau.	16	8,239	5.4	441
Sire, 354680; dam, 1118299.	14 dams	31	8,304	5.2	436
Owner, Don A. Rider, Bethel.	Dif. (8-7-10)		-65	+.2	+5
SIMONE NOBLE RALEIGH 360791	10 dau.	13	7,582	5.1	385
Born, 2-1-34; proved, 2-28-47; dead; Ga.	10 dams	27	7,233	5.2	373
Sire, 319246; dam, 923974.	Dif. (6-5-6)		+349	-.1	+12
Owner, Allen's Invalid Home, Milledgeville.					
STANDARD OXFORD JOLLY 394718	6 dau.	7	7,163	5.5	395
Born, 8-29-37; proved 2-28-47; -----; Iowa.	5 dau.	6	7,217	5.6	406
Sire, 344674; dam, 1003112.	5 dams	12	5,690	6.2	353
Owner, Clarence Butterfield, Winthrop.	Dif. (5-2-4)		+1,527	-.6	+53

Jersey	Animals (number)	Records averaged	Milk lb.	Test %	F l
SULTAN VALIANT KEEPER 406280	8 dau.	10	6,404	5.9	3
Born, 12-25-38; proved, 2-19-47;----; Maine	6 dau.	7	6,957	5.8	4
Sire, 374566; dam, 1080859	6 dams	9	6,762	5.6	3
Owner, E. G. Rowe, Newport.	Dif. (4-3-5)		+195	+.2	+
SYBIL MASTERMAN MERRIMAC 407164	19 dau.	26	7,653	5.4	4
Born, 7-10-39; proved, 2-28-47;----; Vt.	16 dau.	22	7,616	5.5	4
Sire, 305849; dam, 1098974.	16 dams	45	7,803	5.4	4
Owner, Whitehall Farm, Windsor.	Dif. (6-11-8)		-187	+.1	-
U. N. H. SIGNAL GALAHAD 415487	8 dau.	10	9,905	4.5	4
Born, 10-28-40; proved, 2-20-47;----; N. H.	8 dams	37	9,287	4.7	4
Sire, 390018; dam, 1028731.	Dif. (5-3-5)		+618	-.2	+
Owner, New Hampshire A.B.A.					
VIOLA'S TRIXIE GAMBOGE 405578	9 dau.	9	9,460	5.6	5
Born, 9-30-39; proved, 2-28-24;----; Oreg.	7 dau.	7	9,437	5.6	5
Sire, 360347; dam, 913922.	7 dams	22	9,179	5.2	4
Owner, A. R. Forster & Sons, Tangent.	Dif. (4-5-4)		+ 258	+.4	+
WATTERN MOOR SULTAN 349277 *5	28 dau.	55	7,364	5.0	3
Born, 9-16-32; proved, 2-28-47;----; N. Y.	28 dams	119	6,877	5.1	3
Sire, 276360; dam, 868266.	Dif. (17-12-18)		+487	-.1	+
Owner, Lake Placid Club, Lake Placid.					
WEXFORD KARNAK POET 360523	6 dau.	8	7,301	5.4	3
Born, 8-4-33; proved, 2-28-47;----; Wis.	5 dau.	7	7,671	5.4	4
Sire, 346484; dam, 742697.	5 dams	15	6,535	5.6	3
Owner, Burton Bloss & Son, Pawnee City.	Dif. (4-3-4)		+1,136	-.2	+
WONDERFUL MOOR DREAMER 405150	5 dau.	5	8,407	5.5	4
Born, 10-22-39; proved, 2-19-47; alive; Iowa	5 dams	18	8,342	5.2	4
Sire, 393089; dam, 868266.	Dif. (2-4-4)		+ 65	+.3	+
Owner, I. O. Bartz, Rudd.					
406501	14 dau.	22	9,502	5.2	4
Born,----; proved, 2-20-47; alive; Mo.	14 dams	42	8,374	5.3	4
Sire,----; dam,----.	Dif. (11-5-10)		+1,128	-.1	+
Owner, Maurice Saffarans, Palmyra.					
SHORTHORN					
BORG'S SUNNY MINSTREL 1935480	5 dau.	5	7,548	3.8	2
Born, 4-25-38; proved, 2-28-47;----; Wis.	5 dams	16	7,930	3.8	3
Sire, 1413346; dam, 1701403.	Dif. (2-2-2)		-382	.0	-
Owner, Loren J. Lycans, DePerre.					
MARYDALE ROYAL DAIRYMAN 1856151	9 dau.	12	7,340	3.9	2
Born, 12-8-35; proved, 2-20-47;----; Wis.	7 dau.	9	7,513	3.9	2
Sire, 1800422; dam, 1663396.	7 dams	15	8,783	3.7	3
Owner, Theodore Rye & Sons, Avalon.	Dif. (3-6-3)		-1,270	+.2	-

Shorthorn	Animals (number)	Records averaged	Milk lb.	Test lb.	Fat lb.
NORTHWOOD CHIEF 25th (TWIN) 1853013	10 dau.	20	6,983	3.8	266
Born, 7-5-35; proved, 2-20-47; ----; Mich;	10 dams	46	7,617	3.8	292
Sire, 1413346; dam, 1208759.	Dif. (5-3-4)		-634	.0	-26
Owner, C. I. Brown & Son, Kalamazoo.					
OAKREST PURE GOLD 1907987	6 dau.	11	6,011	3.7	220
Born, 4-14-37; proved, 2-28-47; -----; Minn.	5 dau.	9	6,625	3.7	246
Sire, 1799249; dam, 1674549.	5 dams	16	6,648	3.6	238
Owner, Henry C. Hinrichs, Red Wing.	Dif. (2-4-2)		- 23	+.1	+ 8
SUNNYSIDE PATRIOT 1857153	5 dau.	8	7,477	4.1	304
Born, 4-20-35; proved, 2-20-47; ----; Wis.	5 dams	23	9,030	3.9	353
Sire, 1722674; dam, 1757059.	Dif. (2-5-2)		-1,553	+.2	-49
Owner, George H. Arnold & Son, Avalon.					

AMERICAN DAIRY CATTLE CLUB SIRES

LOCUST LAWN'S LUCKY LOUIE 297
(This sire is also a registered Guernsey "Locust Lawn's Lucky Louie 262182." Proved Sire data included in Guernsey listing.)

MOUNT HOPE KASHGAR 22	9 dau.	19	9,434	4.3	406
Born, 3-18-37; proved, 2-12-47; dead; N. Y.	6 dau.	14	9,580	4.1	395
Sire, 21; dam, 52.	6 dams	11	11,603	4.1	481
Owner, John D. Rockefeller, Jr., Tarrytown.	Dif. (0-3-1)		-2,023	.0	-86
RAINBOW CADET 99	13 dau.	24	8,944	3.4	302
Born, 4-16-38; proved, 2-27-47; -----; Ohio.	9 dau.	17	8,507	3.5	294
Sire, 5; dam, 35.	9 dams	17	8,799	3.5	305
Owner, J. S. Dixon, Orwell.	Dif. (4-6-4)		-292	.0	-11

Breed, American 17456
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MARCH 1947

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

JUN 1 1947

Dairy-Herd-Improvement-Association Letter Vol. 23, No. 4

April 1947

INCREASING NUMBERS OF PRODUCTION RECORDS ARE BEING REPORTED

More production records were reported by association supervisors (on Form BDI-718) during the first 3 months of 1947 than in any similar period since 1942. The total number reported was 51,179, which represents the production records for 6.6 percent of the cows on test in associations January 1, 1947.

New York led the States in number of records reported, with a total of 7,820. Wisconsin was second, with 6,369, and Pennsylvania was third with 6,220 records reported.

West Virginia led the States in percentage of records reported. Eight States reported a total number of production records equal to 10 percent or more of the cows on test. They are:

	Percent		Percent
West Virginia	16.3	New York	10.9
Vermont	16.2	Iowa	10.8
Virginia	12.1	Maryland	10.4
Kansas	11.1	Michigan	10.2

The table on page 2 shows the number of records reported by States, during the first 3 months of 1947.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1946 AND 1947

	1947 (First 3 months)						1946
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported By-- American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Cows for which production records were reported 2/
	Number	Number	Percent	Number	Number	Number	Number
AIA	(3)	0	---------	0	0	0	36
ARIZ	5,577	119	2.1	0	0	0	1,325
ARK	0	0	---------	0	0	0	0
CALIF	137,276	1,675	1.2	0	85	11	2,927
COLO	4,283	342	8.0	0	35	16	1,019
CONN	10,000	1	.01	0	320	96	2,773
DEL	1,943	0	---------	0	5	0	732
FLA	(3)	0	---------	0	9	0	0
GA	3,188	52	1.6	3	0	0	214
HAWAII	430	11	2.6	0	0	0	155
IDAHO	5,006	258	5.2	0	6	0	767
ILL	35,615	412	1.2	50	69	212	7,499
IND	19,969	559	2.8	23	107	67	1,971
IOWA	28,105	3,027	10.8	0	39	130	10,696
KANS	7,488	830	11.1	0	112	20	3,285
KY	5,691	283	5.0	5	0	0	627
LA	1,350	17	1.3	0	0	0	59
MAINE	8,298	622	7.5	0	45	0	2,984
MD	13,423	1,398	10.4	0	180	3	4,863
MASS	8,685	116	1.3	37	213	36	842
MICH	37,708	3,844	10.2	0	120	115	7,779
MINN	38,047	2,329	6.1	5	0	35	8,426
MISS	2,251	0	---------	0	0	0	0
MO	11,951	790	6.6	0	12	7	2,243
MONT	3,636	108	3.0	0	0	0	732
NEBR	2,319	0	---------	4	2	15	396
NEV	990	2	.2	0	0	0	247
N. H	5,173	198	3.8	10	75	4	1,541
N. J	20,482	1,427	7.0	0	5	36	6,456
N. MEX	1,776	0	---------	0	0	0	0
N. Y	71,900	7,820	10.9	264	748	116	24,810
N. C	4,676	2	.04	0	81	0	0
N. DAK	0	0	---------	0	0	0	0
OHIO	23,241	1,513	6.5	3	292	98	4,782
OKLA	2,168	61	2.8	0	0	0	104
OREG	14,184	1,049	7.4	9	1	13	548
PA	63,604	6,220	9.8	30	565	31	26,608
P. R	1,100	0	---------	0	0	0	0
R. I	603	27	4.5	0	37	0	0
S. C	0	0	---------	0	0	3	0
S. DAK	1,172	38	3.2	0	0	14	99
TENN	4,092	207	5.1	0	0	0	412
TEX	5,849	64	1.1	0	0	0	319
UTAH	7,958	447	5.6	0	0	0	1,016
VT	17,402	2,815	16.2	14	136	28	9,178
VA	31,427	3,800	12.1	0	0	0	6,896
WASH	23,533	1,368	5.8	0	29	13	8,976
W. VA	5,715	933	16.3	0	57	4	2,521
WIS	75,145	6,369	8.1	28	67	258	16,973
WYO	1,117	26	2.3	0	0	0	0
U. S	775,546	51,179	6.6	476	3,452	1,381	173,936

1/Includes cows enrolled since January 1, 1947.
2/Production records reported on BDI-718.
3/No report.

DHIA PROVED-SIRE RECORDS TABULATED IN MARCH 1947

Following is a list of 358 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in March 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BAY STATE SAILOR 45840----------	7 daughters---	13	8,087	3.9	316
Born, 12-31-31; proved, 3-17-47;----; N. H.	5 daughters---	10	7,820	3.9	306
Sire, 41763; dam, 106797.	5 dams--------	20	9,421	3.9	363
Herd Owner, Walter A. Scamman, Stratham.	Difference----	(1-3-1)	-1,601	.0	-57
CACAPON ADVERTISER 63775----------	5 daughters---	5	7,181	4.4	313
Born, 3-2-40; proved, 3-17-47; dead ; W. Va.	5 dams--------	16	8,562	4.1	351
Sire, 58118; dam, 167472.	Difference----	(0-4-1)	-1,381	+.3	-38
Herd Owner, Fayne Wymer, Jane Lew.					
CAROLINA'S CLARK GABLE 63395----------	6 daughters---	6	9,198	4.1	381
Born, 2-19-40; proved, 3-17-47; alive; N. C.	6 dams--------	15	9,193	4.0	372
Sire, 41263; dam, 175610.	Difference----	(3-4-3)	+ 5	+.1	+ 9
Herd Owner, Piedmont Dairy Research Farm, Statesville.					
FOREST VU SUNNY FAVORITE 62428----------	6 daughters---	10	6,870	4.3	295
Born, 8-18-39; proved, 3-21-47;----; Md.	6 dams--------	13	8,427	4.2	351
Sire, 54000; dam, 162613.	Difference----	(2-4-2)	-1,557	+.1	-56
Herd Owner, Mrs. Edwin I. Cissel, West Friendship.					
FORT HILL PRINCE FASCINATOR 68021----------	12 daughters--	14	6,684	4.2	279
Born, 11-23-39; proved, 3-11-47;----; Mass.	12 dams-------	34	8,057	3.9	317
Sire, 57986; dam, 225161.	Difference----	(4-10-4)	-1,373	+.3	-38
Herd Owner, Fort Hill Farm, Amherst.					
HAWKSWOOD'S PRUDENTIAL 64633----------	5 daughters---	5	9,426	4.2	395
Born, 7-17-40; proved, 3-21-47;----; Vt.	5 dams--------	19	8,673	3.9	338
Sire, 53305; dam, 159274.	Difference----	(2-5-4)	+753	+.3	+57
Herd Owner, Jordan F. Atwood, Wells River.					
HIMROD'S GOLDEN SUNSHINE 63488----------	6 daughters---	6	6,444	4.2	271
Born, 1-4-40; proved, 3-21-47; dead; N. Y.	6 dams--------	14	6,418	4.2	271
Sire, 48643; dam, 150739.	Difference----	(3-3-4)	+ 26	.0	0
Herd Owner, Wayne F. Foster, Cherry Creek.					
JESSIE'S LETO LAD OF NEWARK 60920----------	7 daughters---	9	10,692	4.2	447
Born, 2-20-39; proved, 3-17-47; alive; N. Y.	6 daughters---	8	10,869	4.1	448
Sire, 43336; dam, 128506.	6 dams--------	21	10,146	4.2	428
Herd Owner, Hutchby & Cooper, Newark.	Difference----	(4-3-3)	+723	-.1	+20
LOYALMEADE KING 64186----------	7 daughters---	8	10,047	4.5	453
Born, 11-5-39; proved, 3-17-47;----; Pa.	6 daughters---	7	10,604	4.5	475
Sire, 54924; dam, 167093.	6 dams--------	21	10,333	3.9	399
Herd Owner, C. Bryan Baker, Newville.	Difference----	(4-5-5)	+271	+.6	+76
LUSTRE LINDY OF NEWARK 64081----------	8 daughters---	10	9,681	4.1	399
Born, 3-7-40; proved, 3-21-47; dead; N. Y.	7 daughters---	9	9,632	4.2	404
Sire, 59309; dam, 165072.	7 dams--------	20	8,997	4.1	373
Herd Owner, Elwood M. Peck, Hilton.	Difference----	(4-4-5)	+635	+.1	+31
MARY SNYDER'S FIRST MAN 59877----------	7 daughters---	9	7,490	4.1	308
Born, 5-12-38; proved, 3-27-47;----; Del.	7 dams--------	17	6,428	4.2	267
Sire, 51565; dam, 196068.	Difference----	(5-4-6)	+1,062	-.1	+41
Herd Owner, Louise Rutledge, Townsend.					
NESHAMINY WHITE OAK 44910----------	15 daughters--	35	9,414	4.2	396
Born, 11-3-31; proved, 3-20-47;----; Pa.	6 daughters---	13	9,183	4.0	371
Sire, 32215; dam, 76910.	6 dams--------	19	9,713	4.0	387
Herd Owner, Neshaminy Farms, Newtown.	Difference----	(4-4-4)	-530	.0	-16
PENSHURST DOUBLE E. C. 66112----------	7 daughters---	7	9,130	4.0	369
Born, 8-29-40; proved, 3-11-47;----; Pa.	6 daughters---	6	9,174	4.0	364
Sire, 44910; dam, 202681.	6 dams--------	19	7,049	4.1	292
Herd Owner, Ardrossan Farms, Ithan.	Difference----	(5-2-6)	+2,125	-.1	+72
PENSHURST LAST FOREMOST 58249----------	8 daughters---	11	7,969	3.9	308
Born, 12-9-37; proved, 3-17-47; dead; Ariz.	8 dams--------	16	5,584	4.5	252
Sire, 43060; dam, 96321.	Difference----	(8-1-6)	+2,385	-.6	+56
Herd Owner, L.J.Lewis & L.D.Klemmedson,Phoenix.					

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PENSHURST MAGNETO 58786----------	6 daughters---	9	7,335	3.9	285
Born, 3-6-38; proved, 3-20-47;----; N. Y.	6 dams--------	28	8,133	4.1	331
Sire, 50792; dam, 166963.	Difference----	(1-2-1)	-798	-.2	-46
Herd Owner, O. L. Scutt & Son, Portville.					
PINEHURST ROAMER 58387----------	8 daughters---	18	8,292	4.1	342
Born, 11-20-37; proved, 3-17-47;----; N. C.	6 daughters---	14	7,826	4.2	331
Sire, 28567; dam, 139242.	6 dams--------	33	9,604	4.2	401
Herd Owner, The North Carolina Sanatorium, Sanatorium.	Difference----	(0-4-0)	-1,778	.0	-70
RING WINNER 61942----------	8 daughters---	8	9,565	3.6	346
Born, 10-20-38; proved, 3-20-47; dead; Idaho.	8 dams--------	16	8,304	3.8	318
Sire, 53918; dam, 96885.	Difference----	(6-3-5)	+1,261	-.2	+28
Herd Owner, Bonnie Acres, Nampa.					
SCOT-AYR TRUE FORM 59057----------	12 daughters--	18	8,025	3.9	317
Born, 2-27-38; proved, 3-17-47;----; N. Y.	12 dams-------	57	9,070	3.9	350
Sire, 51655 imp.; dam, 175269.	Difference----	(4-10-4)	-1,045	.0	-33
Herd Owner, John Wigsten, Elmira.					
SNOWFLAKE OF BOX ELDER 61945----------	8 daughters---	14	8,192	3.9	316
Born, 6-15-39; proved, 3-11-47;----; Wis.	6 daughters---	11	8,285	3.9	323
Sire, 56892; dam, 194325.	6 dams--------	19	9,673	3.6	350
Herd Owner, Henry Graff, Kewaunee.	Difference----	(2-6-2)	-1,388	+.3	-27
STRATHGLASS GALLANT KNIGHT 46769----------	7 daughters---	15	8,388	4.0	337
Born, 9-7-32; proved, 3-20-47;----; Colo.	6 daughters---	13	7,916	4.0	317
Sire, 42181; dam, 113670.	6 dams--------	13	8,688	4.1	354
Herd Owner, John Knifton & Son, Sterling.	Difference----	(2-2-2)	-772	-.1	-37
STRATHGLASS MAJOR DOUGLAS 46646----------	17 daughters--	54	9,234	3.9	360
Born, 3-13-33; proved, 3-20-47;----; Pa.	7 daughters---	22	9,167	4.0	363
Sire, 41921 imp.; dam, 60792.	7 dams--------	17	8,472	3.9	334
Herd Owner, Masonic Homes Farm, Elizabethtown.	Difference----	(5-3-6)	+695	+.1	+29
SUITSUS IRA 58501----------	17 daughters--	26	7,640	4.1	315
Born, 11-10-37; proved, 3-26-47;----; Pa.	16 daughters--	24	7,621	4.1	315
Sire, 50338; dam, 196456.	16 dams-------	88	6,877	4.0	273
Herd Owner, Carroll Decker, Factoryville.	Difference----	(11-14-11)	+744	+.1	+42
TALISMAN FOOTHOLD 60737----------	13 daughters--	14	7,959	4.1	326
Born, 12-3-38; proved, 3-31-47;----; N. H.	13 dams-------	30	9,177	4.0	368
Sire, 56717; dam, 195070.	Difference----	(3-10-3)	-1,218	+.1	-42
Herd Owner, S. O. Sargent, Concord.					
WILLOWHAUGH SWANKY ROYAL, IMP. 68064----------	7 daughters---	8	9,805	4.0	390
Born, 11-19-36; proved, 3-21-47; alive; Kans.	7 dams--------	18	8,339	4.2	347
Sire, 45430; dam, 248027.	Difference----	(4-4-6)	+1,466	-.2	+43
Herd Owner, G. Fred Williams, Hutchinson.					
BROWN SWISS SIRES					
BETTY'S IMPROVER OF ROSELAND 44285----------	8 daughters---	10	9,032	4.3	389
Born, 1-2-39; proved, 3-17-47; dead; Ill.	7 daughters---	8	8,884	4.4	390
Sire, 28036; dam, 59775.	7 dams--------	37	10,564	4.1	429
Herd Owner, A. P. Luft, Tremont.	Difference----	(1-7-1)	-1,680	+.3	-39
BOB'S FRED OF MARYDALE FARMS 45093----------	9 daughters---	14	9,655	3.9	381
Born, 7-30-39; proved, 3-21-47; dead; Ill.	9 dams--------	23	9,587	3.8	362
Sire, 37324; dam, 45918.	Difference----	(4-7-6)	+ 68	+.1	+19
Herd Owner, Joseph P. Savage, Lafox.					
CARLO OF SPRING VALLEY 37351----------	11 daughters--	13	10,844	4.0	434
Born, 10-26-36; proved, 3-11-47;----; Ind.	8 daughters---	10	10,321	4.1	422
Sire, 27137; dam, 41637.	8 dams--------	16	9,502	3.9	374
Herd Owner, Lester W. Pratt & Sons, Union City.	Difference----	(5-7-6)	+819	+.2	+48
CAROLINE'S BROWN BARON BOY 44622----------	12 daughters--	16	8,113	4.2	342
Born, 8-7-39; proved, 3-27-47;----; Ind.	7 daughters---	9	8,072	4.2	337
Sire, 34125; dam, 45319.	7 dams--------	19	8,737	4.0	349
Herd Owner, Phillips Brothers, Muncie.	Difference----	(2-5-2)	-665	+.2	-12
DESIGN'S VIKING OF ROSELAND 40212----------	10 daughters--	16	9,977	3.9	391
Born, 12-9-37; proved, 3-11-47; dead; Ill.	9 daughters---	14	9,973	3.9	391
Sire, 29090; dam, 26409.	9 dams--------	28	10,002	4.1	408
Herd Owner, Louis Sauder, Pekin.	Difference----	(5-3-4)	- 29	-.2	-17
KING NORTH 39346----------	10 daughters--	16	8,681	4.1	357
Born, 1-1-38; proved, 3-17-47;----; Iowa.	9 daughters---	13	8,842	4.2	367
Sire, 34104; dam, 45465.	9 dams--------	39	9,066	4.3	391
Herd Owner, J. N. McKibben, Garwin.	Difference----	(4-5-5)	-224	-.1	-24

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
NORA'S BUSTER OF VERNON 39595----------	15 daughters--	28	11,386	4.0	455
Born, 10-2-37; proved, 3-21-47;----; Iowa.	14 daughters--	26	11,725	4.0	468
Sire, 25739; dam, 49723.	14 dams-------	59	10,322	4.1	421
Herd Owner, Walter H. Kruempel, Arlington.	Difference----	(10-7-10)	+1,403	-.1	+47
PRINCE R. OF ROLLING ROCK FARMS 43215----------	5 daughters---	10	8,337	3.8	318
Born, 4-9-39; proved, 3-21-47;----; Pa.	5 dams--------	11	8,798	4.0	353
Sire, 36497; dam, 55244.	Difference----	(1-1-1)	-461	-.2	-35
Herd Owner, H. P. Kennedy & Son, Valencia.					
ROSCOE OF SWISSDALE 43547----------	6 daughters---	6	9,216	4.2	386
Born, 11-15-38; proved, 3-21-47; dead; Minn.	6 dams--------	9	10,880	4.1	450
Sire, 34648; dam, 46256.	Difference----	(1-3-1)	-1,664	+.1	-64
Herd Owner, Barrett & Fransen, Fairmont.					
ROYAL JANE'S AMBASSADOR OF VERNON 40112----------	12 daughters--	15	11,023	4.2	461
Born, 12-4-37; proved, 3-31-47; alive; S. C.	10 daughters--	13	11,312	4.1	468
Sire, 33458; dam, 55497.	10 dams-------	15	9,618	3.7	360
Herd Owner, Clemson Agricultural College, Clemson.	Difference----	(8-9-8)	+1,694	+.4	+108
SELDE 43598----------	8 daughters---	8	10,303	3.8	390
Born, 10-20-38; proved, 3-21-47; dead; Minn.	8 dams--------	18	7,902	3.8	303
Sire, 36700; dam, 49804.	Difference----	(8-4-8)	+2,401	.0	+87
Herd Owner, Rudolph L. Bode, Courtland.					
SPENCER FARM'S HAZEL'S CINN 45404----------	8 daughters---	9	8,836	4.3	380
Born, 6-3-39; proved, 3-21-47; dead; Mich.	8 dams--------	25	10,900	3.9	427
Sire, 29376; dam, 65175.	Difference----	(0-7-3)	-2,064	+.4	-47
Herd Owner, Max Eifert & Son, Mason.					
TOM OF EVERGREEN VIEW 43336----------	9 daughters---	13	10,760	4.0	434
Born, 12-16-38; proved, 3-21-47;----; Iowa.	9 dams--------	19	11,623	4.0	463
Sire, 33406; dam, 37670.	Difference----	(5-6-6)	-863	.0	-29
Herd Owner, Lynn Mischke, Churdan.					
UNSELFISH 40021----------	9 daughters---	9	10,580	3.6	381
Born, 1-1-38; proved, 3-17-47;----; Kans.	7 daughters---	7	10,333	3.5	366
Sire, 22532; dam, 30792.	7 dams--------	32	9,897	3.9	384
Herd Owner, Henry Duwe, Freeport.	Difference----	(4-1-4)	+436	-.4	-18
VAN ETTA'S JACK OF SHERMANHURST 44705----------	6 daughters---	10	8,898	4.0	354
Born, 12-5-38; proved, 3-27-47;----; Iowa.	6 dams--------	17	9,930	3.9	389
Sire, 27333; dam, 32221.	Difference----	(1-3-2)	-1,032	+.1	-35
Herd Owner, Edward DeBoer, Hospers.					
WILLOW DALE LAD 44868----------	10 daughters--	10	10,688	4.2	445
Born, 8-23-39; proved, 3-17-47;----; Pa.	9 daughters---	9	10,840	4.1	445
Sire, 41655; dam, 19895.	9 dams--------	33	11,012	3.8	420
Herd Owner, H. S. Hicks & Son, Tyrone.	Difference----	(2-9-4)	-172	+.3	+25
GUERNSEY SIRES					
AUGUST KING SUPREME 263283 *10----------	12 daughters--	21	5,379	5.1	276
Born, 7-28-38; proved, 3-31-47;----; Va.	11 daughters--	19	5,405	5.1	277
Sire, 237966; dam, 429184.	11 dams-------	28	6,348	4.7	296
Herd Owner, E. F. Barnhart, Boone Mill.	Difference----	(2-8-4)	-943	+.4	-19
BAYVILLE MAXIM'S CARNATION 279538----------	10 daughters--	10	7,451	4.7	351
Born, 7-23-39; proved, 3-17-47;----; Va.	7 daughters---	7	7,238	4.8	346
Sire, 198772; dam, 316867.	7 dams--------	15	7,153	4.9	350
Herd Owner, T. K. McKee & Son, Chilhowie.	Difference----	(6-3-4)	+ 85	-.1	- 4
BEAU GESTE OF BOULDER BRIDGE 274071----------	9 daughters---	13	6,439	5.2	335
Born, 10-3-38; proved, 3-24-47;----; Iowa.	9 dams--------	35	7,071	4.9	347
Sire, 231663; dam, 479311.	Difference	(2-7-4)	-632	+.3	-12
Herd Owner, Roy Crawford, Jesup.					
BEECHWOOD REFEREE 232419----------	6 daughters---	9	6,872	4.9	337
Born, 8-15-35; proved, 3-11-47;----; Pa.	6 dams--------	12	7,158	5.0	359
Sire, 130281; dam, 235742.	Difference----	(2-1-1)	-286	-.1	-22
Herd Owner, C. E. Cassel & Son, Hummelstown.					
BLAKEFORD SHOGUN 258993----------	28 daughters--	49	8,000	4.7	377
Born, 2-9-38; proved, 3-17-47;----; Wis.	24 daughters--	42	7,991	4.7	376
Sire, 236474; dam, 414141.	24 dams-------	90	8,030	4.9	395
Herd Owner, Sunny Lea Farms, Oconomowoc.	Difference----	(11-9-7)	- 39	-.2	-19
CESOR GENERAL'S SUPREME 275237----------	5 daughters---	6	8,591	4.5	391
Born, 7-12-38; proved, 3-27-47;----; Ind.	5 dams--------	10	9,129	4.7	428
Sire, 208540; dam, 319234.	Difference----	(1-3-1)	-538	-.2	-37
Herd Owner, James T. Stephenson, Danville.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CLARA'S SLOGAN 235630----------	12 daughters--	12	6,873	4.5	311
Born, 3-4-33; proved, 3-17-47;----; Wis.	7 daughters---	7	6,986	4.4	309
Sire, 197139; dam, 223956.	7 dams--------	14	6,876	4.9	338
Herd Owner, B. Maxant, Cambria.	Difference----	(4-2-3)	+110	-.5	-29
CORONATION VICTORY 262017----------	6 daughters---	6	8,051	4.9	397
Born, 1-12-38; proved, 3-12-47;----; Mass.	5 daughters---	5	7,813	4.9	383
Sire, 241114; dam, 317414.	5 dams--------	16	7,497	4.6	346
Herd Owner, D. J. Galusha, Williamstown.	Difference----	(4-3-4)	+316	+.3	+37
ESSIE'S VALOR 278706----------	8 daughters---	12	7,257	5.0	364
Born, 4-22-39; proved, 3-24-47;----; Pa.	7 daughters---	10	7,038	5.1	357
Sire, 205223; dam, 391679.	7 dams--------	19	7,457	5.0	373
Herd Owner, C. E. Cassel & Son, Hummelstown.	Difference----	(2-4-3)	-419	+.1	-16
FANNING FIELD'S HENRY 285822----------	5 daughters---	6	8,836	4.8	423
Born, 4-12-39; proved, 3-12-47; dead; N. C.	5 dams--------	17	7,936	4.8	383
Sire, 246109; dam, 340596.	Difference----	(5-2-3)	+900	.0	+40
Herd Owner, Fanning Fields Farm, Arden.					
FINE ACTOR OF BROOKE'S CROSS 272083----------	6 daughters---	6	9,282	4.6	423
Born, 9-22-39; proved, 3-17-47;----; Iowa.	6 dams--------	18	9,196	4.6	426
Sire, 253410; dam, 411167.	Difference----	(2-3-2)	+ 86	.0	- 3
Herd Owner, Lakeside Farm, Marion.					
GARROD'S APOLLO OF ARLINGTON 251533----------	8 daughters---	12	7,166	5.2	369
Born, 1-16-37; proved, 3-27-47; dead; Mich.	7 daughters---	10	7,186	5.1	368
Sire, 207718; dam, 216710.	7 dams--------	23	7,112	5.0	359
Herd Owner, William R. & Fred J.Garrod,Lawrence.	Difference----	(5-4-3)	+ 74	+.1	+ 9
GAYHEAD'S SOLDIER 232841----------	9 daughters---	11	8,518	4.5	387
Born, 8-23-34; proved, 3-11-47; dead; N. Y.	6 daughters---	8	7,829	4.6	357
Sire, 202913; dam, 249393.	6 dams--------	12	6,905	4.5	311
Herd Owner, Henry L. Nielsen, Warwick.	Difference----	(3-3-4)	+924	+.1	+46
GOLDEN GRANGE A. C. CONTRIBUTION 281731----------	7 daughters---	8	8,963	4.4	390
Born, 2-6-39; proved, 3-17-47;----; Ind.	7 dams--------	18	9,816	4.6	453
Sire, 248732; dam, 578714.	Difference----	(3-1-3)	-853	-.2	-63
Herd Owner, Preachers Aid Society, Parker.					
GOLDEN NEATER BUTTERBOY 257418----------	7 daughters---	25	5,990	4.9	291
Born, 4-15-36; proved, 3-27-47;----; Pa.	6 daughters---	21	5,902	4.8	283
Sire, 233330; dam, 377621.	6 dams--------	20	7,565	5.0	378
Herd Owner, Charles Campbell, Emlenton.	Difference----	(2-1-1)	-1,663	-.2	-95
GOOSE VALLEY ANDY 235249----------	6 daughters---	9	6,749	5.0	337
Born, 12-21-35; proved, 3-21-47;----; Pa.	6 dams--------	19	5,510	5.2	287
Sire, 208937; dam, 401975.	Difference----	(4-1-4)	+1,239	-.2	+50
Herd Owner, Konhaus Farms, Mechanicsburg.					
HAVEN HILLS FERN'S NEPTUNE 245563----------	6 daughters---	9	8,424	5.0	417
Born, 3-28-36; proved, 3-27-47; dead; Mich.	6 dams--------	20	7,353	5.1	374
Sire, 202481; dam, 197098.	Difference----	(5-2-5)	+1,071	-.1	+43
Herd Owner, Howard Loew, Byron Center.					
HER-MIL'S PAL 308544----------	7 daughters---	7	8,601	5.1	438
Born, 1-4-41; proved, 3-24-47; dead; Mich.	7 dams--------	26	6,849	5.3	362
Sire, 209379; dam, 660207.	Difference----	(6-2-5)	+1,752	-.2	+76
Herd Owner, Harry Baumunk & Son, Big Rapids.					
JOHNSON'S GRACE'S PETER 283686----------	8 daughters---	19	8,106	5.9	476
Born, 12-6-38; proved, 3-18-47; dead; Wis.	8 dams--------	30	7,584	5.5	416
Sire, 173653; dam, 541885.	Difference----	(5-6-7)	+522	+.4	+60
Herd Owner, Glen Johnson, Baraboo.					
KLONDIKE GAHAGAN 208329 *8----------	18 daughters--	33	6,063	5.0	301
Born, 9-24-32; proved, 3-31-47;----; Va.	17 daughters--	32	6,159	5.0	306
Sire, 117256; dam, 248969.	17 dams-------	44	6,202	4.9	303
Herd Owner, H. N. Barnhart, Boone Mill.	Difference----	(7-12-8)	- 43	+.1	+ 3
LADY'S GIFT OF REYNOLDSVILLE 279721----------	11 daughters--	20	7,519	4.8	364
Born, 1-15-37; proved, 3-24-47;----; Pa.	10 daughters--	16	7,582	4.8	362
Sire, 183247; dam, 508247.	10 dams-------	24	8,782	4.3	382
Herd Owner, Mead Buhite, Reynoldsville.	Difference----	(5-7-4)	-1,200	+.5	-20
LANGWATER CAPTAIN 276214----------	9 daughters---	11	6,686	4.4	294
Born, 11-3-38; proved, 3-31-47;----; Pa.	5 daughters---	6	6,102	4.3	263
Sire, 252899; dam, 550741.	5 dams--------	8	7,287	4.7	346
Herd Owner, C. E. Cassel & Son, Hummelstown.	Difference----	(1-0-0)	-1,185	-.4	-83
LENARDO OF THORN HILL 235712----------	12 daughters--	22	7,183	5.1	366
Born, 12-28-35; proved, 3-21-47;----; Ill.	12 dams-------	33	7,047	4.8	336
Sire, 167543; dam, 269742.	Difference----	(9-10-8)	+136	+.3	+30
Herd Owner, Rolling Acres, Elgin.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAID'S TOP OF OAK GROVE 279407----------	9 daughters---	9	7,429	5.0	373
Born, 7-27-39; proved, 3-24-47;----; Pa.	7 daughters---	7	7,559	5.1	386
Sire, 228454; dam, 302862.	7 dams--------	26	8,327	4.7	389
Herd Owner, Arnold Brothers, Beaver Falls.	Difference----	(2-7-4)	-768	+.4	- 3
MASSASOIT'S BOY OF FAIRFIELDS 241732 *7----------	26 daughters--	40	8,102	5.0	402
Born, 5-1-35; proved, 3-14-47;----; Mass.	20 daughters--	27	8,419	4.9	417
Sire, 210448; dam, 203190.	20 dams-------	49	8,028	5.0	398
Herd Owner, D. J. Galusha, Williamstown.	Difference----	(12-13-13)	+391	-.1	+19
MASTERPIECE OF FAIRFIELDS 237560 *8----------	12 daughters--	21	7,555	4.9	372
Born, 11-7-34; proved, 3-11-47;----; Mass.	9 daughters---	18	7,549	4.9	369
Sire, 210448; dam, 373474.	9 dams--------	25	7,743	5.0	385
Herd Owner, D. J. Galusha, Williamstown.	Difference----	(4-4-4)	-194	-.1	-16
MAYWOOD NORANDA 283221----------	9 daughters---	13	8,247	4.8	396
Born, 6-3-39; proved, 3-24-47; dead; N. J.	8 daughters---	12	8,336	4.8	403
Sire, 204887; dam, 444728.	8 dams--------	18	8,635	4.9	420
Herd Owner, Miller Farms, Annandale.	Difference----	(3-2-3)	-299	-.1	-17
MCKENZIE MEADOW FERDINAND 278011----------	7 daughters---	8	10,818	5.1	551
Born, 1-7-39; proved, 3-17-47; alive; Oreg.	7 dams--------	29	9,928	4.7	463
Sire, 251892; dam, 453622.	Difference----	(4-5-6)	+890	+.4	+88
Herd Owner, Prairie Bloom Farm, Junction City.					
MEADOW LODGE KING'S PLAYBOY 238411----------	8 daughters---	16	8,780	4.6	406
Born, 7-3-36; proved, 3-12-47;----; Mo.	6 daughters---	12	8,267	4.6	384
Sire, 217428; dam, 419912.	6 dams--------	11	8,308	4.5	374
Herd Owner, Fred Shamberger, Graham.	Difference----	(3-4-2)	- 41	+.1	+10
MEADOW LODGE REX'S MONARCH 255554----------	7 daughters---	12	7,996	4.9	388
Born, 11-29-37; proved, 3-27-47;----; Kans.	7 dams--------	24	7,028	4.8	341
Sire, 159247; dam, 257440.	Difference----	(5-5-5)	+968	+.1	+47
Herd Owner, Sun Farms, Parsons.					
MIDVIEW'S IVANHOE 255213----------	8 daughters---	10	5,885	5.0	294
Born, 6-4-37; proved, 3-27-47; alive; Va.	7 daughters---	9	5,596	5.0	279
Sire, 159163; dam, 351462.	7 dams--------	18	7,928	4.9	386
Herd Owner, K. S. Little, Amelia.	Difference----	(1-5-2)	-2,332	+.1	-107
MIKE OF RHODORA ACRES 277144----------	7 daughters---	8	6,934	5.5	384
Born, 3-3-38; proved, 3-27-47; dead; Mich.	6 daughters---	7	6,522	5.7	372
Sire, 196361; dam, 434014.	6 dams--------	11	7,292	5.3	383
Herd Owner, E. J. Himelberger, Lansing.	Difference----	(1-5-3)	-770	+.4	-11
NEPTUNE'S BUTTER LAD 284700----------	6 daughters---	9	8,737	5.6	491
Born, 11-2-39; proved, 3-12-47; dead; Mich.	5 daughters---	8	8,786	5.6	494
Sire, 245563; dam, 336919.	5 dams--------	12	8,707	4.7	412
Herd Owner, Edward B. Westenfelder, Fremont.	Difference----	(2-5-5)	+ 79	+.9	+82
O-KE-TA-KE LOCKSMAN 253609----------	5 daughters---	7	9,515	4.4	421
Born, 5-16-37; proved, 3-27-47; dead; Mich.	5 dams--------	26	9,155	4.5	414
Sire, 207718; dam, 307143.	Difference----	(3-2-2)	+360	-.1	+ 7
Herd Owner, Fred A. Carlson, Lawrence.					
PALMER'S MAXIM 278363----------	11 daughters--	17	7,533	5.2	388
Born, 4-29-39; proved, 3-24-47;----; Va.	11 dams-------	33	6,907	4.9	338
Sire, 155873; dam, 346980.	Difference----	(9-9-10)	+626	+.3	+50
Herd Owner, George W. Palmer, Green Bay.					
PINE MANOR CONVOY 304383----------	6 daughters---	6	8,008	5.0	397
Born, 11-13-40; proved, 3-18-47;----; Ind.	6 dams--------	15	7,804	4.7	364
Sire, 241114; dam, 388416.	Difference----	(3-5-6)	+204	+.3	+33
Herd Owner, Peter B. Lehman, Decatur.					
PLEASANT RIDGE RAYMOND 312303----------	6 daughters---	9	7,506	4.4	329
Born, 1-27-41; proved, 3-18-47;----; Iowa.	6 dams--------	31	7,463	4.6	345
Sire, 278167; dam, 582129.	Difference----	(4-1-4)	+ 43	-.2	-16
Herd Owner, Will Oelrich & Son, Lamont.					
PURITY MONARCH 253462----------	5 daughters---	5	7,459	4.8	358
Born, 6-2-36; proved, 3-17-47; dead; Wis.	5 dams--------	24	7,128	4.8	343
Sire, 152102; dam, 249853.	Difference----	(3-2-3)	+331	.0	+15
Herd Owner, Purity Farms, Hartland.					
RANCHO FARGO 256116----------	11 daughters--	12	6,352	4.8	303
Born, 5-14-37; proved, 3-31-47;----; Wis.	10 daughters--	11	6,310	4.8	304
Sire, 210384; dam, 257967.	10 dams-------	24	6,583	4.9	322
Herd Owner, A. J. Malin, Genoa.	Difference----	(5-4-3)	-273	-.1	-18
RIVEREDGE MUSSOLINI'S GENERAL 246116----------	14 daughters--	34	6,634	5.1	340
Born, 2-21-37; proved, 3-21-47;----; Pa.	8 daughters---	17	6,459	5.2	336
Sire, 199242; dam, 280052.	8 dams--------	27	7,247	4.7	337
Herd Owner, Sam F. & James Musser, Mohnton.	Difference----	(3-7-4)	-788	+.5	- 1

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ROCKINGHAM CHATTEL 284714----------	10 daughters--	10	9,075	4.8	438
Born, 7-2-39; proved, 3-18-47;----; Pa.	9 daughters---	9	9,488	4.8	460
Sire, 206670; dam, 477780.	9 dams--------	33	9,028	4.8	437
Herd Owner, Amos Bryan, Perkasie.	Difference----	(5-4-7)	+460	.0	+23
SPAR HILL HEIR'S PRINCE 285841----------	7 daughters---	8	7,503	4.8	360
Born, 1-9-40; proved, 3-12-47; alive; Minn.	6 daughters---	7	7,125	4.8	344
Sire, 236860; dam, 441038.	6 dams--------	25	6,529	4.8	315
Herd Owner, Homer Goss, Lewiston.	Difference----	(4-3-4)	+596	.0	+29
STARR FARM ADONIS 264942----------	15 daughters--	24	6,293	5.0	312
Born, 9-15-37; proved, 3-31-47;----; Wis.	12 daughters--	17	6,302	4.9	312
Sire, 160703; dam, 506649.	12 dams-------	36	8,191	4.8	394
Herd Owner, Urban Brunner, Manitowoc.	Difference----	(3-7-2)	-1,889	+.1	-82
STARR FARM CAVALIER 274266----------	20 daughters--	29	6,014	5.3	318
Born, 9-4-38; proved, 3-31-47; dead; Wis.	18 daughters--	25	6,024	5.3	320
Sire, 160703; dam, 474134.	18 dams-------	49	5,985	4.9	296
Herd Owner, Iowa County Asylum, Dodgeville.	Difference----	(11-15-15)	+ 39	+.4	+24
VALLEYWOOD VALIANT KING 256099----------	6 daughters---	10	8,593	5.0	431
Born, 6-6-37; proved, 3-27-47; dead; Md.	5 daughters---	8	8,786	5.0	443
Sire, 200316; dam, 390166.	5 dams--------	11	8,119	5.4	437
Herd Owner, James M. Shriver, Union Mills.	Difference----	(4-1-3)	+667	-.4	+ 6
WELCOME-IN SELECT 239336----------	11 daughters--	26	7,241	4.5	329
Born, 10-18-35; proved, 3-21-47; dead; Ohio.	8 daughters---	21	7,584	4.5	345
Sire, 212019; dam, 380272.	8 dams--------	36	7,242	5.0	359
Herd Owner, E. A. Edelblute & Sons, Ostrander.	Difference----	(5-1-3)	+342	-.5	-14
WESTERN GLOW DAIRY KING 277076----------	7 daughters---	9	8,894	4.9	437
Born, 7-22-39; proved, 3-24-47;----; Wash.	6 daughters---	8	9,259	4.9	450
Sire, 227557; dam, 338557.	6 dams--------	11	8,609	5.2	446
Herd Owner, Charles A. Damon, Bow.	Difference----	(5-3-3)	+650	-.3	+ 4
WEY ACRES GRANDEE'S IRMAN 282115----------	9 daughters---	11	9,639	4.5	433
Born, 9-25-39; proved, 3-24-47;----; Mich.	9 dams--------	21	7,769	4.9	378
Sire, 227277; dam, 399509.	Difference----	(8-2-7)	+1,870	-.4	+55
Herd Owner, Charles E. Wetherald, Grand Blanc.					
WOODSIDE DAISY 4TH'S SUPREME 232842----------	7 daughters---	15	5,345	4.5	240
Born, 1-19-34; proved, 3-21-47; dead; Vt.	5 daughters---	10	5,142	4.3	219
Sire, 174052; dam, 325306.	5 dams--------	10	5,956	4.5	268
Herd Owner, A. T. Smith & Son, Barre.	Difference----	(2-2-2)	-814	-.2	-49
16*BD2725 (BANGS OR TB EARTAG)----------	8 daughters---	9	5,975	5.0	300
Born, ----; proved, 3-31-47;----; Conn.	7 daughters---	7	6,269	5.0	315
Sire, ----; dam, ----.	7 dams--------	13	6,379	4.9	315
Herd Owner, Gasper Pivonka, Ashford.	Difference----	(3-5-5)	-110	+.1	0
34*161012 (BANGS OR TB EARTAG)----------	10 daughters--	17	5,572	4.8	267
Born, ----; proved, 3-14-47; dead; Mich.	10 dams-------	40	6,622	4.8	315
Sire, ----; dam, ----.	Difference----	(2-6-2)	-1,050	.0	-48
Herd Owner, Hjalmer Niemi, Watton.					
51-1250 (DHIA EARTAG)----------	16 daughters--	21	7,530	4.8	364
Born, ----; proved, 3-31-47;----; Md.	10 daughters--	14	7,500	4.6	342
Sire, ----; dam, ----.	10 dams-------	24	7,350	4.6	339
Herd Owner, G. C. Umbarger & Son, Aberdeen.	Difference----	(5-5-4)	+150	.0	+ 3
HOLSTEIN SIRES					
ADMIRAL GERBEN ORMSBY 786272----------	7 daughters---	10	13,754	3.6	495
Born, 5-1-39; proved, 3-28-47; dead; Wis.	7 dams--------	35	11,514	3.7	430
Sire, 751955; dam, 1832521.	Difference----	(6-4-5)	+2,240	-.1	+65
Herd Owner, Glover Farms, Fort Atkinson.					
ADMIRAL ORMSBY JOHANNA KORNDYKE 798434----------	6 daughters---	12	12,195	3.5	421
Born, 1-10-39; proved, 3-31-47; dead; Wis.	6 dams--------	18	10,885	3.7	400
Sire, 714980; dam, 1768917.	Difference----	(4-2-3)	+1,310	-.2	+21
Herd Owner, Benjamin Kohlwey, Grafton.					
ADMIRAL ORMSBY SEGIS VALE 797165----------	7 daughters---	9	12,184	3.6	438
Born, 3-10-39; proved, 3-31-47;----; Wis.	7 dams--------	20	12,750	3.7	469
Sire, 728283; dam, 1937039.	Difference----	(3-3-1)	-566	-.1	-31
Herd Owner, Floyd Payne, Waldo.					
ADMIRAL SPOFFORD ORMSBY VALE 807631----------	5 daughters---	8	11,315	4.0	449
Born, 11-14-39; proved, 3-31-47;----; Wis.	5 dams--------	27	11,303	3.9	436
Sire, 676723; dam, 2094460.	Difference----	(3-3-3)	+ 12	+.1	+13
Herd Owner, Ed. A. Rusch & Sons, Forest Junction.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ADSON PIEBE ORMSBY 805465----------	8 daughters---	12	11,830	3.6	423
Born, 12-14-39; proved, 3-25-47; dead; Ill.	6 daughters---	9	12,531	3.5	443
Sire, 726578; dam, 1932613.	6 dams--------	41	14,043	3.5	488
Herd Owner, August F. Dieckmann, Lebanon.	Difference----	(2-5-2)	-1,512	.0	-45
ALBUS FARM BESSIE WAR KORNDYKE 810013----------	6 daughters---	11	12,874	3.7	473
Born, 8-30-40; proved, 3-31-47;----; Pa.	6 dams--------	15	10,287	3.5	362
Sire, 727548; dam, 1788086.	Difference----	(5-6-6)	+2,587	+.2	+111
Herd Owner, Herbert F. Hunter, Falls.					
AMES ACE ADMIRAL 787210----------	9 daughters---	11	13,431	3.2	433
Born, 8-15-39; proved, 3-28-47;----; Iowa.	7 daughters---	8	13,554	3.2	440
Sire, 749770; dam, 1853298.	7 dams--------	15	12,129	3.3	406
Herd Owner, Iowa State College, Ames.	Difference----	(7-2-5)	+1,425	-.1	+34
AMES ONA PROGRESSOR 749772----------	16 daughters--	41	13,804	3.5	479
Born, 11-24-36; proved, 3-28-47;----; Iowa.	8 daughters---	18	13,227	3.5	462
Sire, 702496; dam, 1663825.	8 dams--------	17	11,145	3.8	419
Herd Owner, Fred Kinne, Eagle Grove.	Difference----	(7-3-5)	+2,082	-.3	+43
AMES ROYAL SENATOR 787204----------	13 daughters--	18	13,149	3.2	418
Born, 10-9-38; proved, 3-31-47;----; Iowa.	13 dams-------	37	12,676	3.4	429
Sire, 726554; dam, 1853299.	Difference----	(9-1-6)	+473	-.2	-11
Herd Owner, Iowa State College, Ames.					
ARKL ANGUS KING BOON SYLVIA 666721----------	8 daughters---	10	9,357	3.3	309
Born, 11-23-31; proved, 3-27-47; dead; N. Y.	7 daughters---	9	9,533	3.4	321
Sire, 467148; dam, 1153985.	7 dams--------	19	9,309	3.5	323
Herd Owner, Carlton Holland, De Kalb Junction.	Difference----	(4-3-4)	+224	-.1	- 2
BAIRDLEA CARNATION PIETERTJE 785737----------	9 daughters---	21	11,651	3.4	395
Born, 3-4-39; proved, 3-31-47; dead; N. Y.	8 daughters---	19	11,638	3.4	398
Sire, 659870; dam, 1566620.	8 dams--------	27	13,146	3.4	443
Herd Owner, Stewart Laroe, Chester.	Difference----	(2-5-1)	-1,508	.0	-45
BAYNEWOOD POSCH REX 770729----------	5 daughters---	9	11,276	3.4	382
Born, 3-23-38; proved, 3-31-47;----; Mich.	5 dams--------	5	11,315	3.4	382
Sire, 655902; dam, 1943113.	Difference----	(2-2-3)	- 39	.0	0
Herd Owner, McKugh & Sperling, Linden.					
BELLE CREST DEAN JACKSON 799359----------	6 daughters---	8	12,698	3.7	471
Born, 4-18-40; proved, 3-31-47;----; Pa.	5 daughters---	7	12,223	3.7	454
Sire, 769435; dam, 1804599.	5 dams--------	12	12,260	3.8	461
Herd Owner, J. Clarence Garber, Lancaster.	Difference----	(2-3-2)	- 37	-.1	- 7
BEREA TRITOMIA SEGIS 809043----------	12 daughters--	16	12,193	3.4	412
Born, 12-8-39; proved, 3-31-47; dead; N. Y.	12 dams-------	33	12,693	3.6	455
Sire, 644451; dam, 1735020.	Difference----	(3-3-3)	-500	-.2	-43
Herd Owner, L. W. Irish, Valatie.					
BERKWOOD QUEEN NIMROD 831291----------	7 daughters---	7	11,583	3.8	438
Born, 10-13-40; proved, 3-31-47;----; Pa.	6 daughters---	6	11,629	3.8	439
Sire, 666928; dam, 2233462.	6 dams--------	15	9,674	4.2	410
Herd Owner, R. H. Dilts & Son, Marion Center.	Difference----	(5-1-4)	+1,955	-.4	+29
BLACK BEAUTY KING DIAMOND 799598----------	8 daughters---	17	13,145	3.5	461
Born, 10-6-38; proved, 3-31-47;----; Iowa.	8 dams--------	18	12,624	3.3	420
Sire, 668432; dam, 1362393.	Difference----	(3-7-5)	+521	+.2	+41
Herd Owner, Stephen Flo, Scarville.					
BONVIEW ORMSBY PATSY ALCARTRA 701860----------	7 daughters---	8	10,700	3.5	370
Born, 2-1-34; proved, 3-18-47;----; Ohio.	6 daughters---	7	10,980	3.5	379
Sire, 643667; dam, 720566.	6 dams--------	11	12,758	3.5	444
Herd Owner, Richman Farms, Lodi.	Difference----	(4-3-4)	-1,778	.0	-65
BORDER PRINCE NETHERLAND VALE 818877----------	10 daughters--	11	11,393	3.2	367
Born, 10-27-40; proved, 3-31-47;----; Ariz.	9 daughters---	10	11,455	3.2	368
Sire, 763787; dam, 1904608.	9 dams--------	34	9,883	3.2	321
Herd Owner, Fairview Dairy, Tucson.	Difference----	(6-4-6)	+1,572	.0	+47
BRANLINE DIAMOND SIR LASSIE 807548----------	8 daughters---	11	13,782	3.5	485
Born, 9-20-39; proved, 3-31-47;----; Wis.	8 dams--------	23	13,333	3.5	467
Sire, 644208; dam, 1730906.	Difference----	(6-7-5)	+449	.0	+18
Herd Owner, Albert O. Brandt, Limeridge.					
CANARY ORMSBY FORES OF MANDALANE 771106----------	9 daughters---	13	10,290	3.5	360
Born, 8-4-38; proved, 3-13-47;----; Wis.	7 daughters---	10	10,724	3.4	367
Sire, 555781; dam, 1157542.	7 dams--------	37	11,905	3.5	411
Herd Owner, Brennan Farm, Elkhorn.	Difference----	(3-5-3)	-1,181	-.1	-44
CANDIDATE CREATOR 804697----------	8 daughters---	11	11,049	3.4	376
Born, 1-31-40; proved, 3-19-47;----; Pa.	6 daughters---	8	11,249	3.4	384
Sire, 734510; dam, 1551254.	6 dams--------	8	12,220	3.4	413
Herd Owner, Farview State Hospital, Waymart.	Difference----	(3-4-3)	-971	.0	-29

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CARNATION BLEND 784745----------	7 daughters---	8	9,239	3.7	343
Born, 10-7-39; proved, 3-13-47;----; Iowa.	6 daughters---	7	9,790	3.8	367
Sire, 629472; dam, 1771823.	6 dams--------	27	14,399	3.2	464
Herd Owner, E. C. Forest & Son, Mount Vernon.	Difference----	(0-6-0)	-4,609	+.6	-97
CARNATION COUNTRY GENTLEMAN (TWIN) 765130---------	18 daughters--	31	12,610	3.7	466
Born, 12-25-37; proved, 3-31-47; dead; Utah.	11 daughters--	20	12,755	3.7	475
Sire, 698462; dam, 1742910.	11 dams-------	33	13,282	3.5	468
Herd Owner, Merrill N. Warnick, Pleasant Grove.	Difference----	(5-7-6)	-527	+.2	+ 7
CARNATION GOVERNOR MUTUAL (TWIN) 677084----------	7 daughters---	13	14,311	3.2	456
Born, 5-28-33; proved, 3-18-47; dead; Wash.	6 daughters---	11	14,367	3.2	455
Sire, 629472; dam, 1203352.	6 dams--------	31	13,547	3.4	464
Herd Owner, Western State Hospital, Fort Steilacoom.	Difference----	(5-2-2)	+820	-.2	- 9
CARNATION PEERLESS VEEMAN 702943----------	15 daughters--	20	15,727	3.1	489
Born, 1-16-35; proved, 3-12-47; dead; Wash.	13 daughters--	17	15,991	3.1	494
Sire, 629480; dam, 1237939.	13 dams-------	21	13,913	3.0	419
Herd Owner, Raschke Brothers, Chehalis.	Difference----	(11-8-11)	+2,078	+.1	+75
CARNATION ROMEO INKA 724948----------	19 daughters--	24	10,453	3.5	369
Born, 3-24-36; proved, 3-27-47; dead; Mich.	18 daughters--	23	10,464	3.5	369
Sire, 422078; dam, 1331658.	18 dams-------	43	9,799	3.4	329
Herd Owner, Starr Commonwealth Farms,Albion.	Difference----	(12-15-14)	+665	+.1	+40
CARYLAND ORMSBY PONTIAC 823917----------	6 daughters---	7	15,295	3.3	497
Born, 12-6-40; proved, 3-31-47;----; Wash.	6 dams--------	19	14,391	3.3	477
Sire, 734524; dam, 1814940.	Difference----	(4-2-3)	+904	.0	+20
Herd Owner, T. Benton Carey, Cowiche.					
CHALKER FARM PEANUT ORMSBY 770146----------	8 daughters---	14	12,743	3.7	466
Born, 9-4-38; proved, 3-12-47; alive; N. J.	5 daughters---	10	12,628	3.7	469
Sire, 579109; dam, 1688465.	5 dams--------	13	13,969	3.5	493
Owner, Cooperative A. B. A. #1, Inc.	Difference----	(1-4-2)	-1,341	+.2	-24
CHASEHOLME SIR ORMSBY POSCH 785407----------	8 daughters---	10	13,172	3.8	504
Born, 2-20-39; proved, 3-13-47; alive; N. Y.	7 daughters---	9	12,527	3.8	471
Sire, 725627; dam, 1622528.	7 dams--------	22	11,384	3.6	412
Herd Owner, Niver Homestead Farm, Ancramdale.	Difference----	(4-5-5)	+1,143	+.2	+59
CHERRYBOLD ADMIRAL FOBES 805118----------	6 daughters---	7	12,644	3.7	468
Born, 4-2-40; proved, 3-31-47;----; Wis.	6 dams--------	24	14,063	3.6	506
Sire, 676723; dam, 1766062.	Difference----	(3-5-3)	-1,419	+.1	-38
Owner, Manitowoc A. B. A.					
CHERRY RIDGE CHAUNCEY 898621----------	12 daughters--	14	13,487	3.5	479
Born, 9-28-40; proved, 3-21-47;----; Pa.	7 daughters---	8	13,871	3.6	497
Sire, 711100; dam, 1907288.	7 dams--------	11	13,272	3.4	457
Herd Owner, Jacob Rowe & Son, Honesdale.	Difference----	(5-5-5)	+599	+.2	+40
CHERRY RIDGE COMMANDER 770438----------	7 daughters---	12	9,760	3.3	326
Born, 2-11-38; proved, 3-19-47;----; Pa.	6 daughters---	10	9,968	3.3	330
Sire, 711100; dam, 1736458.	6 dams--------	14	8,061	3.3	267
Herd Owner, Edwin P. Kilroe, Honesdale.	Difference----	(6-2-6)	+1,907	.0	+63
CHIEF ORMSBY POSCH 770273----------	9 daughters---	9	12,342	3.3	410
Born, 10-3-38; proved, 3-12-47;----; Iowa.	7 daughters---	7	12,369	3.3	406
Sire, 742460; dam, 1851398.	7 dams--------	22	13,380	3.2	425
Herd Owner, Amos Roetman, Hull.	Difference----	(2-4-3)	-1,011	+.1	-19
CHIEF PIEBE COUNT PRIDE GERB-COLAN J 799846-------	8 daughters---	8	9,883	3.7	362
Born, 3-7-40; proved, 3-31-47; alive; N. Y.	7 daughters---	7	10,226	3.6	368
Sire, 444088; dam, 1612030.	7 dams--------	21	11,860	3.5	411
Owner, New York Co-op. A. B. A.	Difference----	(1-5-2)	-1,634	+.1	-43
CHIEFTAIN RAG APPLE BONHEUR 763160----------	8 daughters---	15	11,650	3.8	444
Born, 11-1-37; proved, 3-24-47;----; N. Y.	6 daughters---	12	11,255	3.9	435
Sire, 735114; dam, 1774144.	6 dams--------	9	14,002	3.6	502
Herd Owner, Paul Mosher & Sons, Munnsville.	Difference----	(2-6-2)	-2,747	+.3	-67
CHIEFTAIN VELMA SENSATION 736076----------	5 daughters---	10	11,092	3.3	361
Born, 10-6-36; proved, 3-27-47;----; Minn.	5 dams--------	14	12,086	3.2	387
Sire, 697637; dam, 1667026.	Difference----	(1-4-2)	-994	+.1	-26
Herd Owner, Philip Bredberg, Dunnell.					
CLARINDA BESS CREATOR OLLIE 802319----------	8 daughters---	8	12,297	3.3	401
Born, 4-29-39; proved, 3-31-47;----; Iowa.	8 dams--------	23	10,761	3.5	373
Sire, 547020; dam, 1648064.	Difference----	(5-2-5)	+1,536	-.2	+28
Herd Owner, Clarinda State Hospital, Clarinda.					
CLARINDA ONA MATADOR 746660----------	9 daughters---	16	11,303	3.5	392
Born, 2-6-37; proved, 3-31-47;----; Iowa.	6 daughters---	10	11,552	3.5	407
Sire, 582783; dam, 1444125.	6 dams--------	12	10,971	3.5	380
Herd Owner, Clarinda State Hospital, Clarinda.	Difference----	(3-4-4)	+581	.0	+27

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
COLANTHA KORNDYKE OLLIE (TWIN)773470----------	7 daughters---	7	10,650	3.6	381
Born, 4-4-38; proved, 3-19-47; dead; N. Y.	6 daughters---	6	9,944	3.6	361
Sire, 644883; dam, 1490144.	6 dams--------	24	10,494	3.5	368
Herd Owner, J. Walter Patterson, Hammond.	Difference----	(2-6-3)	-550	+.1	- 7
COLFAX CARNATION ORMSBY RUE 829122----------	10 daughters--	11	11,473	3.6	407
Born, 2-18-41; proved, 3-31-47;----; Iowa.	9 daughters---	10	11,491	3.6	410
Sire, 740309; dam, 1614714.	9 dams--------	19	11,012	3.6	398
Herd Owner,Lester Loveland & Sons, Janesville.	Difference----	(6-4-5)	+479	.0	+12
COLONY AAGGIE WAYNE SIR HEILO 821754----------	20 daughters--	27	11,855	3.5	417
Born, 2-29-40; proved, 3-31-47; alive; Ill.	19 daughters--	26	11,582	3.6	413
Sire, 467933; dam, 338868 CHB.	19 dams-------	76	11,903	3.5	421
Herd Owner, Albert Weber & Sons, Nauvoo.	Difference----	(8-14-8)	-321	+.1	- 8
CORNELL OLLIE GOVERNOR 784668----------	10 daughters--	12	12,716	3.7	468
Born, 5-10-39; proved, 3-25-47; alive; N. Y.	6 daughters---	8	11,548	3.7	423
Sire, 518893; dam, 1701866.	6 dams--------	21	12,270	3.7	450
Herd Owner, Cornell University, Ithaca.	Difference----	(1-4-3)	-722	.0	-27
COUNT MUTUAL ORMSBY POMPADOUR 799595----------	5 daughters---	7	13,744	3.4	462
Born, 7-6-39; proved, 3-31-47;----; Mich.	5 dams--------	15	11,904	3.6	425
Sire, 748220; dam, 1993666.	Difference----	(4-0-3)	+1,840	-.2	+37
Herd Owner, Harry DeLaere, Lansing.					
DAD BOAST BEST SEGIS KIMPRE 17TH 762241----------	9 daughters---	25	12,970	3.6	465
Born, 9-20-37; proved, 3-18-47;----; N. Y.	8 daughters---	23	12,692	3.6	454
Sire, 614240; dam, 1642361.	8 dams--------	37	12,927	3.4	439
Herd Owner, Burton F. Aldrich, Fredonia.	Difference----	(4-7-5)	-235	+.2	+15
DALE DELIGHT SKYLARK FOBES 816240----------	10 daughters--	15	10,087	3.5	352
Born, 1-12-40; proved, 3-31-47;----; Iowa.	8 daughters---	13	10,332	3.5	366
Sire, 788329; dam, 1657861.	8 dams--------	26	10,097	3.6	368
Herd Owner, Harry N. Turner & Family,Postville.	Difference----	(4-3-3)	+235	-.1	- 2
DARBYHURST CHRISDELL IDEAL 807931----------	5 daughters---	7	8,822	3.5	306
Born, 3-3-39; proved, 3-31-47; dead; N. Y.	5 dams--------	7	8,230	3.6	300
Sire, 734274; dam, 2041918.	Difference----	(3-2-3)	+592	-.1	+ 6
Herd Owner, Clifford Ellis, Glenwood.					
DEYO STAR HOMESTEAD MELISSA 746482----------	8 daughters---	10	12,141	3.7	445
Born, 4-25-37; proved, 3-31-47;----; N. Y.	6 daughters---	7	12,660	3.6	458
Sire, 535117; dam, 1622945.	6 dams--------	21	13,050	3.6	472
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference----	(3-3-1)	-390	.0	-14
DOUGLAS TIRANIA LADY FOBES HARK 809376----------	8 daughters---	12	12,057	3.5	422
Born, 3-20-40; proved, 3-31-47;----; Wis.	8 dams--------	25	12,365	3.5	435
Sire, 754051; dam, 1759499.	Difference----	(4-4-3)	-308	.0	-13
Herd Owner, Herbert Zepp, Beaver Dam.					
DOWNHAMDALE HARTOG PLUS 825767----------	6 daughters---	9	12,729	3.5	444
Born, 2-24-39; proved, 3-25-47; dead; Mich.	5 daughters---	7	12,375	3.5	439
Sire, 705002; dam, 316065 CHB.	5 dams--------	8	12,956	3.5	459
Herd Owner, Alvin Harnish, Palms.	Difference----	(3-2-3)	-581	.0	-20
DYKELAND MATADOR WAUKONA 820513----------	5 daughters---	5	11,264	3.5	391
Born, 2-9-40; proved, 3-31-47;----; Wash.	5 dams--------	17	11,288	3.4	380
Sire, 726306; dam, 1936858.	Difference----	(2-5-2)	- 24	+.1	+11
Herd Owner, D. A. Wight, Everson.					
EBENEZER PIPER OLLIE 821410----------	7 daughters---	9	11,707	3.4	395
Born, 9-3-40; proved, 3-19-47; dead; Wis.	7 dams--------	26	11,795	3.4	406
Sire, 787087; dam, 2022909.	Difference----	(2-3-2)	- 88	.0	-11
Herd Owner, Edward Boetcher, Waterloo.					
ECHO PIETJE POSCH 786521----------	15 daughters--	25	10,254	3.4	348
Born, 12-24-38; proved, 3-31-47;----; Pa.	15 dams-------	57	9,021	3.6	326
Sire, 742399; dam, 1319089.	Difference----	(11-4-10)	+1,233	-.2	+22
Herd Owner, Julius Spinner, Honesdale.					
ELBRO CHAMPION ABBEKERK 784872----------	14 daughters--	14	11,187	3.5	390
Born, 10-4-38; proved, 3-13-47;----; Va.	14 dams-------	41	11,541	3.6	411
Sire, 97442 CHB.; dam, 303922 CHB.	Difference----	(5-5-6)	-354	-.1	-21
Herd Owner, Summerdean Farm, Hollins.					
ELKHURST KING 774309----------	10 daughters--	24	9,892	3.3	325
Born, 7-22-38; proved, 3-19-47;----;N. Y.	10 dams-------	72	11,199	3.3	370
Sire, 113848 CHB.; dam, 2026117.	Difference----	(3-4-3)	-1,307	.0	-45
Herd Owner, Walter Griffin, Great Valley.					
ELMSCOTT SIR NONA SARCASTIC 719977----------	12 daughters--	25	11,939	3.1	374
Born, 9-16-35; proved, 3-31-47; dead; Minn.	6 daughters---	13	10,930	3.1	343
Sire, 674327; dam, 1717410.	6 dams--------	14	12,595	3.2	400
Herd Owner, Fred Riepe & Son, Perham.	Difference----	(2-3-2)	-1,665	-.1	-57

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ELMWOOD ORMSBY PRIDE 745546----------	13 daughters--	23	11,052	3.4	372
Born, 10-21-36; proved, 3-27-47; dead; Wis.	13 dams-------	42	12,170	3.3	405
Sire, 699770; dam, 1822520.	Difference----	(2-8-4)	-1,118	+.1	-33
Herd Owner, Arnold Appenfeldt, Juneau.					
ELSAN ORMSBY TRITOMIA 785101----------	7 daughters---	8	9,334	3.8	355
Born, 7-26-39; proved, 3-13-47;----; Iowa.	6 daughters---	7	9,559	3.8	363
Sire, 589676; dam, 1545807.	6 dams--------	21	10,511	3.7	386
Herd Owner, Elmer M. Santman, Dysart.	Difference----	(2-5-3)	-952	+.1	-23
EVERGREEN BELL LUNDE 797514----------	7 daughters---	11	11,269	3.4	379
Born, 12-18-39; proved, 3-31-47;----; N. Y.	7 dams--------	26	12,183	3.4	413
Sire, 676748; dam, 1920007.	Difference----	(2-3-0)	-914	.0	-34
Herd Owner, John Houck & Son, Tully.					
FAIRACRES SUPERIOR LONGFIELD 727789----------	8 daughters---	10	8,347	3.3	278
Born, 9-22-35; proved, 3-24-47;----; Minn.	6 daughters---	8	8,537	3.3	281
Sire, 663346; dam, 1703547.	6 dams--------	13	10,011	3.3	329
Herd Owner, Orval Paschke & H. G. Schwen, Blue Earth.	Difference----	(1-3-1)	-1,474	.0	-48
FAYNE MODEL TRITOMIA MITZI 760286----------	14 daughters--	14	8,655	3.7	323
Born, 9-1-37; proved, 3-31-47; dead; Ohio.	10 daughters--	10	9,029	3.7	338
Sire, 687088; dam, 1403435.	10 dams-------	31	10,344	3.7	380
Herd Owner, Mrs. Louise Aegerter, Hanoverton.	Difference----	(4-4-3)	-1,315	.0	-42
FEMCO ROYAL GUARDSMAN 763166----------	17 daughters--	21	14,839	3.5	516
Born, 3-15-38; proved, 3-18-47; alive; Ill.	12 daughters--	14	14,802	3.5	524
Sire, 697000; dam, 1432477.	12 dams-------	31	12,151	3.4	408
Herd Owner, John P. Case, Naperville.	Difference----	(10-9-11)	+2,651	+.1	+116
FEMCO SIR ROYAL AAGGIE 746418----------	10 daughters--	15	11,582	3.4	388
Born, 10-3-37; proved, 3-31-47; dead; Minn.	5 daughters---	8	11,195	3.5	393
Sire, 697000; dam, 1442945.	5 dams--------	16	9,130	3.4	313
Herd Owner, Fergus Falls State Hospital, Fergus Falls.	Difference----	(5-3-5)	+2,065	+.1	+80
FERNDELL SEGIS PIETERTJE 795362----------	5 daughters---	5	10,112	3.4	340
Born, 3-18-39; proved, 3-28-47;----; Wis.	5 dams--------	15	9,933	3.3	328
Sire, 738308; dam, 1951540.	Difference----	(2-4-3)	+179	+.2	+12
Herd Owner, William J. Figi, Sr., Argyle.					
FORSGATE FORECASTER 806142----------	6 daughters---	6	11,920	3.4	408
Born, 7-3-40; proved, 3-25-47; dead; N. J.	6 dams--------	26	12,008	3.5	414
Sire, 771579; dam, 1429086.	Difference----	(4-4-4)	- 88	-.1	- 6
Herd Owner, State Prison Farm, Bordentown.					
FRAN LO HEILO ORMSBY 816372 *(March 1946)---------	19 daughters--	23	13,922	3.5	494
Born, 11-5-40; proved, 3-26-47; alive; Minn.	17 daughters--	20	14,098	3.5	498
Sire, 784933; dam, 1642094.	17 dams-------	62	12,259	3.4	416
Herd Owner, David Swenson & Son, Spicer.	Difference----	(14-15-15)	+1,839	+.1	+82
FREMEY MERCEDES WAYNE 765154----------	8 daughters---	9	12,705	3.7	464
Born, 2-7-38; proved, 3-18-47;----; Ill.	8 dams--------	25	11,053	3.4	377
Sire, 734371; dam, 1861084.	Difference----	(7-8-8)	+1,652	+.3	+87
Herd Owner, Fred Meyer & Son, South Beloit.					
GENODALE KERK DIAMOND JIM 834222----------	7 daughters---	7	12,839	3.8	488
Born, 4-24-41; proved, 3-31-47; alive; N. Y.	5 daughters---	5	12,634	3.8	475
Sire, 689660; dam, 1999032.	5 dams--------	19	12,915	3.6	471
Herd Owner, Raymond Albrectsen, Ithaca.	Difference----	(2-4-3)	-281	+.2	+ 4
GENODALE WINTERTHUR NEPTUNE 837719----------	7 daughters---	7	14,554	3.6	527
Born, 10-5-41; proved, 3-28-47; alive; N. Y.	7 dams--------	19	12,215	3.6	441
Sire, 671669; dam, 1861006.	Difference----	(6-3-6)	+2,339	.0	+86
Herd Owner, Ernest C. Strobeck, Macedon.					
GERART KING BELLE IODAK 806815----------	6 daughters---	10	13,337	3.4	456
Born, 11-5-39; proved, 3-31-47;----; Iowa.	5 daughters---	9	13,148	3.4	447
Sire, 664029; dam, 1887616.	5 dams--------	10	11,971	3.4	410
Herd Owner, John Munch, Fenton.	Difference----	(4-3-4)	+1,177	.0	+37
GLENWOOD THORN ORMSBY ZEPHYR 810346----------	5 daughters---	6	11,442	3.5	399
Born, 1-24-40; proved, 3-31-47;----; Iowa.	5 dams--------	25	12,007	3.4	408
Sire, 752479; dam, 1917627.	Difference----	(2-4-2)	-565	+.1	- 9
Herd Owner, Glenwood State School, Glenwood.					
GRANVILLE REGINA INKA MAY 764956----------	14 daughters--	21	7,934	3.3	258
Born, 10-7-38; proved, 3-18-47;----; Pa.	12 daughters--	18	8,015	3.3	262
Sire, 705137; dam, 1575023.	12 dams-------	35	11,101	3.3	366
Herd Owner, Bushmont Farm, Montrose.	Difference----	(2-7-2)	-3,086	.0	-104
GREAT MERCURY PRINCE 779928----------	11 daughters--	11	12,876	3.6	462
Born, 3-23-39; proved, 3-21-47; alive; Colo.	9 daughters---	9	12,684	3.6	457
Sire, 645386; dam, 1585980.	9 dams--------	22	11,867	3.5	418
Herd Owner, Joseph L. Gersick, Jr., Pueblo.	Difference----	(7-8-6)	+ 817	+.1	+39

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GREENLOWE PRINCE K P O P B MARYDALE 749527--------	6 daughters---	8	11,560	3.5	410
Born, 2-27-37; proved, 3-31-47;----; N. Y.	6 dams--------	24	11,147	3.5	385
Sire, 489414; dam, 1292996.	Difference----	(4-5-4)	+413	.0	+25
Herd Owner, Ralph Petley, Rockdale.					
HALDANE BESSIE MONONA MIKE 774200----------	6 daughters---	9	12,148	3.4	410
Born, 5-4-38; proved, 3-19-47;----; Iowa.	6 dams--------	15	11,749	3.5	409
Sire, 724073; dam, 1831019.	Difference----	(4-4-3)	+399	-.1	+ 1
Herd Owner, H. J. Dane, Iowa City.					
HAMER ORMSBY POSCH 802761----------	7 daughters---	11	9,997	3.4	340
Born, 1-18-40; proved, 3-25-47;----; Iowa.	7 dams--------	18	11,507	3.5	408
Sire, 749574; dam, 2030861.	Difference----	(1-3-1)	-1,510	-.1	-68
Herd Owner,Anton Heitshusen & Son,South Amana.					
HARTHOLM SIR JOHAN 852857----------	7 daughters---	8	11,334	3.1	353
Born, 10-20-39; proved, 3-14-47; dead; Mich.	7 dams--------	10	10,832	3.5	378
Sire, 101771 CHB.; dam, 316890 CHB.	Difference----	(4-1-2)	+502	-.4	-25
Herd Owner, Frank Merriman, Deckerville.					
HARTOG KORNDYKE PIEBE ORMSBY 757146----------	7 daughters---	18	10,605	3.5	369
Born, 1-30-38; proved, 3-12-47;----; Pa.	7 dams--------	23	11,062	3.5	386
Sire, 706640; dam, 1604477.	Difference----	(3-4-4)	-457	.0	-17
Herd Owner, Mark R. Basehore, Mechanicsburg.					
HENGERVELD MERCEDES AL 745730----------	10 daughters--	18	11,948	3.7	438
Born, 4-8-37; proved, 3-31-47; dead; Mo.	7 daughters---	13	12,169	3.7	447
Sire, 664525; dam, 1568175.	7 dams--------	12	11,639	3.5	412
Herd Owner, Arthur Hartman, Barnard.	Difference----	(4-4-4)	+530	+.2	+35
HENGERVELD PIETERTJE CAESAR 819359----------	6 daughters---	8	9,780	3.5	343
Born, 10-5-40; proved, 3-31-47;----; Iowa.	5 daughters---	7	9,688	3.5	341
Sire, 683503; dam, 1851071.	5 dams--------	19	9,609	3.4	329
Herd Owner, Alfred Kamoss, Lamont.	Difference----	(3-4-3)	+ 79	+.1	+12
HICKORY HILL ORMSBY PONTIAC FORES 797101----------	7 daughters---	10	10,123	3.4	342
Born, 8-30-39; proved, 3-25-47;----; Wis.	7 dams--------	28	11,289	3.3	368
Sire, 759931; dam, 1616220.	Difference----	(2-6-3)	-1,166	+.1	-26
Herd Owner, W.H. Schumann & F.Shower, Mazomanie.					
HIS N O B S 799061----------	6 daughters---	6	12,020	3.6	435
Born, 9-16-39; proved, 3-31-47; alive; Maine.	5 daughters---	5	11,809	3.7	436
Sire, 579109; dam, 1688465.	5 dams--------	8	11,024	3.5	384
Herd Owner, Cummings Brothers, South Paris.	Difference----	(5-5-5)	+785	+.2	+52
HOESLY JOE CASCADE HOMESTEAD INKA 790976----------	10 daughters--	11	11,380	3.5	399
Born, 10-28-39; proved, 3-19-47; dead; Wis.	10 dams-------	25	9,728	3.5	344
Sire, 723295; dam, 1941760.	Difference----	(8-5-8)	+1,652	.0	+55
Herd Owner, Emil A. Legler, Belleville.					
HOLWIS WOODROSE ORMSBY INKA 766927----------	6 daughters---	9	14,280	3.5	496
Born, 9-6-38; proved, 3-18-47;----; Wis.	5 daughters---	8	14,955	3.5	518
Sire, 588786; dam, 1928010.	5 dams--------	17	12,895	3.5	457
Herd Owner, Woodrow Gallman, Fort Atkinson.	Difference----	(5-3-4)	+2,060	.0	+61
HUNTDALE KING INKA ORMSBY 818896----------	6 daughters---	6	7,598	3.5	264
Born, 9-14-40; proved, 3-25-47;----; N. Y.	6 dams--------	14	8,965	3.5	311
Sire, 728302; dam, 1481458.	Difference----	(3-4-2)	-1,367	.0	-47
Herd Owner, I. H. & W. A. Hunt, New Woodstock.					
INKA SUPREME ABBEKERK 810126----------	7 daughters---	11	11,143	4.1	461
Born, 10-29-39; proved, 3-31-47; dead; N. Y.	6 daughters---	9	11,126	4.1	461
Sire, 124558 CHB.; dam, 2068873.	6 dams--------	17	11,241	4.1	461
Herd Owner, Somes Brothers, Memphis.	Difference----	(3-3-4)	-115	.0	0
INVERLEA MASTERPIECE 817739----------	6 daughters---	6	12,630	3.5	443
Born, 10-10-40; proved, 3-25-47; dead; N. Y.	6 dams--------	15	10,318	3.5	362
Sire, 126507 CHB.; dam, 314643 CHB.	Difference----	(5-3-6)	+2,312	.0	+81
Herd Owner, Beatty Farm, Kingston.					
IOWANA ORMSBY TRITOMIA PRINCE 769950----------	7 daughters---	14	12,783	3.5	446
Born, 8-28-38; proved, 3-24-47;----; Iowa.	6 daughters---	11	12,876	3.5	457
Sire, 559527; dam, 1084272.	6 dams--------	24	12,304	3.4	419
Herd Owner, Anthony H. Brus, Long Grove.	Difference----	(4-4-4)	+572	+.1	+38
JOHANNA PRILLY INKA SENSATION 795144----------	5 daughters---	8	9,256	3.6	329
Born, 1-15-39; proved, 3-31-47;----; Wis.	5 dams--------	35	12,208	3.4	415
Sire, 722288; dam, 1441704.	Difference----	(0-5-0)	-2,952	+.2	-86
Herd Owner, Joe E. Moriarty, Watertown.					
JOHANNES WEE WONDER MERCEDES BOY 785544----------	5 daughters---	7	12,420	3.3	406
Born, 5-8-39; proved, 3-19-47; dead; Wis.	5 dams--------	15	13,152	3.5	464
Sire, 653436; dam, 1670171.	Difference----	(3-1-1)	-732	-.2	-58
Herd Owner, Albert Johannes, Jr., Two Rivers.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KINDLEUP HOESLY BESSIE HOMESTEAD 720672 *8--------	25 daughters--	54	10,298	3.4	348
Born, 7-8-35; proved, 3-14-47; dead; Wis.	8 daughters---	17	9,842	3.3	326
Sire, 686342; dam, 1278919.	8 dams--------	25	10,429	3.4	358
Herd Owner, Fred & Karl Wild, Belleville.	Difference----	(3-3-3)	-587	-.1	-32
KING ABBEKERK ORMSBY FOBES 4TH 785670----------	8 daughters---	8	10,219	3.7	376
Born, 8-11-39; proved, 3-31-47;----; Ind.	8 dams--------	21	8,475	3.9	327
Sire, 669878; dam, 1456268.	Difference----	(7-3-6)	+1,744	-.2	+49
Herd Owner,George Bissonnette & Son, Wolcott.					
KING BELMONT ORMSBY LAD 754589----------	18 daughters--	29	10,278	4.1	418
Born, 1-5-38; proved, 3-12-47; alive; Minn.	17 daughters--	27	10,229	4.1	416
Sire, 715862; dam, 1567589.	17 dams-------	40	12,122	3.5	419
Herd Owner,Tilney Farms & Charles Hiatt, Lewisville.	Difference----	(4-15-9)	-1,893	+.6	- 3
KING BESSIE HOMESTEAD ROSE HILL 769742----------	17 daughters--	27	11,194	3.6	398
Born, 11-7-38; proved, 3-18-47;----; Ind.	15 daughters--	23	11,007	3.6	392
Sire, 711837; dam, 1711253.	15 dams-------	37	11,429	3.6	414
Herd Owner, White Oak Farm, Yorktown.	Difference----	(7-8-5)	-422	.0	-22
KING BESSIE PLUS MAUD 763860----------	10 daughters--	11	12,324	3.7	453
Born, 6-20-38; proved, 3-31-47;----; Wis.	10 dams-------	36	10,099	3.4	347
Sire, 688252; dam, 1696072.	Difference----	(8-7-8)	+2,225	+.3	+106
Herd Owner, Pierce & Meinders, Randolph.					
KING DENVER CREAMELLE 770622----------	7 daughters---	8	12,502	3.4	431
Born, 1-12-39; proved, 3-24-47; dead; N. Y.	7 dams--------	15	10,580	3.5	373
Sire, 734574; dam, 1883968.	Difference----	(6-3-5)	+1,922	-.1	+58
Herd Owner, Harley R. Phelps & Son, North Bay.					
KING ECHO SWEET 725245----------	10 daughters--	13	11,325	3.3	379
Born, 6-8-36; proved, 3-31-47;----; Kans.	8 daughters---	10	10,733	3.4	367
Sire, 542808; dam, 1575216.	8 dams--------	16	11,122	3.5	388
Herd Owner, Saint Joseph's Orphan Home,Abilene.	Difference----	(3-5-3)	-389	-.1	-21
KING ELLEN ORMSBY 759276----------	9 daughters---	10	9,024	3.5	319
Born, 9-24-37; proved, 3-28-47; dead; Wis.	9 dams--------	40	9,272	3.3	309
Sire, 685870; dam, 1453339.	Difference----	(2-9-5)	-248	+.2	+10
Herd Owner, Joe Anderson, Winneconne.					
KING FLOYD EBENEZER HOMESTEAD 724402----------	8 daughters---	12	11,062	3.5	382
Born, 11-8-35; proved, 3-18-47; dead; Wis.	7 daughters---	10	11,103	3.4	380
Sire, 697680; dam, 1835848.	7 dams--------	20	8,198	3.3	274
Herd Owner, Fred H. Digman & Son, Monroe.	Difference----	(7-5-7)	+2,905	+.1	+106
KING HENGERVELD INKA MAY VALE 762027----------	9 daughters---	10	12,966	3.5	450
Born, 11-18-37; proved, 3-18-47; dead; Wis.	5 daughters---	6	13,419	3.5	466
Sire, 717785; dam, 947001.	5 dams--------	9	12,273	3.5	429
Herd Owner, William & Dean Sayre, Jefferson.	Difference----	(3-4-3)	+1,146	.0	+37
KING JOHANNA OF ROSEDALE 748432----------	9 daughters---	26	11,581	3.3	379
Born, 12-17-36; proved, 3-28-47; dead; Ohio.	6 daughters---	18	11,806	3.3	394
Sire, 705740; dam, 1683033.	6 dams--------	40	12,915	3.4	436
Herd Owner, Main & Main, Ostrander.	Difference----	(1-3-1)	-1,109	-.1	-42
KING ONA PONTIAC PINE CREEK 764656----------	20 daughters--	45	12,134	3.4	418
Born, 1-31-36; proved, 3-31-47;----; Pa.	18 daughters--	38	12,087	3.5	418
Sire, 497506; dam, 1379597.	18 dams-------	55	10,356	3.5	365
Herd Owner, Mill Brook Farm, Mill Hall.	Difference----	(15-9-13)	+1,731	.0	+53
KING POSCH ORMSBY CHALLENGER 779431----------	9 daughters---	11	10,096	3.7	371
Born, 1-4-39; proved, 3-19-47; dead; N. Y.	8 daughters---	9	10,236	3.6	373
Sire, 663512; dam, 1789344.	8 dams--------	26	9,662	3.5	341
Herd Owner, Gerow & Bates, Blooming Grove.	Difference----	(5-4-7)	+574	+.1	+32
KING SEGIS FOBES WALKER 794776----------	7 daughters---	11	11,249	3.3	375
Born, 2-25-39; proved, 3-31-47;----; Mich.	6 daughters---	10	10,722	3.4	368
Sire, 740107; dam, 1956801.	6 dams--------	8	12,956	3.2	411
Herd Owner, Harry DeLaere, Lansing.	Difference----	(1-5-3)	-2,234	+.2	-43
LAKEFIELD MERCEDES PEERLESS 766302----------	6 daughters---	9	10,838	3.6	394
Born, 6-30-38; proved, 3-28-47;----; Mich.	6 dams--------	15	13,278	3.3	443
Sire, 693382; dam, 1761713.	Difference----	(0-5-1)	-2,440	+.3	-49
Herd Owner, Shiawassee County Farm, Owosso.					
LAKEFIELD PIEBE VEEMAN 715476----------	9 daughters---	10	10,480	3.7	385
Born, 3-7-35; proved, 3-12-47; dead; Mich.	8 daughters---	9	10,327	3.7	380
Sire, 471070; dam, 1550446.	8 dams--------	17	10,861	3.7	400
Herd Owner, William J. Newell & Son, Yale.	Difference----	(3-4-2)	-534	.0	-20
LAUXMONT KINGS KEEPSAKE 749065----------	6 daughters---	9	10,517	3.5	372
Born, 8-11-37; proved, 3-28-47;----; Pa.	5 daughters---	8	10,944	3.6	390
Sire, 603795; dam, 1723828.	5 dams--------	11	12,334	3.8	468
Herd Owner, Lauxmont Farms, Wrightsville.	Difference----	(2-2-2)	-1,390	-.2	-78

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LAWALWIS PONTIAC SIR HOMESTEAD 807559----------	5 daughters---	5	10,241	3.6	369
Born, 7-7-40; proved, 3-31-47;----; Wis.	5 dams--------	14	11,440	3.5	404
Sire, 725059; dam,1445756.	Difference----	(0-3-2)	-1,199	+.1	-35
Herd Owner, Harry F. Weaver, Elkhorn.					
LEHA KING COLANTHA PIETJE 760518----------	7 daughters---	11	11,807	3.4	399
Born, 4-26-37; proved, 3-28-47; dead; Conn.	5 daughters---	7	11,582	3.4	391
Sire, 493807; dam, 1671044.	5 dams--------	14	11,531	3.6	411
Herd Owner, Arden S. Tanner & Sons, Warren.	Difference----	(2-2-1)	+ 51	-.2	-20
LENTH DOUBLE DEAN COLANTHA ORMSBY 795010----------	6 daughters---	9	11,247	3.4	382
Born, 8-31-39; proved, 3-28-47;----; Iowa.	5 daughters---	7	10,617	3.5	371
Sire, 541114; dam, 1883985.	5 dams--------	16	9,193	3.4	311
Herd Owner, Ben T. Erickson & Son, Postville.	Difference----	(4-4-4)	+1,424	+.1	+60
LUCKY DAY BEECHWOOD ORMSBY WILLIAM 817905---------	8 daughters---	8	12,394	3.6	443
Born, 7-28-38; proved, 3-19-47;----; Wis.	8 dams--------	31	12,565	3.5	439
Sire, 688763; dam, 1607960.	Difference----	(5-5-5)	-171	+.1	+ 4
Herd Owner, Friday & Gouker, Oregon.					
LYMARLAN MONTVIC RAG APPLE 761598----------	6 daughters---	10	12,402	3.5	431
Born, 1-6-38; proved, 3-24-47;dead ; Mich.	5 daughters---	9	11,528	3.6	418
Sire, 721656; dam, 1308646.	5 dams--------	22	12,860	3.7	480
Herd Owner, W. H. Freshour & Son, Mason.	Difference----	(1-1-0)	-1,332	-.1	-62
LYONS BURKE WAYNE 750523----------	10 daughters--	15	10,305	3.3	344
Born, 10-25-37; proved, 3-28-47;----; N. H.	7 daughters---	10	10,308	3.3	342
Sire, 654497; dam, 1489141.	7 dams--------	19	10,262	3.3	339
Herd Owner, Walter P. Tenney, Chester.	Difference----	(3-2-4)	+ 46	.0	+ 3
MAGNET ORMSBY LONGFIELD HOMESTEAD 778292----------	9 daughters---	11	9,491	3.6	344
Born, 2-7-38; proved, 3-19-47;----; Wis.	8 daughters---	9	9,246	3.6	337
Sire, 588003; dam, 1630735.	8 dams--------	33	8,372	3.5	293
Herd Owner, Leon G. Clark, Mayville.	Difference----	(4-5-6)	+874	+.1	+44
MAN-O-WAR MARATHON 21ST 760313----------	17 daughters--	27	11,050	3.3	364
Born, 11-26-37; proved, 3-12-47; dead; Nebr.	16 daughters--	26	11,106	3.3	365
Sire, 694091; dam, 1620826.	16 dams-------	51	12,682	3.3	423
Herd Owner, State Board of Control, Lincoln.	Difference----	(5-9-4)	-1,576	.0	-58
MAN-O-WAR PIEBE HOOVER 746012----------	14 daughters--	41	11,361	3.6	408
Born, 9-18-36; proved, 3-31-47;----; Pa.	12 daughters--	35	11,685	3.6	417
Sire, 713735; dam, 1926082.	12 dams-------	88	10,685	3.9	418
Herd Owner, G. Clair Smith, Martinsburg.	Difference----	(9-1-6)	+1,000	-.3	- 1
MARATHON DOUBLE ORMSBY LAD 762204----------	6 daughters---	6	11,607	3.5	407
Born, 11-20-37; proved, 3-24-47; alive; N. Y.	6 dams--------	12	11,807	3.5	413
Sire, 658975; dam, 1429185.	Difference----	(2-3-2)	-200	.0	- 6
Herd Owner, Murray Wigsten, Poughkeepsie.					
MATTOAX ORMSBY DUDE 801505----------	11 daughters--	14	12,623	3.8	481
Born, 9-27-39; proved, 3-31-47; alive; Va.	11 dams-------	43	12,946	3.8	495
Sire, 701753; dam, 1806104.	Difference----	(6-6-6)	-323	.0	-14
Herd Owner, Charles Mayer, Mattoax.					
MAYDOR PRIDE DELLA FOBES 696908----------	9 daughters---	18	12,568	3.5	444
Born, 9-26-33; proved, 3-24-47; dead; Ohio.	6 daughters---	14	12,934	3.5	452
Sire, 582804; dam, 766519.	6 dams--------	11	12,086	3.3	403
Herd Owner, Denham Brothers, La Grange.	Difference----	(3-4-4)	+848	+.2	+49
MILCO PEERLESS DURKJE BURKE 750458----------	8 daughters---	11	10,738	3.4	370
Born, 11-27-37; proved, 3-31-47; dead; Wis.	8 dams--------	27	9,925	3.4	342
Sire, 698477; dam, 1052319.	Difference----	(6-4-7)	+813	.0	+28
Herd Owner, Roy E. Haas, Jefferson.					
MILLER FARM CONCORDIA 785165----------	9 daughters---	14	9,633	3.4	327
Born, 1-2-39; proved, 3-13-47;----; Vt.	9 dams--------	28	11,093	3.6	397
Sire, 651620; dam, 1696588.	Difference----	(2-3-1)	-1,460	-.2	-70
Herd Owner, A. L. Miller, Vernon.					
MILNE ORMSBY BILL 785294----------	9 daughters---	13	13,338	3.3	446
Born, 3-14-39; proved, 3-13-47; dead; Mich.	7 daughters---	10	13,508	3.3	448
Sire, 714947; dam, 1936409.	7 dams--------	19	14,277	3.7	527
Herd Owner, Joseph Stevens, Rosebush.	Difference----	(2-0-1)	-769	-.4	-79
M M KING PANSY LUDWIG 759354----------	12 daughters--	16	11,238	3.7	414
Born, 7-18-37; proved, 3-31-47; dead; Minn.	8 daughters---	10	10,854	3.6	387
Sire, 516202; dam, 1363091.	8 dams--------	20	13,034	3.3	436
Herd Owner, H. E. Williams, Lake Crystal.	Difference----	(1-5-2)	-2,180	+.3	-49
M M MYSTIC KING ORMSBY 767078----------	7 daughters---	7	10,224	3.4	347
Born, 3-29-38; proved, 3-12-47; dead; Wis.	6 daughters---	6	9,908	3.4	341
Sire, 740610; dam, 1831194.	6 dams--------	8	11,708	3.6	425
Herd Owner, Lawrence Whiting, Brandon.	Difference----	(2-2-0)	-1,800	-.2	-84

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MOHOFAR NAJAC 825543 (ADC-152)----------	12 daughters--	17	14,407	3.4	485
Born, 2-15-40; proved, 3-13-47; dead; N. Y.	11 daughters--	15	14,193	3.4	488
Sire, 825540; dam, 2237585.	11 dams-------	51	14,010	3.4	480
Herd Owner, Gordon S. V. Andrews, La Grangeville.	Difference----	(6-7-7)	+183	.0	+ 8
MONTVIC R A EMPEROR POSCH 811261----------	6 daughters---	7	8,658	3.6	312
Born, 4-5-40; proved, 3-31-47;----; Maine.	6 dams--------	23	12,368	3.7	463
Sire, 124590 CHB.; dam, 285677 CHB.	Difference----	(0-2-0)	-3,710	-.1	-151
Herd Owner, E. L. Young, Gorham.					
MOOIE INKA MERCEDES 773823----------	5 daughters---	5	10,570	3.3	346
Born, 3-15-39; proved, 3-31-47;----; Wis.	5 dams--------	14	11,689	3.4	393
Sire, 533935; dam, 1683508.	Difference----	(1-2-1)	-1,119	-.1	-47
Herd Owner, Roy Eble, Waukesha.					
MT PLEASANT OLLIE LUCILLE ORMSBY 762779----------	9 daughters---	10	12,292	3.9	474
Born, 3-13-38; proved, 3-24-47;----; Iowa.	9 dams--------	33	13,912	3.4	479
Sire, 724685; dam, 1650909.	Difference----	(3-7-4)	-1,620	+.5	- 5
Herd Owner, C. W. Haight, Winfield.					
MT PLEASANT POSCH SILVER BOW LAD 724686----------	6 daughters---	12	13,928	3.5	482
Born, 1-31-36; proved, 3-31-47;----; Iowa.	6 dams--------	27	12,022	3.6	434
Sire, 659972; dam, 1515835.	Difference----	(5-4-4)	+1,906	-.1	+48
Herd Owner, J. J. Mosher & Son, Salem.					
NESHONOC PRILLY MAN-O-WAR 761331----------	5 daughters---	5	8,531	3.7	319
Born, 10-30-37; proved, 3-31-47;----; Wis.	5 dams--------	14	8,965	3.6	321
Sire, 728978; dam, 1836419.	Difference----	(1-4-2)	-434	+.1	- 2
Herd Owner, Fred H. Hansen, Bangor.					
NITTANYVALE WINTERTHUR MEAD KING 671603----------	10 daughters--	12	9,484	3.7	348
Born, 3-17-32; proved, 3-24-47;----; Pa.	7 daughters---	8	9,668	3.7	357
Sire, 614239; dam, 1311722.	7 dams--------	35	10,128	3.5	358
Herd Owner, Herman J. Gregory, St. Marys.	Difference----	(3-5-4)	-460	+.2	- 1
N J E S CHIEF SANDRA GOLIAH 749201----------	12 daughters--	19	11,651	3.5	402
Born, 3-24-37; proved, 3-28-47; alive; N. J.	6 daughters---	9	12,222	3.5	424
Sire, 675841; dam, 1625178.	6 dams--------	20	10,955	3.4	367
Owner, Cooperative A. B. A.	Difference----	(3-4-4)	+1,267	+.1	+57
N J E S JEWEL ALICE HARMONY 769900----------	7 daughters---	13	9,338	3.5	330
Born, 8-9-38; proved, 3-27-47; dead; N. J.	6 daughters---	12	9,400	3.5	333
Sire, 654594; dam, 1754754.	6 dams--------	14	8,537	3.6	306
Herd Owner, Barrett Dalrymple, Branchville.	Difference----	(5-2-4)	+863	-.1	+27
OAKDALE DICTATOR TRITOMIA 784838----------	8 daughters---	11	11,414	3.3	374
Born, 3-20-39; proved, 3-13-47;----; Iowa.	8 dams--------	19	9,690	3.6	345
Sire, 692526; dam, 1796888.	Difference----	(7-2-6)	+1,724	-.3	+29
Herd Owner, Iowa Training School for Boys, Eldora.					
OAKDALE FAYNE KING BESSIE 771204----------	12 daughters--	21	10,758	3.6	382
Born, 9-4-38; proved, 3-19-47;----; Iowa.	12 dams-------	53	13,449	3.5	469
Sire, 674118; dam, 1353256.	Difference----	(2-9-2)	-2,691	+.1	-87
Herd Owner, Training School for Girls, Mitchellville.					
OAKDALE FORES MERCEDES DICTATOR 791424----------	9 daughters---	11	13,836	3.5	483
Born, 8-23-39; proved, 3-31-47;----; Iowa.	6 daughters---	7	14,053	3.4	479
Sire, 692526; dam, 1323731.	6 dams--------	22	10,471	3.7	385
Owner, Eastern Iowa A. B. A.	Difference----	(5-1-5)	+3,582	-.3	+94
OHIO GEORGE ORPHA 785080----------	6 daughters---	7	10,218	3.5	355
Born, 10-30-39; proved, 3-13-47; dead; Ohio.	6 dams--------	13	11,684	3.5	406
Sire, 736714; dam, 1832141.	Difference----	(1-5-1)	-1,466	.0	-51
Herd Owner, Joseph Fenwick & Son, Chardon.					
OLLIE PIETERTJE MOOIE 3D 799798----------	7 daughters---	8	11,925	3.8	455
Born, 11-26-39; proved, 3-31-47;----; Wis.	7 dams--------	45	10,013	3.7	367
Sire, 744378; dam, 1957879.	Difference----	(6-5-6)	+1,912	+.1	+88
Herd Owner, Robert Hatch, Campbellsport.					
OOSTIE HOMESTEAD PIEBE 787141----------	13 daughters--	18	14,004	3.6	508
Born, 3-27-39; proved, 3-31-47; alive; Mich.	12 daughters--	17	13,855	3.6	502
Sire, 707706; dam, 1783357.	12 dams-------	43	13,711	3.3	450
Herd Owner, Fabius Farm, Three Rivers.	Difference----	(7-12-8)	+144	+.3	+52
ORMSBY JOHANNA BURKE PIEBE 774411----------	14 daughters--	21	8,635	3.7	323
Born, 6-4-38; proved, 3-19-47;----; Pa.	14 dams-------	42	10,159	3.6	362
Sire, 706640; dam, 1234443.	Difference----	(5-11-3)	-1,524	+.1	-39
Herd Owner, Zel E. Myers, Newville.					
ORMSBY PONTIAC PIETJE SEGIS 833384----------	7 daughters---	8	10,523	3.5	368
Born, 12-30-40; proved, 3-14-47;----; N. Y.	7 dams--------	23	11,111	3.5	393
Sire, 741916; dam, 1860487.	Difference----	(3-3-3)	-588	.0	-25
Herd Owner, M. J. Cuddy & R. K. Daly, Auburn.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WIS MENDOTA ELMILA PROGRESS 774086----------	9 daughters---	15	11,489	3.4	389
Born, 2-10-39; proved, 4-16-47;----; Iowa.	9 dams--------	18	10,413	3.4	358
Sire, 672350; dam, 1857436.	Difference----	(8-4-6)	+1,076	.0	+31
Herd Owner, Arthur F. Gross, West Union.					
WYE OAK SIR ORMSBY DELLA 4TH 779172----------	9 daughters---	13	8,834	3.5	305
Born, 12-8-38; proved, 4-28-47;----; Pa.	8 daughters---	12	8,988	3.5	312
Sire, 724337; dam, 1844261.	8 dams--------	19	11,555	3.3	386
Herd Owner, Harry Brubaker, Lancaster.	Difference----	(2-6-2)	-2,567	+.2	-74
13-0598 (DHIA EARTAG)----------	8 daughters---	16	7,734	3.9	300
Born, ----; proved, 4-29-47;----; Vt.	8 dams--------	41	9,567	3.4	328
Sire, ----; dam, ----.	Difference----	(2-8-2)	-1,833	+.5	-28
Herd Owner, Thomas Ketcham, Wallingford.					
42*W420474 (BANGS OR TB EARTAG)----------	6 daughters---	9	8,000	3.7	295
Born, ----; proved, 4-17-47;----; Iowa.	6 dams--------	20	5,229	4.0	210
Sire, ----; dam, ----.	Difference----	(6-1-6)	+2,771	-.3	+85
Herd Owner, L. H. Thoreson, Emmetsburg.					
54-2803 (DHIA EARTAG)----------	8 daughters---	8	6,930	3.3	230
Born, ----; proved, 4-15-47; dead; W. Va.	7 daughters---	7	7,207	3.4	242
Sire, ----; dam, ----.	7 dams--------	20	6,729	3.9	262
Herd Owner, W. F. Hobbs, Chester.	Difference----	(4-0-2)	+478	-.5	-20
61*61063 (BANGS OR TB EARTAG)----------	15 daughters--	21	12,182	3.5	432
Born, ----; proved, 4-17-47;----; Ky.	12 daughters--	17	12,220	3.6	434
Sire, ----; dam, ----.	12 dams-------	35	11,505	3.7	422
Herd Owner, A. A. Moser & Son, Anchorage.	Difference----	(8-6-7)	+715	-.1	+12
84*598B (BANGS OR TB EARTAG)----------	10 daughters--	14	9,224	3.7	341
Born, ----; proved, 4-15-47;----; Colo.	10 dams-------	38	9,132	3.7	341
Sire, ----; dam, ----.	Difference----	(4-7-5)	+ 92	.0	0
Herd Owner, Holland Dairy Company, Colorado Springs.					
JERSEY SIRES					
AFTERGLOW ESTELLA'S SIGNAL 396491----------	13 daughters--	13	8,351	5.2	432
Born, 12-6-38; proved, 4-23-47;----; Tenn.	11 daughters--	11	8,236	5.3	435
Sire, 346193; dam, 1110277.	11 dams-------	37	6,831	5.3	365
Owner, Maury-Williamson A. B. A., Inc.	Difference----	(8-5-8)	+1,405	.0	+70
BLONDE GALA CID 417157----------	8 daughters---	9	7,151	5.3	380
Born, 8-6-40; proved, 4-21-47;----; Iowa.	7 daughters---	8	7,228	5.3	380
Sire, 354588; dam, 1045582.	7 dams--------	22	7,584	5.0	382
Herd Owner, Erle Taylor, Milford.	Difference----	(2-5-3)	-356	+.3	- 2
BOWLINA'S BLONDE GOLDEN LAD 414190----------	21 daughters--	27	7,640	5.4	411
Born, 8-22-40; proved, 4-21-47;----; Pa.	20 daughters--	25	7,651	5.4	412
Sire, 389488; dam, 805466.	20 dams-------	81	7,710	5.5	426
Herd Owner, Erk Brothers, Prompton.	Difference----	(10-9-10)	-59	-.1	-14
BRAMPTON PIONEER JESTER 414273----------	19 daughters--	26	6,371	5.6	357
Born, 8-2-39; proved, 4-23-47;----; Pa.	17 daughters--	24	6,287	5.6	354
Sire, 412151; dam, 53775 CJCC.	17 dams-------	79	6,835	5.5	379
Herd Owner, Howard F. Brunges & Son, Tunkhannock.	Difference----	(4-12-6)	-548	+.1	-25
BUTTERCUP FERN MAJESTY 359558----------	25 daughters--	46	8,444	5.5	462
Born, 2-2-34; proved, 4-23-47;----; Okla.	5 daughters---	9	7,415	5.6	418
Sire, 356702; dam, 761733.	5 dams--------	11	8,558	5.1	432
Herd Owner, Earl Stuart, Woodward.	Difference----	(1-5-3)	-1,143	+.5	-14
CORONATION MARION LAD 356008----------	12 daughters--	16	7,572	5.4	406
Born, 9-18-32; proved, 4-23-47;----; Ind.	7 daughters---	9	7,166	5.5	396
Sire, 295171; dam, 803803.	7 dams--------	11	6,399	5.5	351
Herd Owner, P. L. Johnson & Son, Bruceville.	Difference----	(5-4-5)	+767	.0	+45
DAFFODIL VICTOR OF JOCEDA 394921----------	25 daughters--	40	5,735	5.5	313
Born, 11-5-37; proved, 4-10-47; dead; N. J.	18 daughters--	28	6,016	5.4	327
Sire, 355637; dam, 1064186.	18 dams-------	48	6,310	5.0	316
Herd Owner, Louis M. Kiesling, Bordentown.	Difference----	(10-12-10)	-294	+.4	+11
DESIGN ALLIGATOR HEIR 404228----------	8 daughters---	12	5,754	5.4	313
Born, 11-16-38; proved, 4-30-47;----; Md.	7 daughters---	11	5,655	5.4	306
Sire, 377133; dam, 1128114.	7 dams--------	23	6,804	5.2	357
Herd Owner, Mrs. Thomas S. Gladden, Street.	Difference----	(2-5-2)	-1,149	+.2	-51
DESIGN STANDARD CADET 384611 *10----------	21 daughters--	31	6,713	5.7	382
Born, 11-29-36; proved, 4-23-47;----; Tenn.	19 daughters--	29	6,683	5.7	384
Sire, 342991; dam, 1026496.	19 dams-------	67	6,417	5.5	354
Owner, Maury-Williamson A. B. A., Inc.	Difference----	(12-11-13)	+266	+.2	+30

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PIONEER GINGERBOY (TWIN) 799606----------	9 daughters---	11	13,208	3.7	482
Born, 12-29-39; proved, 3-19-47;----; Iowa.	8 daughters---	10	13,087	3.7	480
Sire, 773065; dam, 1869787.	8 dams--------	17	13,024	3.4	449
Herd Owner, Stanley Eash & Gingerich, Wellman.	Difference----	(3-5-6)	+ 63	+.3	+31
PONTIAC HENGERVELD SIR FAYNE 602923 *1----------	10 daughters--	24	11,842	3.3	392
Born, 3-25-29; proved, 3-26-47; dead; Mich.	5 daughters---	12	11,582	3.3	380
Sire, 495889; dam, 711118.	5 dams--------	18	10,482	3.5	365
Herd Owner, Howard Russell, Otsego.	Difference----	(2-2-2)	+1,100	-.2	+15
POSCH DE KOL CREATOR 828907----------	7 daughters---	7	11,823	3.4	401
Born, 12-13-40; proved, 3-31-47; alive; Iowa.	5 daughters---	5	11,360	3.4	387
Sire, 749574; dam, 1680122.	5 dams--------	11	11,251	3.3	371
Herd Owner, Cryus J. Christian, Roland.	Difference----	(2-4-4)	+109	+.1	+16
POSCH ORMSBY FOBES 39TH 822715----------	6 daughters---	6	11,716	3.6	422
Born, 1-9-41; proved, 3-31-47;----; Wis.	6 dams--------	9	13,146	3.7	481
Sire, 623972; dam, 1628533.	Difference----	(2-3-2)	-1,430	-.1	-59
Herd Owner, Harry Brewer, Richland Center.					
PRIDE JEWEL EVA PONTIAC 787992----------	6 daughters---	11	10,450	3.4	359
Born, 2-7-39; proved, 3-31-47;----; Wis.	6 dams--------	15	11,231	3.3	372
Sire, 737402; dam, 1926816.	Difference----	(1-5-1)	-781	+.1	-13
Herd Owner, Peter Held & Son, Alma Center.					
PRINCE DE KOL WATSON 832207----------	10 daughters--	12	13,698	3.6	487
Born, 12-8-39; proved, 3-19-47;----; Kans.	7 daughters---	9	13,904	3.5	489
Sire, 759260; dam, 1961344.	7 dams--------	16	11,158	3.6	398
Herd Owner, Wallace Beckner, Belle Plaine.	Difference----	(7-3-7)	+2,746	-.1	+91
PRINCE ORMSBY EYEBRIGHT 750471----------	5 daughters---	12	13,463	3.6	484
Born, 10-26-37; proved, 3-28-47;----; Wis.	5 dams--------	26	12,802	3.4	430
Sire, 696773; dam, 927741.	Difference----	(4-5-4)	+661	+.2	+54
Herd Owner, Julius Winden, Fox Lake.					
RAG-HERO BEST SIR COLANTHA 5TH 796426----------	6 daughters---	8	11,797	3.3	384
Born, 8-4-39; proved, 3-31-47; dead; N. Y.	6 dams--------	30	12,644	3.4	435
Sire, 565375; dam, 1836365.	Difference----	(2-1-1)	-847	-.1	-51
Herd Owner, Lee White, Sherman.					
RAG-HERO BEST SIR COLANTHA 9TH 796431----------	11 daughters--	15	10,778	3.5	378
Born, 11-3-39; proved, 3-31-47;----; N. Y.	11 dams-------	43	10,478	3.4	361
Sire, 565375; dam, 1642361.	Difference----	(6-7-6)	+300	+.1	+17
Herd Owner, Lynn Watson, Belmont.					
RAGS KING COLANTHUS 810036----------	7 daughters---	7	10,393	3.5	361
Born, 12-6-37; proved, 3-31-47;----; Pa.	7 dams--------	10	10,029	3.7	366
Sire, 802018; dam, 2113588.	Difference----	(5-3-4)	+364	-.2	- 5
Herd Owner, Cumberland County Home, Carlisle.					
ROSE HILL PERFECTION PRINCE 742642----------	11 daughters--	14	11,274	3.4	386
Born, 12-21-36; proved, 3-27-47; dead; Mo.	10 daughters--	13	11,216	3.4	382
Sire, 671573; dam 1484727.	10 dams-------	35	10,510	3.3	351
Herd Owner, Pevely Dairy Farm, Crescent.	Difference----	(7-5-8)	+706	+.1	+31
ROYAL SIR RUTH TUTTS 748048----------	12 daughters--	16	11,242	3.6	406
Born, 11-20-37; proved, 3-31-47; dead; Maine.	9 daughters---	13	11,227	3.6	410
Sire, 598396; dam, 1586702.	9 dams--------	16	10,703	3.6	386
Herd Owner, Herbert Hawes, Union.	Difference----	(6-6-5)	+524	.0	+24
ST CROIXCO HARTOG BURKE 762509----------	11 daughters--	11	12,863	3.4	442
Born, 5-28-38; proved, 3-31-47;----; Wis.	11 dams-------	32	12,251	3.4	418
Sire, 622273; dam, 1426308.	Difference----	(7-8-7)	+612	.0	+24
Herd Owner, Weber Brothers, Bloomer.					
SAMMAY SIR KITTIWINK 745061----------	7 daughters---	9	10,467	3.4	351
Born, 9-20-36; proved, 3-27-47;----; Wis.	5 daughters---	7	10,548	3.4	359
Sire, 696627; dam, 1705219.	5 dams--------	22	10,382	3.5	364
Herd Owner, John G. Jones, Fall River.	Difference----	(3-2-1)	+166	-.1	- 5
SANDSCREST JOHANNA LAD 786212----------	8 daughters---	9	10,018	3.6	362
Born, 9-3-39; proved, 3-31-47;----; W. Va.	7 daughters---	8	10,278	3.6	372
Sire, 697642; dam, 1913585.	7 dams--------	19	8,591	3.6	311
Herd Owner, Sandscrest Farm, Wheeling.	Difference----	(5-4-6)	+1,687	.0	+61
SEGIS PERFECTION ORMSBY 764588----------	9 daughters---	10	9,946	3.4	339
Born, 10-29-37; proved, 3-28-47;----; N. H.	6 daughters---	6	10,300	3.4	346
Sire, 680921; dam, 1429189.	6 dams--------	21	10,378	3.4	354
Herd Owner, Coos County Farm,West Stewartstown.	Difference----	(4-4-4)	- 78	.0	- 8
SEGIS PIEBE BEETS BURKE 828322----------	14 daughters--	15	11,428	3.7	419
Born, 2-12-41; proved, 3-13-47; dead; Pa.	14 dams-------	33	11,973	3.6	429
Sire, 770804; dam, 1686429.	Difference----	(5-11-6)	-545	+.1	-10
Herd Owner, J. Paul Wrightstone,Jr.,Camp Hill.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SEICHEPREY MATADOR LAD 801395----------	7 daughters---	9	10,325	3.4	347
Born, 10-5-39; proved, 3-25-47;----; Conn.	7 dams--------	15	11,336	3.7	423
Sire, 744490; dam, 1923516.	Difference----	(3-1-1)	-1,011	-.3	-76
Herd Owner, Brookdale Farm, Salisbury.					
SENATOR ORMSBY FOBES PIEBE 682674----------	7 daughters---	9	10,968	3.4	370
Born, 7-15-33; proved, 3-18-47; dead; Ill.	6 daughters---	8	10,806	3.4	366
Sire, 651943; dam, 1576421.	6 dams--------	14	7,977	3.5	276
Herd Owner, Mrs. Basil Bennett & Sons, Lemont.	Difference----	(6-1-6)	+2,829	-.1	+90
SENECA CHIEF ONYX OF THENDARA 774551----------	26 daughters--	36	11,897	3.5	412
Born, 2-1-39; proved, 3-25-47; dead; N. Y.	19 daughters--	27	12,256	3.5	426
Sire, 729488; dam, 1745382.	19 dams-------	36	13,173	3.3	435
Herd Owner, Robert W. Stephenson & Son,Sauquoit.	Difference----	(5-16-9)	-917	+.2	- 9
S F NEOLA KING WALKER 745283----------	17 daughters--	20	9,500	3.2	307
Born, 8-23-37; proved, 3-27-47; dead; Vt.	12 daughters--	13	9,571	3.2	309
Sire, 586235; dam, 932094.	12 dams-------	16	10,092	3.3	330
Herd Owner, Vermont State Prison Farm, Windsor.	Difference----	(5-6-4)	-521	-.1	-21
SHERREDLAN ORMSBY PIETERTJE 774007----------	9 daughters---	15	6,820	3.8	256
Born, 4-14-38; proved, 3-19-47;----; Pa.	9 dams--------	36	9,745	3.7	357
Sire, 708277; dam, 1872904.	Difference----	(1-6-1)	-2,925	+.1	-101
Herd Owner, R. T. Gaylord, Adamsville.					
SHIAWANA SENATOR 784701----------	9 daughters---	11	12,129	3.9	470
Born, 5-9-39; proved, 3-13-47; dead; Mich.	8 daughters---	10	12,332	3.8	475
Sire, 732743; dam, 1526317.	8 dams--------	22	14,696	3.5	515
Herd Owner, William R. Thomas, Ovid.	Difference----	(1-7-2)	-2,364	+.3	-40
SILVER ACRES CAPTIVATOR PABST 795485----------	9 daughters---	9	10,818	3.2	346
Born, 1-15-38; proved, 3-31-47;----; Mich.	9 dams--------	14	13,115	3.4	444
Sire, 115646 CHB.; dam, 226221 CHB.	Difference----	(3-2-1)	-2,297	-.2	-98
Herd Owner, John Calvert, Flint.					
SIR BESS ORMSBY FOBES DE KOL 698662----------	15 daughters--	25	9,575	3.4	325
Born, 8-14-34; proved, 3-27-47;----; Iowa.	7 daughters---	11	8,608	3.5	305
Sire, 514545; dam, 952219.	7 dams--------	17	10,266	3.6	365
Herd Owner, John Hayunga, Fort Dodge.	Difference----	(3-5-2)	-1,658	-.1	-60
SIR BESS ORMSBY FOBES RETURN 10TH 794459----------	5 daughters---	8	11,243	3.6	402
Born, 11-5-39; proved, 3-31-47;----; Ill.	5 dams--------	16	11,442	3.8	432
Sire, 741553; dam, 1679518.	Difference----	(3-1-3)	-199	-.2	-30
Herd Owner, Henry Ward & George Brown, Polo.					
SIR BESS ORMSBY SYLVIA 824361----------	5 daughters---	6	11,225	3.9	440
Born, 12-15-40; proved, 3-31-47; dead; N. Y.	5 dams--------	16	13,273	3.8	501
Sire, 761977; dam, 1998977.	Difference----	(0-3-1)	-2,048	+.1	-61
Herd Owner, Albert C. Townsend, Paris Station.					
SIR BESS SKYLARK FOBES 710796 *5----------	24 daughters--	53	10,974	3.7	401
Born, 11-26-34; proved, 3-26-47;----; Wis.	24 dams-------	101	10,634	3.5	371
Sire, 677647; dam, 1621830.	Difference----	(12-19-16)	+340	+.2	+30
Herd Owner, Archie Schurz, Bridgeport.					
SIR FERN DECREAMCO FOBES 702719----------	6 daughters---	14	14,207	3.3	472
Born, 7-15-34; proved, 3-18-47; dead; Ohio.	6 dams--------	22	14,423	3.1	450
Sire, 685073; dam, 1756570.	Difference----	(2-6-3)	-216	+.2	+22
Herd Owner, P. G. Boerger & Son, Marysville.					
SIR FOBES TRIUNE EMCY 747306----------	7 daughters---	11	10,399	3.6	379
Born, 7-25-37; proved, 3-31-47;----; Kans.	7 dams--------	26	10,974	3.8	419
Sire, 747305; dam, 1920993.	Difference----	(3-2-3)	-575	-.2	-40
Herd Owner, Raymond V. Fickel, Chanute.					
SIR HILLVALE LASS 823964----------	9 daughters---	10	13,081	3.3	438
Born, 9-16-40; proved, 3-31-47;----; Wis.	9 dams--------	38	11,544	3.5	408
Sire, 693222; dam, 1813828.	Difference----	(9-2-6)	+1,537	-.2	+30
Herd Owner, Walter K. Ahlers, Grafton.					
SIR MEADOW BESS ORMSBY FOBES 803220----------	6 daughters---	6	9,144	3.6	326
Born, 1-11-40; proved, 3-13-47;----; Wis.	5 daughters---	5	9,348	3.6	336
Sire, 758856; dam, 1917000.	5 dams--------	13	9,493	3.5	336
Herd Owner, Walter J. Schnell, Manitowoc.	Difference----	(3-3-4)	-145	+.1	0
SIR MERCER FOBES PRIDE 745977----------	7 daughters---	11	9,440	3.7	346
Born, 5-9-37; proved, 3-31-47;----; Wis.	6 daughters---	10	9,608	3.6	349
Sire, 592931; dam, 1174294.	6 dams--------	33	12,996	3.4	444
Herd Owner, Ryder & Klowitter, Ripon.	Difference----	(0-4-0)	-3,388	+.2	-95
SIR OLLIE SPOFFORD CANDIDATE 769801----------	7 daughters---	14	12,184	3.4	410
Born, 9-1-38; proved, 3-18-47;----; Pa.	5 daughters---	10	12,124	3.4	406
Sire, 734510; dam, 1777267.	5 dams--------	13	11,794	3.3	385
Herd Owner, Harrisburg State Hospital,Harrisburg	Difference----	(3-4-3)	+330	+.1	+21

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SIR ORMSBY HILLVALE LASS 819637----------	10 daughters--	12	13,968	3.4	480
Born, 5-14-40; proved, 3-31-47;----; Wis.	10 dams-------	37	10,892	3.7	402
Sire, 693222; dam, 1202168.	Difference----	(9-3-9)	+3,076	-.3	+78
Herd Owner,Bernhard Schoessow & Sons,Thiensville.					
SIR ORMSBY STAR EDUCATOR 785043----------	5 daughters---	6	13,718	3.6	490
Born, 7-1-39; proved, 3-31-47;----; Wis.	5 dams--------	22	11,095	3.7	412
Sire, 749282; dam, 1273719.	Difference----	(4-2-4)	+2,623	-.1	+78
Herd Owner, Oscar Wiechert, Cedarburg.					
SIR PIEBE CONCORD LYONS 778677----------	9 daughters---	17	10,969	3.5	388
Born, 4-18-38; proved, 3-13-47;----; Pa.	9 dams--------	42	11,163	3.4	382
Sire, 733324; dam, 1843706.	Difference----	(4-7-4)	-194	+.1	+ 6
Herd Owner, G. Asher Erdley, Lewisburg.					
SIR SUPERB SENSATION 748236----------	9 daughters---	19	12,210	3.6	439
Born, 4-17-37; proved, 3-31-47;----; Wis.	9 dams--------	31	11,410	3.6	407
Sire, 666745; dam, 1578581.	Difference----	(6-5-6)	+800	.0	+32
Herd Owner, Harvey Hamann, Sheboygan.					
SPRUCE HILL JEWEL PIEBE 816528----------	7 daughters---	8	13,310	3.7	489
Born, 3-21-40; proved, 3-31-47;----; Wis.	6 daughters---	7	12,883	3.7	476
Sire, 696993; dam, 1848239.	6 dams--------	23	11,205	3.6	400
Herd Owner, Clarence Gosmire, Union Grove.	Difference----	(3-3-4)	+1,678	+.1	+76
S P S M KING BESSIE GYPSIE JEWEL 768644----------	5 daughters---	8	12,068	3.4	411
Born, 10-11-38; proved, 3-31-47;----; Mich.	5 dams--------	15	10,543	3.1	327
Sire, 742591; dam, 1823138.	Difference----	(4-5-5)	+1,525	+.3	+84
Herd Owner, Mount Pleasant State Home & Training School, Mount Pleasant.					
STANVER GOVERNOR ORMSBY JOE 803878----------	10 daughters--	12	13,808	3.6	503
Born, 9-23-39; proved, 3-31-47;----; N.Y.	10 dams-------	50	12,938	3.7	479
Sire, 705181; dam, 1538496.	Difference----	(6-5-6)	+870	-.1	+24
Owner, Connecticut A. B. A., Conn.					
STAR JOHN HENRY PIEBE DE KOL 761226----------	14 daughters--	25	12,559	3.2	401
Born, 10-15-37; proved, 3-31-47;----; Pa.	7 daughters---	10	13,352	3.1	417
Sire, 709769; dam, 1813680.	7 dams--------	32	10,790	3.2	349
Herd Owner, Webb Bunnell, Montrose.	Difference----	(7-3-6)	+2,562	-.1	+68
TEN-KINK PROSPECT PONTIAC SIR ROMEO 763383--------	11 daughters--	17	12,861	3.4	435
Born, 8-16-38; proved, 3-31-47; dead; Utah.	10 daughters--	15	12,969	3.4	438
Sire, 726179; dam, 1351876.	10 dams-------	28	13,844	3.3	461
Herd Owner, Wayman Hillyard, Smithfield.	Difference----	(4-6-3)	-875	+.1	-23
THENDARA DOUBLE INKA POSCH 811100----------	5 daughters---	6	12,320	3.3	412
Born, 10-23-40; proved, 3-31-47; dead; N. Y.	5 dams--------	20	12,135	3.5	422
Sire, 729488; dam, 1774675.	Difference----	(3-1-2)	+185	-.2	-10
Herd Owner, Silleman Brothers, Orchard Park.					
TOWNS END DEAN ORMSBY SENSATION (TWIN) 808642-----	6 daughters---	7	11,528	3.7	426
Born, 4-4-39; proved, 3-31-47;----; Pa.	6 dams--------	27	11,852	3.7	435
Sire, 742671; dam, 1742581.	Difference----	(4-4-4)	-324	.0	-9
Herd Owner, E. Page Allinson, West Chester.					
TRITOMIA PRINCE ECHO 754832----------	6 daughters---	7	11,168	3.8	421
Born, 2-23-37; proved, 3-31-47;----; Iowa.	5 daughters---	6	11,118	3.7	417
Sire, 684328; dam, 1557789.	5 dams--------	30	11,009	3.5	386
Herd Owner, Joel H. Yoder, Kalona.	Difference----	(3-5-3)	+109	+.2	+31
U-MO VESPER ORMSBY ZEV ADONIS 764459----------	8 daughters---	9	11,186	3.5	388
Born, 11-24-37; proved, 3-28-47; dead; Mo.	6 daughters---	7	11,503	3.5	402
Sire, 733632; dam, 1379264.	6 dams--------	20	10,095	3.7	369
Herd Owner, Garrett Vanderfeltz, Jefferson City.	Difference----	(5-2-5)	+1,408	-.2	+33
UNEEDA ROMEO ORMSBY FAIRCHILD 777144----------	15 daughters--	16	11,472	3.6	409
Born, 9-7-38; porved, 3-28-47;----; Mich.	8 daughters---	9	11,720	3.6	422
Sire, 623030; dam, 1794593.	8 dams--------	21	12,075	3.4	415
Herd Owner, Robinson Farm, Mendon.	Difference----	(2-5-4)	-355	+.2	+ 7
VAN HOOSEN K B O P 184 764689----------	15 daughters--	16	10,416	3.5	365
Born, 7-1-38; proved, 3-12-47; dead; Mich.	15 dams-------	38	10,571	3.6	376
Sire, 652274; dam, 1347014.	Difference----	(5-9-5)	-155	-.1	-11
Herd Owner, Monroe County Farm, Monroe.					
VAN HOOSEN MATADOR MERCEDES 764684----------	10 daughters--	10	11,312	3.7	423
Born, 2-12-38; proved, 3-18-47; dead; Mich.	9 daughters---	9	10,932	3.7	410
Sire, 722351; dam, 1727137.	9 dams--------	14	10,525	3.6	377
Herd Owner, F. B. Otherson & Son, Unionville.	Difference----	(6-6-6)	+407	+.1	+33
VICTOR TIDY FOBES OF VENTNOR 771553----------	6 daughters---	6	13,212	3.6	472
Born, 11-15-38; proved, 3-31-47;----; Wis.	6 dams--------	20	12,395	3.6	446
Sire, 711382; dam, 1769664.	Difference----	(5-4-4)	+817	.0	+26
Herd Owner, Frank Howard, Whitewater.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
V P I ORMSBY ACE 762472----------	6 daughters---	6	9,642	3.9	375
Born, 9-11-38; proved, 3-31-47;----; Va.	5 daughters---	5	9,082	3.9	358
Sire, 662364; dam, 1527965.	5 dams--------	16	9,948	3.5	345
Herd Owner, Southwestern State Hospital, Marion.	Difference----	(3-5-3)	-866	+.4	+13
WALK MARION ORMSBY BUTTER KING 818869----------	7 daughters---	10	13,347	3.8	509
Born, 9-8-40; proved, 3-31-47;----; Ill.	7 dams--------	27	12,430	3.8	471
Sire, 697174; dam, 1878042.	Difference----	(4-4-4)	+917	.0	+38
Herd Owner, Walk Brothers, Neoga.					
WIEDMEYER PONTIAC MONTVIC MARVEL (TWIN) 804570----	5 daughters---	7	10,703	3.8	402
Born, 5-12-39; proved, 3-31-47;----; Wis.	5 dams--------	21	10,464	3.8	396
Sire, 723329; dam, 1609014.	Difference----	(4-3-3)	+239	.0	+ 6
Herd Owner, Henry W. Schmidt, Two Rivers.					
WIMBLEDON ORMSBY EMPEROR 702395----------	6 daughters---	12	9,874	3.3	323
Born, 9-18-34; proved, 3-12-47;----; Pa.	6 dams--------	23	12,878	3.3	422
Sire, 671030; dam, 1568926.	Difference----	(1-4-1)	-3,004	.0	-99
Herd Owner, Berwick Creamery Farm, Nescopeck.					
WINEBODEN LYONS ORMSBY 761503----------	9 daughters---	13	10,572	3.3	347
Born, 4-13-38; proved, 3-28-47; dead; Mich.	7 daughters---	11	10,754	3.2	349
Sire, 725856; dam, 1565196.	7 dams--------	15	12,955	3.3	425
Herd Owner, W. R. Kirk & Sons, Fairgrove.	Difference----	(1-5-1)	-2,201	-.1	-76
WINTERTHUR FOBES GREAT TAURUS 781292----------	15 daughters--	24	10,328	3.6	373
Born, 6-2-39; proved, 3-31-47; alive; N. Y.	9 daughters---	13	9,774	3.7	359
Sire, 729449; dam, 1934438.	9 dams--------	25	9,449	3.4	320
Herd Owner, Frank N. Decker, Syracuse.	Difference----	(5-8-8)	+325	+.3	+39
WINTERTHUR FOBES PILOT UPSET 785631----------	6 daughters---	10	12,391	3.4	422
Born, 7-17-39; proved, 3-31-47;----; Pa.	5 daughters---	8	12,789	3.4	434
Sire, 729449; dam, 1934439.	5 dams--------	31	12,580	3.3	421
Herd Owner, Woodsen Farms, Pennsburg.	Difference----	(3-4-3)	+209	+.1	+13
WINTERTHUR SELECT NEBRASKA VICAR 823058----------	8 daughters---	8	13,613	3.6	490
Born, 12-29-40; proved, 3-31-47; alive; N. Y.	8 dams--------	24	12,939	3.5	458
Sire, 750000; dam, 1810721.	Difference----	(5-6-5)	+674	+.1	+32
Herd Owner,Robert M. Thompson & Son, Heuvelton.					
WISCONSIN DAUNTLES JOE 865912----------	7 daughters---	7	13,055	3.7	486
Born, 9-26-41; proved, 3-13-47; alive; Maine.	7 dams--------	16	11,389	3.4	391
Sire, 748046; dam, 1887016.	Difference----	(6-6-7)	+1,666	+.3	+95
Herd Owner, H. C. Briggs & Son, Turner.					
WISCONSIN GIFT AAGGIE PRIDE 759030----------	12 daughters--	19	10,646	3.4	357
Born, 9-11-37; proved, 3-31-47; dead; Wis.	9 daughters---	11	10,939	3.4	369
Sire, 703943; dam, 1536274.	9 dams--------	28	10,513	3.3	350
Herd Owner, Mrs. Jennie Grimes, Neenah.	Difference----	(5-5-6)	+426	+.1	+19
33-4000 (DHIA EARTAG)----------	6 daughters---	7	10,469	3.5	365
Born, ----; proved, 3-14-47; dead; Ill.	5 daughters---	6	10,858	3.5	376
Sire, ----; dam, ----.	5 dams--------	15	10,838	3.5	384
Herd Owner, Charles Lauritzen, Reddick.	Difference----	(2-2-1)	+ 20	.0	- 8
93-E2512 (DHIA EARTAG)----------	7 daughters---	8	9,926	3.6	356
Born, ----; proved, 3-31-47;----; Calif.	6 daughters---	7	10,088	3.6	365
Sire, ----; dam, ----.	6 dams--------	19	9,797	3.8	372
Herd Owner, James N. Fulmor, Dixon.	Difference----	(3-2-2)	+291	-.2	- 7
93-B9269 (DHIA EARTAG)----------	9 daughters---	13	11,398	3.2	361
Born, ----; proved, 3-31-47;----; Calif.	9 dams--------	30	10,991	3.4	369
Sire, ----; dam, ----.	Difference----	(4-3-4)	+407	-.2	- 8
Herd Owner, California State Prison,San Quentin.					
JERSEY SIRES					
ACE COLONEL SON 413468----------	11 daughters--	15	7,408	5.8	429
Born, 10-15-39; proved, 3-31-47;----; Vt.	11 dams-------	51	7,556	5.5	416
Sire, 361484; dam, 1049527.	Difference----	(5-8-7)	-148	+.3	+13
Herd Owner, Hutchinson Farm, Tunbridge.					
ALLEGANY JAP DON 424369----------	6 daughters---	7	8,038	5.4	432
Born, 9-17-40; proved, 3-31-47; alive; N. Y.	5 daughters---	5	7,795	5.3	416
Sire, 350067; dam, 1014354.	5 dams--------	24	7,608	4.9	374
Herd Owner,Roland Van Benschoten, New Kingston.	Difference----	(4-4-4)	+187	+.4	+42
BRAMPTON VALIANT FLASH 423376----------	6 daughters---	8	6,878	5.6	384
Born, 10-16-40; proved, 3-31-47; alive; Minn.	6 dams--------	11	5,805	5.4	314
Sire, 382599; dam, 1148955.	Difference----	(4-5-4)	+1,073	+.2	+70
Herd Owner, R. S. Schaefer & Son, Park Rapids.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BROOKSIDE LORD LAD 413035----------	8 daughters---	10	9,172	5.3	482
Born, 12-8-38; proved, 3-25-47; dead; Wash.	7 daughters---	9	9,406	5.3	497
Sire, 397562; dam, 1157475.	7 dams--------	15	7,531	5.5	417
Herd Owner, A. Tamm, Enumclaw.	Difference----	(5-3-5)	+1,875	-.2	+80
CHALLENGER BOY BLUE 364521----------	7 daughters---	10	7,794	5.0	392
Born, 8-20-34; proved, 3-14-47;----; Idaho.	5 daughters---	7	8,232	5.0	411
Sire, 334510; dam, 1004638.	5 dams--------	7	7,016	4.6	325
Herd Owner, F. M. Bledsoe, Caldwell.	Difference----	(4-4-4)	+1,216	+.4	+86
CORNELL SPONSER ADJUTANT 364462----------	18 daughters--	24	7,922	5.6	441
Born, 12-26-34; proved, 3-31-47;----; N. Y.	14 daughters--	19	7,954	5.6	445
Sire, 350843; dam, 999391.	14 dams-------	60	7,898	5.2	415
Herd Owner, Loyd D. Karker, Lawyersville.	Difference----	(7-11-9)	+ 56	+.4	+30
COUNT F. D. POGIS 416819----------	6 daughters---	12	8,218	5.3	432
Born, 6-13-39; proved, 3-31-47;----; Md.	6 dams--------	25	7,811	5.1	399
Sire, 355635; dam, 946942.	Difference----	(3-4-3)	+407	+.2	+33
Herd Owner, Indian Spring Farm, Darlington.					
FERN SMOKY JOE 413017----------	7 daughters---	8	8,139	5.2	420
Born, 8-27-39; proved, 3-31-47;----; Iowa.	6 daughters---	7	7,948	5.2	409
Sire, 366384; dam, 971346.	6 dams--------	17	6,541	5.2	341
Herd Owner, Robert Dougherty & E.E.Taylor,Vinton.	Difference----	(5-2-5)	+1,407	.0	+68
FINANCIAL TRUE PRINCE 348023----------	18 daughters--	33	6,439	5.2	332
Born, 10-5-28; proved, 3-14-47;----; Wis.	13 daughters--	23	6,503	5.1	332
Sire, 232803; dam, 748210.	13 dams-------	34	6,001	5.2	310
Herd Owner, Mrs. C. C. Smith & Son, Augusta.	Difference----	(8-5-7)	+502	-.1	+22
FOREMOST GAMBOGE ROB 363781----------	10 daughters--	18	7,160	5.2	373
Born, 9-1-34; proved, 3-19-47; dead; Mich.	8 daughters---	14	7,128	5.1	365
Sire, 349443; dam, 786742.	8 dams--------	14	7,990	4.3	345
Herd Owner, Maurice Sowerby, Rockford.	Difference----	(3-8-5)	-862	+.8	+20
FOREMOST PALATIONS 341462----------	13 daughters--	31	6,128	5.6	341
Born, 3-5-31; proved, 3-31-47; dead; Mich.	5 daughters---	10	6,087	5.5	335
Sire, 309246; dam, 847557.	5 dams--------	15	7,998	4.5	358
Herd Owner, Sheldon H. Latourette, Hartland.	Difference----	(0-5-2)	-1,911	+1.0	-23
GOLDEN OXFORD ROMEO 356384----------	8 daughters---	9	6,938	5.8	401
Born, 10-1-32; proved, 3-14-47; alive; Conn.	8 dams--------	23	7,589	5.2	394
Sire, 289204; dam, 947300.	Difference----	(3-8-4)	-651	+.6	+ 7
Herd Owner, Charles F. Treat, Orange.					
GRAYBURN VALIANT MARINE 439545----------	8 daughters---	9	7,309	5.4	396
Born, 11-2-40; proved, 3-31-47; alive; Md.	8 dams--------	26	6,243	4.8	302
Sire, 103136 CJCC.; dam, 73451 CJCC.	Difference----	(6-7-6)	+1,066	+.6	+94
Herd Owner, N. C. Stiles & Sons, Rockville.					
INTERESTED OWL FOX 411946----------	7 daughters---	7	7,548	5.2	394
Born, 10-11-39; proved, 3-25-47;----; Va.	6 daughters---	6	7,785	5.2	403
Sire, 357462; dam, 1062557.	6 dams--------	15	7,437	5.5	410
Herd Owner, Mrs. Frank S. Walker, Orange.	Difference----	(3-2-2)	+348	-.3	- 7
IT OF MORROCROFT 364445----------	9 daughters---	21	6,502	5.7	370
Born, 9-19-34; proved, 3-14-47; dead; Kans.	6 daughters---	17	6,919	5.7	391
Sire, P. S. 6561 H. C.; dam, 1037129.	6 dams--------	17	7,863	5.5	435
Herd Owner, D. W. Boster, Larned.	Difference----	(2-5-2)	-944	+.2	-44
IVY'S POTENTATE 388232----------	11 daughters--	20	7,115	5.3	378
Born, 11-5-37; proved, 3-31-47;----; Vt.	11 dams-------	40	7,485	5.1	382
Sire, 347744; dam, 1050202.	Difference----	(3-7-4)	-370	+.2	- 4
Herd Owner, Henry A. Stafford, Bethel.					
LABURNUM BLONDE STAR 386146----------	12 daughters--	16	7,386	5.6	415
Born, 6-27-37; proved, 3-31-47;----; Iowa.	9 daughters---	13	8,031	5.5	444
Sire, 364901; dam, 652625.	9 dams--------	41	7,450	5.3	393
Herd Owner, Lyon Brothers, Toledo.	Difference----	(4-7-4)	+581	+.2	+51
LAKELAND L'ALVA CAVALIER 421519----------	5 daughters---	6	7,789	5.8	453
Born, 1-8-41; proved, 3-31-47; dead; Maine.	5 dams--------	13	8,956	5.9	525
Sire, 402765; dam, 1110434.	Difference----	(1-4-0)	-1,167	-.1	-72
Herd Owner, W. A. Libby, Sebago Lake.					
LINDELL PRINCE EMINENT 363414----------	21 daughters--	52	8,363	5.2	438
Born, 5-22-33; proved, 3-31-47; dead; Wash.	5 daughters---	12	7,247	5.0	364
Sire, 65405 CJCC.; dam, 706091.	5 dams--------	8	7,257	5.1	369
Herd Owner, Cloverfields Farm, Olympia.	Difference----	(2-3-2)	- 10	-.1	- 5
MAIDEN'S VICTOR 361781----------	20 daughters--	41	6,788	5.3	359
Born, 12-19-33; proved, 3-19-47;----; Iowa.	12 daughters--	24	7,461	5.2	389
Sire, 307834; dam, 723100.	12 dams-------	46	7,016	4.9	345
Herd Owner, P. J. Johnson, Inwood.	Difference----	(7-8-10)	+445	+.3	+44

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
OBSERVER PRIMATE DESIGN 412329----------	8 daughters---	8	6,801	5.0	340
Born, 4-13-40; proved, 3-25-47; alive; Idaho.	6 daughters---	6	7,065	4.9	344
Sire, 364678; dam, 1118296.	6 dams--------	25	7,744	5.6	431
Herd Owner, E. C. Comstock & Son, Nampa.	Difference----	(2-1-1)	-679	-.7	-87
OBSERVER ROSEBUD ONYX 404340----------	12 daughters--	16	6,848	5.1	353
Born, 1-11-39; proved, 3-31-47;----; Tenn.	10 daughters--	13	6,581	5.1	337
Sire, 343826; dam, 989509.	10 dams-------	35	6,640	5.2	342
Owner, Maury-Williamson A. B. A.	Difference----	(6-4-4)	- 59	-.1	- 5
ONWARD FLASHY LAD 420893 *(Aug. 1946)----------	11 daughters--	11	7,739	5.0	388
Born, 8-8-40; proved, 3-31-47; alive; W. Va.	11 dams-------	43	7,761	5.1	398
Sire, 327155; dam, 858612.	Difference----	(6-7-4)	- 22	-.1	-10
Herd Owner, Norman E. Lowe, Mannington.					
OUR EMINENT RALEIGH 361368----------	19 daughters--	41	6,379	5.1	326
Born, 10-18-33; proved, 3-14-47; dead; Ky.	5 daughters---	9	6,311	5.0	315
Sire, 323844; dam, 945952.	5 dams--------	15	6,361	5.3	334
Herd Owner, Melvin & Ford, Mayfield.	Difference----	(4-3-2)	- 50	-.3	-19
POMPEY CORONATION LAD 364443----------	16 daughters--	19	6,418	4.8	311
Born, 8-19-34; proved, 3-19-47; dead; N. Y.	7 daughters---	8	6,529	5.0	325
Sire, P. S. 6882 C.; dam, 1037136.	7 dams--------	17	7,178	5.4	385
Herd Owner,Mr. & Mrs. Michael Johnson,Meredith.	Difference----	(3-1-2)	-649	-.4	-60
PRINCESS' GAMBOGE KNIGHT 412896----------	12 daughters--	21	8,349	4.8	397
Born, 6-26-39; proved, 3-31-47;----; Utah.	11 daughters--	19	8,346	4.7	395
Sire, 379117; dam, 1146783.	11 dams-------	27	8,571	4.5	388
Herd Owner, Sorensen Brothers, East Garland.	Difference----	(6-9-6)	-225	+.2	+ 7
SAL RIO BONITA BLUE BOY 363086----------	18 daughters--	27	7,809	5.1	397
Born, 2-6-34; proved, 3-25-47; dead; Ariz.	13 daughters--	19	7,807	5.0	392
Sire, 340986; dam, 654142.	13 dams-------	21	8,283	5.0	415
Herd Owner, Mrs. Marie Fletcher, Phoenix.	Difference----	(5-9-6)	-476	.0	-23
STORRS VALIANT GAMBOGE 412952----------	7 daughters---	14	6,539	4.9	323
Born, 8-23-39; proved, 3-25-47;----; Conn.	6 daughters---	13	6,496	5.0	323
Sire, 360347; dam, 1117926.	6 dams--------	21	7,769	5.0	391
Herd Owner, John G. Butler, Pomfret Center.	Difference----	(0-3-0)	-1,273	.0	-68
SYBIL BLONDE OF BROOKMEAD 363055----------	11 daughters--	14	7,213	5.0	363
Born, 2-1-34; proved, 3-14-47;----; Md.	5 daughters---	7	7,010	5.0	349
Sire, 318192; dam, 922328.	5 dams--------	10	7,925	4.7	375
Herd Owner, Glen & E. R. McGrady, Rising Sun.	Difference----	(1-3-3)	-915	+.3	-26
SYBIL'S OXFORD PRINCE OF H. P. 363147----------	14 daughters--	28	7,194	5.2	376
Born, 4-2-34; proved, 3-14-47;----; N. Y.	5 daughters---	11	8,002	5.2	412
Sire, 192358; dam, 731866.	5 dams--------	16	7,417	5.2	385
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference----	(4-2-4)	+585	.0	+27
THOMAS' X IT 395841----------	11 daughters--	11	7,427	5.3	395
Born, 11-27-38; proved, 3-31-47;----; Mich.	11 dams-------	19	8,795	5.2	460
Sire, 374203; dam, 1125899.	Difference----	(2-8-1)	-1,368	+.1	-65
Herd Owner, Walter W. Wightman, Fennville.					
TRINITY JESTER SULTAN 365660----------	12 daughters--	26	8,702	5.1	444
Born, 6-1-34; proved, 3-31-47;----; Ill.	7 daughters---	16	7,902	5.3	422
Sire, 331925; dam, 1005703.	7 dams--------	29	8,652	5.7	493
Herd Owner, Lloyd Elson, Windsor.	Difference----	(3-1-1)	-750	-.4	-71
U-MO BUTTERCUP RALEIGH E 386400 *8----------	22 daughters--	69	7,298	5.5	399
Born, 10-28-36; proved, 3-31-47;----; Mo.	22 dams-------	126	6,604	5.6	373
Sire, 309431; dam, 1018801.	Difference----	(18-8-15)	+694	-.1	+26
Herd Owner, Leroy T. Halbert, Columbia.					
VOLUNTEER BLONDINE HERO 360221----------	8 daughters---	9	6,945	5.5	382
Born, 8-25-33; proved, 3-31-47;----; Ill.	7 daughters---	8	7,310	5.4	397
Sire, 295670; dam, 850842.	7 dams--------	19	7,715	5.6	431
Herd Owner, Fred E. Swartzendruber, Hopedale.	Difference----	(3-3-2)	-405	-.2	-34
WATFERN OXFORDIA LAD 393705----------	7 daughters---	16	8,040	5.1	408
Born, 4-20-38; proved, 3-21-47;----; N. Y.	7 dams--------	19	7,766	5.0	389
Sire, 373030; dam, 896141.	Difference----	(4-4-5)	+274	+.1	+19
Herd Owner, Lake Placid Club, Lake Placid Club.					
WONDER OF SUNSHINE FARM 362556----------	5 daughters---	13	6,578	5.1	338
Born, 3-31-34; proved, 3-25-47;----; Calif.	5 dams--------	14	7,365	4.6	340
Sire, 338219; dam, 878264.	Difference----	(2-5-3)	-787	+.5	- 2
Herd Owner, James N. Fulmor, Dixon.					
416290----------	11 daughters--	11	6,829	5.4	366
Born,----; proved, 3-31-47;----; Oreg.	10 daughters--	10	6,762	5.4	363
Sire, ----; dam, ----.	10 dams-------	37	7,443	5.7	426
Herd Owner, Lee W. Foster, Halsey.	Difference----	(2-2-1)	-681	-.3	-63

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
416808----------	9 daughters---	13	6,891	5.3	364
Born, ----; proved, 3-31-47; dead; N. J.	9 dams--------	23	8,187	4.7	389
Sire, ----; dam, ----.	Difference----	(0-8-2)	-1,296	+.6	-25
Herd Owner, Martin A. Steinhauer, High Bridge.					
35*S134668 (BANGS OR TB EARTAG)----------	15 daughters--	21	6,665	4.6	304
Born, ----; proved, 3-31-47;----; Wis.	12 daughters--	17	6,985	4.6	318
Sire, ----; dam, ----.	12 dams-------	34	7,177	4.4	316
Herd Owner, Edward Ratajczak, Kewaunee.	Difference----	(8-7-6)	-192	+.2	+ 2
43-A0099 (DHIA EARTAG) *5----------	14 daughters--	83	6,722	5.7	383
Born, 9- -33; proved, 3-31-47; dead; Mo.	14 dams-------	68	6,532	5.4	355
Sire, 293012; dam, ----.	Difference----	(8-11-8)	+190	+.3	+28
Herd Owner, Leroy T. Halbert, Columbia.					
RED POLLED SIRES					
LINWOOD FOREST 58648----------	9 daughters---	12	6,163	4.5	280
Born, 4-26-37; proved, 3-25-47;----; Iowa.	9 dams--------	41	6,501	4.4	284
Sire, 56863; dam, 74035.	Difference----	(6-6-5)	-338	+.1	- 4
Herd Owner, E. E. Tracy & Son, Nashua.					
MAC 57580----------	6 daughters---	13	6,880	4.5	310
Born, 2-1-36; proved, 3-25-47;----; Iowa.	5 daughters---	11	6,939	4.5	312
Sire, 56489; dam, 70715.	5 dams--------	31	6,385	4.9	314
Herd Owner, E. E. Tracy & Son, Nashua.	Difference----	(3-1-2)	+554	-.4	- 2
SHORTHORN SIRES					
BAR NONE BURNETT 1709160----------	7 daughters---	8	7,460	4.1	304
Born, 2-6-32; proved, 3-25-47;----; Iowa.	6 daughters---	7	7,936	4.1	324
Sire, 1337522; dam, 911157.	6 dams--------	21	10,463	3.8	394
Herd Owner, Edwin A. Miller, Rock Valley.	Difference----	(2-5-2)	-2,527	+.3	-70
BROOKSIDE ROBIN 1933822----------	6 daughters---	8	6,781	4.0	269
Born, 3-11-38; proved, 3-14-47; dead; Ill.	5 daughters---	7	6,487	4.0	260
Sire, 1833030; dam, 1645094.	5 dams--------	12	8,601	3.8	324
Herd Owner, Bruington Brothers, Cameron.	Difference----	(1-4-2)	-2,114	+.2	-64
WALGROVE WHITE CAMP FIRE 1914569----------	8 daughters---	14	6,963	4.1	282
Born, 7-21-37; proved, 3-14-47;----; Ill.	6 daughters---	10	7,061	4.0	283
Sire, 1757891; dam, 1782146.	6 dams--------	14	6,874	4.2	291
Herd Owner, Chester Peabody & C. R. Montgomery, Farmington.	Difference----	(3-1-3)	+187	-.2	- 8
AMERICAN SIRES					

MOHOFAR NAJAC 152
(This sire is also a registered Holstein "Mohofar Najac 825543." Proved Sire data included in Holstein listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 23, No. 5

May 1947

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FAMILY OF PROVED SIRE IMPORTANT

A proved-sire record alone usually does not provide all the information needed for a critical appraisal of the genetic worth of the sire. Production data and information on animals closely related to a sire are often quite helpful in evaluating the sire.

In an effort to make available for general use all DHIA proved-sire data that have been recorded and compiled, the Bureau of Dairy Industry has prepared film-strip diagrams of proved-sire families to show the genealogical or family-tree record of each sire proved in dairy-herd-improvement associations.

The diagrams include all the production records that have been reported and provide the necessary data for preparing a three-generation production pedigree for each proved sire. The film-strip diagrams are designed especially for use by State extension dairymen, county agents, Smith-Hughes instructors, and others who aid in the conduct of the Nation-wide DHIA Proved-Sire Program. The information material in the film strips is particularly useful to dairy extension workers who are engaged in advising dairymen about dairy-cattle breeding programs and in evaluating the breeding worth of individual proved sires and their sons.

The following film strips are now available:

Holstein Cattle Families 1/	Price $5.00
Jersey Cattle Families 1/	Price 1.50
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Requests for these film strips should be made to the Library, U. S. Department of Agriculture, Washington 25, D. C. State clearly exact film or films wanted. Remittance must accompany request. Make check or money order payable to "Treasurer of the United States."

1/ Includes data on all sires listed in the first 8 printed lists of sires proved in dairy-herd-improvement associations.

2/ Includes data on all sires listed in the first 9 printed lists of sires proved in dairy-herd-improvement associations.

DHIA PROVED-SIRE RECORDS TABULATED IN APRIL 1947

Following is a list of 308 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in April 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ALTA CREST HIGH CLOUD 60599----------	7 daughters---	7	9,427	3.9	365
Born, 12-12-38; proved, 4-21-47;----; Conn.	7 dams--------	22	10,039	3.8	385
Sire, 54577; dam, 174240.	Difference----	(3-4-3)	-612	+.1	-20
Herd Owner, Quiet Valley Farm, Bethel.					
ALTA CREST LANDSCAPE 57581----------	8 daughters---	16	9,871	4.1	405
Born, 9-24-37; proved, 4-24-47;----; Wash.	7 daughters---	15	9,762	4.1	398
Sire, 41952 imp.; dam, 183464 imp.	7 dams--------	29	8,556	4.0	342
Herd Owner, Rivermoor Ayrshire Farm, Rainier.	Difference----	(4-5-4)	+1,206	+.1	+56
ANCHOR MERE TAR BOY 59977----------	6 daughters---	9	6,237	4.1	255
Born, 6-14-38; proved, 4-22-47;----; Conn.	6 dams--------	18	8,511	4.0	340
Sire, 49382; dam, 151831.	Difference----	(1-3-0)	-2,274	+.1	-85
Herd Owner,Howard S. Chappuis & Sons,Bridgeport.					
AYRHAVEN'S BEST BET 63387----------	8 daughters---	12	9,842	3.7	359
Born, 11-23-39; proved, 4-24-47;----; N. Y.	5 daughters---	7	9,591	3.7	355
Sire, 50634; dam, 134340.	5 dams--------	9	10,344	3.6	369
Herd Owner, Claude A. Miller, Cincinnatus.	Difference----	(2-4-2)	-753	+.1	-14
BAKER FARM STAR WARRIOR 60069----------	7 daughters---	11	8,345	3.9	321
Born, 10-19-38; proved, 4-21-47; dead; Vt.	5 daughters---	9	7,982	3.9	311
Sire, 41621; dam, 168136.	5 dams--------	12	8,082	4.0	324
Herd Owner, Howard N. Hanson, Perkinsville.	Difference----	(3-2-2)	-100	-.1	-13
CACAPON HAPPY BOY (TWIN) 59242----------	6 daughters---	10	9,240	4.4	409
Born, 7-3-38; proved, 4-22-47; dead; W. Va.	5 daughters---	9	9,366	4.5	420
Sire, 54071; dam, 125799.	5 dams--------	8	9,597	4.1	398
Herd Owner, Reymann Memorial Farms,Morgantown.	Difference----	(2-5-3)	-231	+.4	+22
DAWNWOOD LILIAS' JIM 62690----------	5 daughters---	5	8,310	3.9	324
Born, 10-27-39; proved, 4-9-47; dead; N. Y.	5 dams--------	14	8,057	4.1	331
Sire, 56192; dam, 182977.	Difference----	(3-1-3)	+253	-.2	- 7
Herd Owner, Dawnwood Farm, Amenia.					
FAIR MAPLES RED STAR 57926----------	11 daughters--	16	7,766	4.3	330
Born, 12-20-37; proved, 4-24-47; dead; N. Y.	10 daughters--	14	7,847	4.3	335
Sire, 34996; dam, 131690.	10 dams-------	23	7,816	4.0	313
Herd Owner, Theodore R. Honer, Castorland.	Difference----	(5-8-7)	+ 31	+.3	+22
FIELDSTONE RED RULER 63761----------	13 daughters--	20	10,717	3.7	400
Born, 10-21-39; proved, 4-24-47;----; Md.	10 daughters--	16	10,618	3.8	402
Sire, 57335; dam, 122242.	10 dams-------	25	9,697	4.1	393
Herd Owner, William H. Hill & Sons, Woodbine.	Difference----	(7-2-5)	+921	-.3	+ 9
FILLMORE KENNEDY 61510----------	12 daughters--	17	8,271	3.8	313
Born, 2-6-39; proved, 4-15-47;----; Vt.	9 daughters---	14	7,902	3.8	298
Sire, 56766; dam, 142806.	9 dams--------	13	9,084	3.9	358
Herd Owner, The Hedges, Middlebury.	Difference----	(4-4-4)	-1,182	-.1	-60
HOMESITE ETHEL'S STAR 60971----------	11 daughters--	13	7,575	4.0	301
Born, 3-30-39; proved, 4-9-47;----; Vt.	10 daughters--	12	7,682	4.0	305
Sire, 41621; dam, 149967.	10 dams-------	33	8,693	4.1	354
Herd Owner, A. S. Pratt & Son, Vergennes.	Difference----	(3-4-4)	-1,011	-.1	-49
JUNE'S FOLLOW ON 62017----------	9 daughters---	14	8,742	3.8	336
Born, 6-9-39; proved, 4-28-47; alive; Md.	6 daughters---	10	9,398	3.9	366
Sire, 46110; dam, 219727.	6 dams--------	9	7,254	3.7	271
Herd Owner, Daniel Raffel, Sparks.	Difference----	(6-5-6)	+2,144	+.2	+95
LAMB'S TIMOTHY PAR 61680----------	9 daughters---	17	7,851	4.3	340
Born, 6-6-39; proved, 4-17-47;----; Iowa.	6 daughters---	11	7,822	4.5	348
Sire, 45529; dam, 168335.	6 dams--------	13	8,702	4.0	346
Herd Owner, William F. Henn, Terril.	Difference----	(2-6-3)	-880	+.5	+ 2
LIPPITT GHOST ROCK 62802----------	5 daughters---	6	9,063	4.0	361
Born, 10-7-39; proved, 4-22-47;----; R. I.	5 dams--------	16	9,155	3.9	357
Sire, 57032; dam, 113443.	Difference----	(2-4-1)	- 92	+.1	+ 4
Herd Owner,Rhode Island State College, Kingston.					

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PEGGY'S DAIRY KING LAD 65201----------	7 daughters---	11	7,202	4.5	323
Born, 6-14-40; proved, 4-17-47;----; N. Y.	6 daughters---	10	7,555	4.5	339
Sire, 49039; dam, 187364.	6 dams--------	16	8,057	4.0	321
Herd Owner, Galway Farms, Amsterdam.	Difference----	(2-6-4)	-502	+.5	+18
QUIET VALLEY STAR ADVANCER 65622----------	9 daughters---	9	9,194	3.9	360
Born, 9-7-40; proved, 4-9-47; alive; Conn.	6 daughters---	6	8,983	4.0	362
Sire, 35622; dam, 203605.	6 dams--------	10	9,324	4.0	374
Herd Owner, E. Forrest & Son, Litchfield.	Difference----	(2-4-3)	-341	.0	-12
ROCKIEWAY LETO 60608----------	20 daughters--	31	7,507	4.1	311
Born, 8-17-38; proved, 4-21-47;----; N. Y.	15 daughters--	24	7,480	4.2	313
Sire, 48393; dam, 146128.	15 dams-------	51	8,142	4.0	326
Herd Owner, Laurel J. Stammer & Son, Gouverneur.	Difference----	(7-12-9)	-662	+.2	-13
SPRINGLEA SEABISCUIT, IMP. 60698----------	5 daughters---	8	10,180	3.8	391
Born, 12-27-37; proved, 4-22-47;----; Ind.	5 dams--------	15	9,711	3.9	377
Sire, 52807; dam, 214117.	Difference----	(3-2-3)	+469	-.1	+14
Herd Owner, Hugo Fuelling, Hoagland.					
SYCAMORE CHALLENGER 62179----------	20 daughters--	29	8,487	3.9	330
Born, 7-17-39; proved, 4-22-47;----; N. Y.	20 dams-------	80	8,065	4.1	329
Sire, 51654; dam, 177829.	Difference----	(12-5-9)	+422	-.2	+ 1
Herd Owner, Milton R. Ward, Delhi.					
SYCAMORE SUN CINQ 59859----------	6 daughters---	10	9,420	3.7	352
Born, 9-11-38; proved, 4-28-47; alive; N. Y.	5 daughters---	9	9,647	3.7	359
Sire, 51654; dam, 137914.	5 dams--------	31	10,381	3.9	409
Herd Owner, Marshall F. Cheesman, Ellenburg Depot.	Difference----	(2-0-0)	-734	-.2	-50
SYCAMORE WHITE SUN 59862----------	15 daughters--	28	8,753	4.3	372
Born, 9-24-38; proved, 4-9-47;----; Pa.	10 daughters--	17	8,963	4.3	385
Sire, 51654 imp.; dam, 151245.	10 dams-------	23	8,562	4.1	352
Herd Owner, Masonic Homes Farms, Elizabethtown.	Difference----	(4-7-5)	+401	+.2	+33
SYMBOL'S GOLD BOND (TWIN) 63791----------	7 daughters---	7	8,439	4.3	362
Born, 10-31-39; proved, 4-9-47; dead; Iowa.	7 dams--------	31	9,698	4.0	386
Sire, 56102; dam, 180506.	Difference----	(1-6-4)	-1,259	+.3	-24
Herd Owner, Henry Lindemann, Livermore.					
WHITPAIN FIRST MAN 61571----------	7 daughters---	11	7,950	4.2	332
Born, 3-30-39; proved, 4-9-47;----; Vt.	5 daughters---	9	8,246	4.1	335
Sire, 43060; dam, 183572.	5 dams--------	23	8,728	4.0	348
Herd Owner, Burton Baker, Forest Dale.	Difference----	(3-3-3)	-482	+.1	-13
WINWOOD CHARMING CHARLEY 63350----------	20 daughters--	23	9,007	3.4	310
Born, 1-7-40; proved, 4-22-47;----; Calif.	13 daughters--	13	8,992	3.4	310
Sire, 57512; dam, 196576.	13 dams-------	26	8,723	4.0	350
Herd Owner, Charles Kearney, Davis.	Difference----	(6-2-5)	+269	-.6	-40
BROWN SWISS SIRES					
ARLENE'S SON OF HILLTOP 33162----------	8 daughters---	14	8,686	4.0	344
Born, 3-25-35; proved, 4-22-47; dead; W. Va.	5 daughters---	8	8,674	3.9	337
Sire, 16367; dam, 36380.	5 dams--------	12	9,124	4.0	362
Herd Owner, W. D. Watkins, Wheeling.	Difference----	(2-2-2)	-450	-.1	-25
BETTY'S BUTTER BOY 47122----------	7 daughters---	9	7,792	4.4	342
Born, 3-13-40; proved, 4-9-47; dead; Iowa.	7 dams--------	11	9,859	3.9	382
Sire, 41921; dam, 41240.	Difference----	(0-6-0)	-2,067	+.5	-40
Herd Owner, E. L. Telleen & Sons, Gowrie.					
BIG WIG OF LEE'S HILL 46163----------	7 daughters---	9	12,088	4.1	494
Born, 2-28-40; proved, 4-22-47;----; Ohio.	6 daughters---	8	11,896	4.2	496
Sire, 37565; dam, 42419.	6 dams--------	17	11,355	4.1	470
Owner, Western Ohio A. B. A.	Difference----	(3-5-3)	+541	+.1	+26
COLONEL HARRY OF J. B. 48672----------	8 daughters---	8	12,092	4.4	531
Born, 10-28-40; proved, 4-9-47; alive; Conn.	8 dams--------	26	10,462	4.3	447
Sire, 34504; dam, 29496.	Difference----	(5-7-6)	+1,630	+.1	+84
Herd Owner, Judd's Bridge Farms, New Milford.					
DAME MELROY'S KEEPER J. B. 45441----------	7 daughters---	8	10,822	4.3	467
Born, 8-29-39; proved, 4-15-47;----; Ill.	6 daughters---	6	10,914	4.3	471
Sire, 31653; dam, 45322.	6 dams--------	16	11,364	3.9	442
Herd Owner, Leonard R. Anderson, Walnut.	Difference----	(2-6-5)	-450	+.4	+29
EVANGELINE'S BROWNIE 46830----------	10 daughters--	18	9,535	4.2	400
Born, 1-1-40; proved, 4-9-47;----; N. Y.	10 dams-------	34	10,397	4.1	424
Sire, 27880; dam, 42677.	Difference----	(4-7-5)	-862	+.1	-24
Herd Owner, Walter F. Brown & Sons, Hinsdale.					

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FOXWOOD'S GLORY AGAIN 46795----------	11 daughters--	11	8,253	4.2	343
Born, 2-15-40; proved, 4-9-47;----; Ill.	11 dams-------	43	10,132	4.0	406
Sire, 40472; dam, 66012.	Difference----	(3-8-3)	-1,879	+.2	-63
Herd Owner, E. J. Hieser, Pekin.					
INEZ' SWISS LADY'S CAPTAIN 29167----------	18 daughters--	50	9,921	3.9	383
Born, 7-27-33; proved, 4-21-47;----; Iowa.	5 daughters---	12	10,233	3.9	396
Sire, 28594; dam, 45339.	5 dams--------	6	7,364	4.0	295
Herd Owner, Elso Groote, Grundy Center.	Difference----	(4-1-4)	+2,869	-.1	+101
JUDD'S BRIDGE BARON 47468----------	5 daughters---	5	10,259	4.1	422
Born, 7-8-40; proved, 4-9-47; alive; N. Y.	5 dams--------	24	9,313	4.2	390
Sire, 31653; dam, 33133.	Difference----	(4-3-4)	+946	-.1	+32
Herd Owner, A. Schillawski & Son, Auburn.					
KING B. OF COTTAGE FARM 45174----------	6 daughters---	8	9,815	4.2	415
Born, 2-28-39; proved, 4-9-47;----; Pa.	6 dams--------	26	9,499	4.2	400
Sire, 41051; dam, 55889.	Difference----	(4-4-3)	+316	.0	+15
Herd Owner, Miles C. Bagshaw & Charles Koch, Hollidaysburg.					
LANCASTER'S RINGMASTER BOY 32909----------	7 daughters---	8	8,492	3.6	307
Born, 9-17-34; proved, 4-22-47;----; Ohio.	6 daughters---	7	7,538	3.7	281
Sire, 27464; dam, 23775.	6 dams--------	8	10,158	4.0	402
Herd Owner, Elmer Fryman & Sons, Prospect.	Difference----	(1-2-0)	-2,620	-.3	-121
LINDY OF PLEASANT VIEW 30116----------	8 daughters---	17	10,694	3.8	407
Born, 7-26-32; proved, 4-15-47;----; Ohio.	6 daughters---	14	11,085	3.7	416
Sire, 18367; dam, 26003.	6 dams--------	13	10,751	3.5	374
Herd Owner,St. Marys Novitiate, Burkettsville.	Difference----	(3-5-4)	+334	+.2	+42
MEADOW GREEN THEO 26696----------	10 daughters--	20	10,308	3.7	383
Born, 2-16-31; proved, 4-24-47; dead; Wis.	7 daughters---	17	10,454	3.7	388
Sire, 16427; dam, 13296.	7 dams--------	10	10,867	3.9	424
Herd Owner, John C. Cleaver, Rubicon.	Difference----	(4-2-3)	-413	-.2	-36
NACKERS COLLEGE ROYAL 43890----------	11 daughters--	11	9,144	4.4	404
Born, 3-10-39; proved, 4-24-47;----; Ill.	10 daughters--	10	9,333	4.5	416
Sire, 31101; dam, 46611.	10 dams-------	46	8,459	4.2	356
Herd Owner, Edwin Keim, Mount Carroll.	Difference----	(6-8-7)	+874	+.3	+60
ROYAL'S BOB 31072----------	8 daughters---	12	9,695	4.0	383
Born, 11-13-33; proved, 4-17-47;----; Wis.	5 daughters---	8	9,388	4.0	375
Sire, 28594; dam, 30863.	5 dams--------	6	8,204	3.8	312
Herd Owner, John H. Ellefson, Genoa.	Difference----	(4-4-4)	+1,184	+.2	+63
SIOUX 47485----------	5 daughters---	7	8,716	4.2	365
Born, 8-4-39; proved, 4-9-47; alive; Colo.	5 dams--------	6	8,743	4.4	388
Sire, 27880; dam, 65212.	Difference----	(3-4-3)	- 27	-.2	-23
Herd Owner, Hank Williams, Glenwood Springs.					
SIR GALAHAD OF ALFALFA KNOLL 28080----------	23 daughters--	45	10,858	3.8	409
Born, 6-10-32; proved, 4-22-47;----; Ill.	7 daughters---	13	11,765	3.7	438
Sire, 25443; dam, 20245.	7 dams--------	13	12,086	4.0	482
Herd Owner, N. E. Leep, Lowell, Ind.	Difference----	(3-1-2)	-321	-.3	-44
SYBIL'S COLLEGE BOY 25124----------	14 daughters--	28	8,943	4.0	359
Born, 9-4-30; proved, 4-22-47;----; Ill.	5 daughters---	7	8,905	4.2	375
Sire, 7495; dam, 10995.	5 dams--------	13	9,284	3.8	356
Herd Owner, Clifford W. Gentes, Chenoa.	Difference----	(2-4-2)	-379	+.4	+19
GUERNSEY SIRES					
ADOHR ELDOR NOBLEMAN 282053----------	6 daughters---	6	9,218	5.0	460
Born, 1-1-40; proved, 4-10-47;----; Calif.	6 dams--------	23	7,750	4.9	377
Sire, 217325; dam, 432082.	Difference----	(6-4-6)	+1,468	+.1	+83
Herd Owner,Sleepy Hollow Certified Milk Company, Petaluma.					
ARCHER OF TAMARACK RIDGE 252962----------	5 daughters---	8	9,133	4.8	435
Born, 9-26-37; proved, 4-17-47;----; Ind.	5 dams--------	14	7,994	4.9	391
Sire, 209639; dam, 448091.	Difference----	(4-3-4)	+1,139	-.1	+44
Herd Owner, C. C. Hershberger & Son, Bremen.					
BARCELONA'S NOBLE OF FAIRVIEW 277151----------	6 daughters---	9	6,576	4.8	313
Born, 7-17-38; proved, 4-17-47;----; Pa.	6 dams--------	26	6,492	5.0	323
Sire, 234922; dam, 478998.	Difference----	(4-2-3)	+ 84	-.2	-10
Herd Owner, Mrs. Rose Murren, Hanover.					
BAYVILLE CHAMPION'S FOREMOST 273039----------	5 daughters---	13	8,237	4.5	371
Born, 1-25-39; proved, 4-10-47;----; Va.	5 dams--------	30	7,493	4.6	347
Sire, 136679; dam, 317729.	Difference----	(3-2-3)	+744	-.1	+24
Herd Owner, T. E. Jamison, Buchanan.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BAYVILLE CHAMPION'S PRINCE 282481----------	7 daughters---	8	7,553	4.6	348
Born, 10-4-37; proved, 4-18-47;----; Va.	5 daughters---	6	7,441	4.4	329
Sire, 136679; dam, 317729.	5 dams--------	9	7,111	5.2	368
Herd Owner, Bayville Farms, Lynnhaven.	Difference----	(3-1-2)	+330	-.8	-39
BONNIE'S SIOUX OF MUNROHOLM 254867----------	10 daughters--	16	7,059	5.3	373
Born, 8-28-37; proved, 4-15-47;----; N. Y.	9 daughters---	15	6,897	5.2	362
Sire, 197691; dam, 353281.	9 dams--------	44	7,657	5.0	380
Herd Owner, Mrs. Thomas H. Munro, Camillus.	Difference----	(4-7-4)	-760	+.2	-18
CHILMARK MARINER 232382----------	11 daughters--	24	6,933	5.1	352
Born, 9-24-35; proved, 4-9-47;----; N. Y.	8 daughters---	15	6,507	5.1	329
Sire, 195873; dam, 280081.	8 dams--------	20	7,530	5.2	390
Herd Owner, F. Howard Slayton, Port Byron.	Difference----	(2-5-3)	-1,023	-.1	-61
CHUCKANUT JUSTINE 207183----------	11 daughters--	19	7,666	5.1	391
Born, 1-18-33; proved, 4-9-47;----; Wash.	7 daughters---	12	7,822	5.1	398
Sire, 180582; dam, 337634.	7 dams--------	30	8,485	4.7	395
Herd Owner, Mel Palmquist, Elk.	Difference----	(3-6-4)	-663	+.4	+ 3
DEBARRY FARM CARL ULTIMAS 253957----------	6 daughters---	9	6,913	4.6	315
Born, 9-4-37; proved, 4-21-47; dead; Ill.	5 daughters---	7	7,139	4.6	327
Sire, 230513; dam, 461264.	5 dams--------	11	8,450	4.6	385
Herd Owner, Charles E. Crone, Chicago.	Difference----	(0-2-1)	-1,311	.0	-58
DONNIEBROOK'S FERDINAND 255790----------	10 daughters--	17	6,931	5.2	357
Born, 11-17-37; proved, 4-10-47;----; Conn.	9 daughters---	16	6,852	5.2	354
Sire, 218389; dam, 385593.	9 dams--------	48	7,412	4.9	364
Herd Owner, Donniebrook Farm, Brookfield Center.	Difference----	(5-8-6)	-560	+.3	-10
DON'S DAN OF FUTURE HOPE 303355----------	7 daughters---	10	6,528	5.4	354
Born, 12-30-38; proved, 4-24-47;----; Wis.	6 daughters---	9	6,695	5.5	367
Sire, 248348; dam, 485134.	6 dams--------	36	7,862	5.2	411
Herd Owner, Elmer T. Voigt, Reedsville.	Difference----	(1-5-1)	-1,167	+.3	-44
DOUGLASTON BARON BYRON 273431----------	5 daughters---	5	7,067	5.2	365
Born, 2-3-39; proved, 4-24-47;----; N. Y.	5 dams--------	5	7,401	5.1	377
Sire, 226719; dam, 450321.	Difference----	(3-3-2)	-334	+.1	-12
Herd Owner, G.W.Brees & C.L.Perrin, De Kalb Junction.					
EVERGREEN'S HOPEMORE FERDINAND 277694----------	8 daughters---	10	8,728	4.7	406
Born, 4-16-39; proved, 4-17-47; dead; N. J.	8 dams--------	19	9,016	4.8	435
Sire, 248512; dam, 459267.	Difference----	(3-3-3)	-288	-.1	-29
Owner, Burlington County A. B. A.					
FIDDLERS GREEN BRAVE 253926----------	6 daughters---	9	7,702	4.8	372
Born, 4-26-37; proved, 4-10-47;----; Va.	6 dams--------	9	6,929	4.8	331
Sire, 212372; dam, 360220.	Difference----	(4-3-4)	+773	.0	+41
Herd Owner, Fulton Farm, Stuart.					
FOREMOST SUPREME CAVALIER 274053----------	20 daughters--	24	8,911	5.0	444
Born, 1-4-39; proved, 4-28-47; alive; Va.	19 daughters--	22	8,969	5.0	444
Sire, 182562; dam, 277113.	19 dams-------	53	7,843	5.1	404
Herd Owner, John D. Blair, Jr., Richmond.	Difference----	(14-9-16)	+1,126	-.1	+40
HAPPYHOLME QUEEN'S CHALLENGER 294898----------	16 daughters--	17	9,170	4.8	440
Born, 4-25-40; proved, 4-16-47; alive; Calif.	16 dams-------	39	6,925	4.9	338
Sire, 215610; dam, 307310.	Difference----	(13-8-13)	+2,245	-.1	+102
Herd Owner, Warren S. Tillson, Modesto.					
LAND O CANAAN CHIEF 283033----------	6 daughters---	10	7,226	4.6	332
Born, 8-29-39; proved, 4-21-47;----; Iowa.	6 dams--------	28	7,624	4.8	368
Sire, 214325; dam, 422987.	Difference----	(2-3-2)	-398	-.2	-36
Herd Owner, Graver's Dairy, Lisbon.					
LEASURE RUN NEATER 253974----------	6 daughters---	9	7,990	5.1	409
Born, 9-15-37; proved, 4-10-47;----; Pa.	5 daughters---	8	7,952	5.0	401
Sire, 201693; dam, 419242.	5 dams--------	15	8,827	4.9	430
Herd Owner, R. L. Fleming, New Bethlehem.	Difference----	(2-5-3)	-875	+.1	-29
LULA BELLE'S ULTRA IDOL 276579----------	7 daughters---	7	6,348	5.2	327
Born, 2-21-39; proved, 4-17-47;----; Minn.	5 daughters---	5	6,399	5.0	323
Sire, 201713; dam, 411218.	5 dams--------	10	6,157	5.0	306
Owner, Minnesota A. B. A.	Difference----	(3-4-3)	+242	.0	+17
LYNBROOK MILLS 252337----------	9 daughters---	15	7,045	4.8	338
Born, 6-2-36; proved, 4-21-47;----; N. Y.	8 daughters---	14	6,925	4.8	332
Sire, 231252; dam, 429723.	8 dams--------	37	8,122	4.8	393
Herd Owner, Victor F. Knack, Roscoe.	Difference----	(2-5-2)	-1,197	.0	-61
MATAPA DELIGHT'S ROYAL BOB 256890----------	8 daughters---	22	7,606	4.7	357
Born, 4-19-36; proved, 4-17-47; alive; Calif.	8 dams--------	31	6,986	4.8	337
Sire, 192936; dam, 372431.	Difference----	(5-3-5)	+620	-.1	+20
Herd Owner, C. M. Morelli, Petaluma.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAYPRINCE'S INBOUND GOLD 252947----------	7 daughters---	11	7,069	4.8	337
Born, 5-22-37; proved, 4-10-47;----; N. Y.	6 daughters---	8	7,395	4.7	347
Sire, 210570; dam, 376934.	6 dams--------	17	8,291	4.8	397
Herd Owner, Edward L. Nye, Spencerport.	Difference----	(0-3-1)	-896	-.1	-50
MAYSON OF PROSPECT HILL 257587----------	5 daughters---	8	7,388	4.6	342
Born, 12-21-35; proved, 4-21-47;----; N. Y.	5 dams--------	19	7,565	4.9	370
Sire, 144849; dam, 272601.	Difference----	(1-2-1)	-177	-.3	-28
Herd Owner, Marcus H. Butler, Perry.					
MAYWOOD ROBDAY 245664----------	7 daughters---	17	7,240	4.7	340
Born, 8-25-36; proved, 4-17-47;----; Pa.	6 daughters---	16	7,534	4.7	356
Sire, 204887; dam, 411220.	6 dams--------	22	8,371	4.7	393
Herd Owner, Robert E. Kline & Son, Benton.	Difference----	(1-4-2)	-837	.0	-37
MCDONALD FARMS DYNAMO 274204----------	9 daughters---	12	8,553	4.8	415
Born, 8-28-38; proved, 4-21-47; dead; N. Y.	9 dams--------	41	7,889	4.7	368
Sire, 233983; dam, 474727.	Difference----	(5-6-7)	+664	+.1	+47
Herd Owner,Oscar A. Borden & Sons,Schaghticoke.					
NJES AUGUSTIN LARKSPUR JAMES 295980----------	6 daughters---	8	7,640	4.8	363
Born, 10-20-40; proved, 4-10-47;----; Pa.	6 dams--------	14	8,750	4.6	404
Sire, 267773; dam, 406949.	Difference----	(2-4-3)	-1,110	+.2	-41
Herd Owner, Bell Gate Farm, Coopersburg.					
OHA'S KING OF JOHNSON FARM 207228----------	10 daughters--	16	6,518	4.4	288
Born, 5-1-30; proved, 4-15-47;----; Conn.	7 daughters---	11	6,541	4.5	292
Sire, 166867; dam, 290936.	7 dams--------	17	8,299	4.5	373
Herd Owner,Charles Greenbacker & Sons, Meriden.	Difference----	(1-3-1)	-1,758	.0	-81
OWEN'S PLACE MAMIE'S LADDIE 282001----------	14 daughters--	14	8,571	5.0	431
Born, 8-9-38; proved, 4-10-47;----; Ind.	9 daughters---	9	8,543	5.0	427
Sire, 228826; dam, 510603.	9 dams--------	14	8,404	5.2	436
Herd Owner, I. W. Shenefield & Son, Plymouth.	Difference----	(6-3-4)	+139	-.2	- 9
PANSY BELL'S TED OF SPRINGDALE 290166----------	5 daughters---	6	8,907	4.5	398
Born, 1-1-38; proved, 4-18-47;----; Mich.	5 dams--------	19	6,970	4.7	325
Sire, 239695; dam, 447844.	Difference----	(4-3-4)	+1,937	-.2	+73
Herd Owner, Carl Schwass, Scottville.					
PRINCE OF VIEWSITE FARM 290352----------	5 daughters---	5	8,075	4.6	374
Born, 2-10-40; proved, 4-16-47; alive; Md.	5 dams--------	14	6,779	4.3	289
Sire, 221672; dam, 405224.	Difference----	(4-5-4)	+1,296	+.3	+85
Herd Owner, H. H. Carter, Rockville.					
QUAIL ROOST KING ALBERT 255939----------	10 daughters--	20	5,806	5.2	301
Born, 7-25-37; proved, 4-15-47;----; Va.	8 daughters---	15	5,693	5.2	294
Sire, 215828; dam, 363368.	8 dams--------	14	5,298	5.2	273
Herd Owner, Ellerslie Farm, Petersburg.	Difference----	(4-5-6)	+395	.0	+21
ROCKINGHAM CHAPPIE 288778----------	6 daughters---	6	8,760	4.4	386
Born, 4-13-39; proved, 4-22-47;----; N. H.	5 daughters---	5	8,914	4.4	392
Sire, 215922; dam, 477781.	5 dams--------	11	6,791	4.9	334
Herd Owner, Roger C. Sanborn, Boscawen.	Difference----	(5-0-5)	+2,123	-.5	+58
ROCKINGHAM MONITOR 289965----------	11 daughters--	14	8,477	5.1	435
Born, 11-4-39; proved, 4-21-47;----; Pa.	11 dams-------	50	8,857	5.1	452
Sire, 199981; dam, 388668.	Difference----	(6-6-7)	-380	.0	-17
Herd Owner, W. C. Clark, Lahaska.					
ROYAL LANDSMAN 146332 *5----------	26 daughters--	38	7,724	4.8	372
Born, 12-14-27; proved, 4-25-47; dead; Minn.	18 daughters--	29	7,886	4.8	382
Sire, 112292; dam, 101481.	18 dams-------	32	8,172	4.7	387
Herd Owner, North Central School & Station, Grand Rapids.	Difference----	(7-14-9)	-286	+.1	- 5
ROYAL MERENUS 254755----------	10 daughters--	14	7,947	4.6	366
Born, 7-11-37; proved, 4-10-47; dead; N. Y.	10 dams-------	42	7,740	4.8	374
Sire, 229913; dam, 492495.	Difference----	(6-2-6)	+207	-.2	- 8
Herd Owner, Sidney W. Thomas, Gorham.					
ST. JAMES ROCKET'S FLASH 282316----------	20 daughters--	24	8,375	4.5	374
Born, 8-4-39; proved, 4-8-47; alive; Minn.	13 daughters--	17	8,917	4.5	404
Sire, 257183; dam, 422998.	13 dams-------	43	8,508	4.7	398
Herd Owner, Elmer J. Wirt, Lewiston.	Difference----	(10-6-9)	+409	-.2	+ 6
SAUGERTIES FLYING FOX 247240----------	6 daughters---	12	6,448	5.1	328
Born, 3-21-37; proved, 4-28-47;----; N. Y.	6 dams--------	30	6,966	4.9	339
Sire, 218317; dam, 243366.	Difference----	(2-4-2)	-518	+.2	-11
Herd Owner, Saugerties Farm, Saugerties.					
SHERWOOD FOREST FASHION 284299----------	7 daughters---	7	9,472	4.8	451
Born, 12-28-39; proved, 4-22-47; dead; N. Y.	6 daughters---	6	9,137	4.7	429
Sire, 252526; dam, 407695.	6 dams--------	19	8,214	4.9	401
Herd Owner, Judson J. Morgan, Canandaigua.	Difference----	(4-2-4)	+923	-.2	+28

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SPRING RIDGE DART'S LEADER 290557----------	7 daughters---	8	6,882	4.4	306
Born, 2-9-40; proved, 4-24-47;----; Wis.	6 daughters---	7	6,790	4.5	306
Sire, 245207; dam, 437436.	6 dams--------	17	7,883	4.7	374
Herd Owner, Carl Wickern, Baraboo.	Difference----	(2-3-1)	-1,093	-.2	-68
SPRUCE SHADOWS SOCRATES 270926----------	8 daughters---	11	8,147	4.5	365
Born, 1-2-39; proved, 4-17-47;----; Minn.	8 dams--------	29	8,298	4.8	399
Sire, 250299; dam, 466206.	Difference----	(3-2-2)	-151	-.3	-34
Herd Owner, Shady Oaks Farm, Hopkins.					
TIM OF BARNUMVILLE 293342----------	6 daughters---	8	5,954	4.3	254
Born, 3-1-39; proved, 4-18-47;----; Wis.	6 dams--------	17	7,271	4.5	325
Sire, 241297; dam, 431436.	Difference----	(2-3-1)	-1,317	-.2	-71
Herd Owner, E. R. Prindle & Sons, Alma Center.					
VAGABOND OF WHITE HALL 273047----------	14 daughters--	20	7,246	4.5	329
Born, 2-6-39; proved, 4-24-47;----; Pa.	12 daughters--	17	7,401	4.6	339
Sire, 231275; dam, 396819.	12 dams-------	39	7,290	4.7	346
Herd Owner, J. Harlan Frantz, Waynesboro.	Difference----	(7-6-7)	+111	-.1	- 7
VALKYRIE KING'S LADDIE 252169----------	11 daughters--	25	10,094	4.8	481
Born, 8-21-36; proved, 4-28-47; alive; Va.	10 daughters--	22	10,320	4.8	491
Sire, 198839; dam, 311173.	10 dams-------	35	8,615	4.6	392
Herd Owner, Walnut Grove Farms, Shawsville.	Difference----	(8-7-9)	+1,705	+.2	+99
WEALWOOD JOHNNY 304188----------	8 daughters---	12	10,063	4.7	470
Born, 9-1-40; proved, 4-10-47; alive; Pa.	7 daughters---	11	10,247	4.7	479
Sire, 251255; dam, 556804.	7 dams--------	32	8,946	4.9	443
Herd Owner, Wealwood Farm, Landenberg.	Difference----	(4-2-4)	+1,301	-.2	+36
WESCLAIR NOBLE FASHION 282614----------	6 daughters---	13	9,771	5.0	490
Born, 8-25-36; proved, 4-16-47; dead; Wash.	5 daughters---	11	9,919	5.1	502
Sire, 219065; dam, 309733.	5 dams--------	7	9,608	4.8	457
Herd Owner, Ray Dealy, Bow.	Difference----	(3-3-3)	+311	+.3	+45
WEST HICKORY WHITE TOP 257923----------	9 daughters---	19	5,600	4.8	270
Born, 11-20-37; proved, 4-15-47;----; Pa.	7 daughters---	14	5,515	4.8	266
Sire, 228454; dam, 311309.	7 dams--------	22	6,595	4.4	291
Herd Owner, King Brothers, West Hickory.	Difference----	(1-7-3)	-1,080	+.4	-25
WILLOW BROOK'S PREMIER 246184----------	20 daughters--	31	7,488	4.5	338
Born, 10-28-36; proved, 4-9-47;----; Ohio.	19 daughters--	30	7,357	4.5	331
Sire, 217319; dam, 391038.	19 dams-------	75	7,775	4.6	360
Herd Owner, Esther F. Shultz, Galena.	Difference----	(8-6-9)	-418	-.1	-29
276667----------	9 daughters---	15	8,019	5.1	407
Born, 11-17-38; proved, 4-22-47;----; Pa.	8 daughters---	14	8,010	5.1	410
Sire, 215922; dam, 188421.	8 dams--------	44	9,079	5.2	472
Herd Owner, Clarence H. Smith & Son, Wycombe.	Difference----	(2-3-1)	-1,069	-.1	-62
12*D25129 (BANGS OR TB EARTAG)----------	6 daughters---	9	6,654	4.4	294
Born, ----; proved, 4-28-47;----; N. H.	6 dams--------	15	5,868	4.6	270
Sire, ----; dam, ----.	Difference----	(3-3-3)	+786	-.2	+24
Herd Owner, Dura P. Crockett, New London.					
54-0936 (DHIA EARTAG)----------	5 daughters---	16	5,040	4.4	221
Born, ----; proved, 4-15-47; dead; W. Va.	5 dams--------	16	5,927	4.7	281
Sire, ----; dam, ----.	Difference----	(1-1-0)	-887	-.3	-60
Herd Owner, J. N. Thatcher Company, Martinsburg.					

HOLSTEIN SIRES

ADMIRAL ORMSBY FOBES BURKE 794106----------	10 daughters--	13	10,066	3.3	337
Born, 1-5-40; proved, 4-25-47;----; Pa.	5 daughters---	7	11,178	3.3	367
Sire, 743726; dam, 1650389.	5 dams--------	8	12,945	3.0	388
Herd Owner, James W. Ball, Montrose.	Difference----	(2-5-2)	-1,767	+.3	-21
ADMIRAL VICKERY DE LUXE 793801----------	10 daughters--	11	11,118	3.8	419
Born, 1-11-39; proved, 4-18-47;----; Wis.	8 daughters---	8	10,894	3.8	411
Sire, 704027; dam, 1501515.	8 dams--------	25	13,496	3.4	461
Herd Owner, Louie Beck, Oshkosh.	Difference----	(0-8-1)	-2,602	+.4	-50
AIRLAND ONA SPOFFORD 811880----------	7 daughters---	9	14,831	3.5	518
Born, 8-29-40; proved, 4-14-47;----; Pa.	7 dams--------	32	11,212	3.9	437
Sire, 775260; dam, 2136829.	Difference----	(7-1-7)	+3,619	-.4	+81
Herd Owner, J. Fred Davison, Chambersburg.					
ARLINGTON FARMS KING BESSIE 754958----------	8 daughters---	9	10,798	3.7	403
Born, 1-24-38; proved, 4-11-47;----; Ill.	7 daughters---	8	10,783	3.7	403
Sire, 669566; dam, 1123154.	7 dams--------	22	11,999	3.5	422
Herd Owner, Curtis Candy Co., Arlington Heights.	Difference----	(2-6-3)	-1,216	+.2	-19

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BAKER FARM HECTOR 747695----------	7 daughters---	10	9,072	3.4	313
Born, 11-1-37; proved, 4-29-47;----; N. H.	6 daughters---	9	9,434	3.4	325
Sire, 707662; dam, 1791236.	6 dams--------	15	8,478	3.4	286
Herd Owner, George A. Bassett, Fremont.	Difference----	(5-3-5)	+956	.0	+39
BAKER FARM IMP 755101----------	24 daughters--	39	14,552	3.6	526
Born, 4-10-38; proved, 4-28-47; alive; N. Y.	23 daughters--	36	14,699	3.6	530
Sire, 553013; dam, 1638305.	23 dams-------	117	13,463	3.5	465
Owner, New York A. B. A.	Difference----	(17-20-19)	+1,236	+.1	+65
BAKER FARM WALKER JENS 787735----------	11 daughters--	15	9,160	3.7	339
Born, 12-3-39; proved, 4-17-47; alive; Conn.	10 daughters--	14	9,200	3.7	341
Sire, 608348; dam, 1832678.	10 dams-------	30	10,896	3.4	371
Herd Owner, Avery Farms, Franklin.	Difference----	(1-10-3)	-1,696	+.3	-30
B & L COLANTHA POSCH TERZOOL 776529----------	6 daughters---	11	12,781	3.4	432
Born, 9-9-38; proved, 4-28-47;----; N. Y.	5 daughters---	10	12,513	3.4	423
Sire, 711805; dam, 1793034.	5 dams--------	16	12,290	3.5	428
Herd Owner, George Hunt & Son, Interlaken.	Difference----	(2-1-2)	+223	-.1	- 5
BEEBE DE KOL 817372----------	5 daughters---	5	8,017	3.5	280
Born, 4-5-40; proved, 4-9-47; dead; Mich.	5 dams--------	13	9,011	3.6	323
Sire, 773034; dam, 2066352.	Difference----	(2-3-2)	-994	-.1	-43
Herd Owner, Elvin Beebe, Holly.					
BEECHWOOD ORMSBY FOBES KING 783032----------	11 daughters--	18	11,451	3.5	402
Born, 10-25-38; proved, 4-25-47;----; Wis.	11 dams-------	44	11,230	3.7	410
Sire, 715944; dam, 1185911.	Difference----	(7-3-5)	+221	-.2	- 8
Herd Owner, Louis H. Hammen, Ripon.					
BEETS ORMSBY POSCH LAD 761924----------	9 daughters---	13	9,055	3.6	322
Born, 3-10-38; proved, 4-16-47;----; Iowa.	9 dams--------	45	10,775	3.7	395
Sire, 706091; dam, 1449836.	Difference----	(3-4-1)	-1,720	-.1	-73
Herd Owner, Martin C. Bergan, Decorah.					
BESSLYN JASPER ORMSBY FOBES 790365----------	5 daughters---	5	13,815	3.7	507
Born, 12-1-39; proved, 4-25-47;----; Wis.	5 dams--------	30	11,615	3.5	404
Sire, 711381; dam, 1874440.	Difference----	(5-4-5)	+2,200	+.2	+103
Owner, East Central A. B. A.					
BORDER BIG BOY HAZELWOOD 779844----------	5 daughters---	9	11,767	3.7	440
Born, 9-22-38; proved, 4-21-47; dead; Ariz.	5 dams--------	20	10,457	3.4	358
Sire, 739963; dam, 1631173.	Difference----	(4-4-5)	+1,310	+.3	+82
Herd Owner, James M. Painter, Tempe.					
CADET CASCADE MERCEDES 775589----------	6 daughters---	8	10,646	3.4	365
Born, 11-17-38; proved, 4-25-47;----; Ind.	6 dams--------	18	12,449	3.5	434
Sire, 707234; dam, 1541685.	Difference----	(1-4-0)	-1,803	-.1	-69
Herd Owner, Indiana Soldiers' & Sailors' Children's Home, Knightstown.					
CALLAWAY MATADOR SEGIS GALAHAD 761520 *9----------	11 daughters--	19	11,033	3.7	411
Born, 4-18-38; proved, 4-15-47; dead; Mo.	11 dams-------	64	11,671	3.6	423
Sire, 530334; dam, 1496345.	Difference----	(4-8-5)	-638	+.1	-12
Herd Owner, Missouri School for Deaf, Fulton.					
CARNATION ADMINISTRATOR 743686 *8----------	23 daughters--	49	9,587	3.8	363
Born, 12-11-36; proved, 4-10-47; dead; Minn.	23 dams-------	100	11,849	3.5	414
Sire, 629472; dam, 1421703.	Difference----	(2-20-4)	-2,262	+.3	-51
Herd Owner, Highpath Farms, Excelsior.					
CARNATION CREAMELLE SUPERB 313160----------	7 daughters---	8	13,623	3.7	501
Born, 10-5-40; proved, 4-14-47; alive; Tex.	7 dams--------	15	9,423	3.4	320
Sire, 678142; dam, 1909673.	Difference----	(7-6-7)	+4,200	+.3	+181
Herd Owner, Neale Farms, Waco.					
CARNATION DIRECTOR INKA WALKER (TWIN) 799098------	5 daughters---	9	12,310	3.5	433
Born, 6-20-40; proved, 4-14-47; dead; Iowa.	5 dams--------	23	11,282	3.4	388
Sire, 748645; dam, 1664439.	Difference----	(4-4-4)	+1,028	+.1	+45
Herd Owner, Dreier & Henning, Hubbard.					
CARNATION PERFECTION TRIUMPH 771583 *10----------	21 daughters--	43	12,408	3.7	460
Born, 1-11-39; proved, 4-22-47;----; Minn.	21 dams-------	125	11,984	3.3	401
Sire, 671573; dam, 1820797.	Difference----	(12-19-18)	+424	+.4	+59
Herd Owner, Ernest F. Sloan, Ellendale.					
CHALKER FARM PEANUT JEMIMA 750253----------	5 daughters---	8	9,489	3.6	337
Born, 9-11-36; proved, 4-28-47;----; Vt.	5 dams--------	24	11,047	3.3	368
Sire, 579109; dam, 1796051.	Difference----	(2-5-3)	-1,558	+.3	-31
Herd Owner, Herrick Spencer, Vergennes.					
CHIEF PIEBE COUNT GERB COLAN ONA 746074 *10-------	15 daughters--	34	14,845	3.[illegible]	520
Born, 10-24-36; proved, 4-21-47;----; Pa.	13 daughters--	29	15,086	3.5	529
Sire, 444088; dam, 1573173.	13 dams-------	61	14,916	3.5	517
Owner, Western Pennsylvania Co-op. A. B. A.	Difference----	(6-9-9)	+170	.0	+12

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CHIEF PIEBE PRIDE GERB-COLAN WATSON 783018--------	22 daughters--	34	10,609	3.4	361
Born, 1-16-39; proved, 4-22-47;----; Pa.	22 dams-------	113	12,208	3.3	401
Sire, 444088; dam, 1493661.	Difference----	(3-18-5)	-1,599	+.1	-40
Herd Owner, Torrance State Hospital, Torrance.					
CHIEF PIEBE PRI-GERB COLAN J 776442----------	5 daughters---	6	7,907	3.6	284
Born, 8-9-38; proved, 4-16-47;----; Va.	5 dams--------	20	9,923	3.5	343
Sire, 444088; dam, 1459559.	Difference----	(0-5-0)	-2,016	+.1	-59
Herd Owner, D. C. Work House, Occoquan.					
CHIEFTAIN POSCH HOMESTEAD 795259----------	6 daughters---	6	10,288	3.8	393
Born, 3-22-40; proved, 4-14-47; alive; Iowa.	6 dams--------	6	10,934	4.0	442
Sire, 749574; dam, 1656980.	Difference----	(4-1-1)	-646	-.2	-49
Owner, Dairy Genetics Company A. B. A.					
CLOVER LAWN CASCADER MERCEDES LAD 789617---------	5 daughters---	10	11,966	3.6	426
Born, 3-12-39; proved, 4-29-47;----; Wis.	5 dams--------	16	11,227	3.8	430
Sire, 665172; dam, 1605190.	Difference----	(3-1-3)	+739	-.2	- 4
Herd Owner, Arthur Puls, Allentown.					
CONEWANGO SENSATION COLANTHA 766352----------	7 daughters---	7	13,808	3.5	483
Born, 5-14-38; proved, 4-16-47;----; Pa.	6 daughters---	6	13,605	3.5	480
Sire, 587799; dam, 1486729.	6 dams--------	15	13,079	3.2	420
Herd Owner, Laurelton State Village,Laurelton.	Difference----	(4-6-5)	+526	+.3	+60
CORNELL ABBEKERK PRIDE 779990----------	6 daughters---	7	9,416	3.7	347
Born, 11-25-38; proved, 4-29-47;----; N. Y.	6 dams--------	23	11,325	3.7	420
Sire, 721028; dam, 1519109.	Difference----	(1-4-1)	-1,909	.0	-73
Herd Owner,Mrs. Elizabeth P. Colegrove, Ithaca.					
CORRECTION KING BURKE 769722----------	12 daughters--	14	11,953	3.7	445
Born, 8-31-38; proved, 4-21-47;----; Wis.	12 dams-------	42	9,886	3.5	348
Sire, 745700; dam, 1133345.	Difference----	(10-10-11)	+2,067	+.2	+97
Herd Owner, Peter Juckem, Chilton.					
CREATOR INKA MAY ORMSBY 782479----------	13 daughters--	22	13,234	3.5	466
Born, 11-23-38; proved, 4-16-47;----; Wis.	11 daughters--	18	12,875	3.5	454
Sire, 654557; dam, 1656893.	11 dams-------	22	12,293	3.5	424
Herd Owner, Louis Brodhagen, Bonduel.	Difference----	(6-6-7)	+582	.0	+30
CRESTLYN HEILO ORMSBY COUNT 774617----------	6 daughters---	10	13,946	3.5	484
Born, 4-6-39; proved, 4-22-47; dead; Mich.	6 dams--------	23	14,224	3.5	501
Sire, 649401; dam, 1865232.	Difference----	(3-2-3)	-278	.0	-17
Herd Owner, Roy Graham & Son, Freeland.					
DA-CO-TON QUALITY SUPREME 754727----------	9 daughters---	11	11,233	3.6	408
Born, 4-7-37; proved, 4-10-47; alive; S. Dak.	5 daughters---	7	11,407	3.6	416
Sire, 706884; dam, 1579240.	5 dams--------	13	14,048	3.6	510
Herd Owner, Robert L. Cotton, Parker.	Difference----	(0-2-0)	-2,641	.0	-94
DE KOL LYNDON RAG APPLE BONHEUR 784542----------	7 daughters---	13	10,730	3.3	357
Born, 8-19-38; proved, 4-23-47;----; N. Y.	7 dams--------	18	9,769	3.1	304
Sire, 735114; dam, 1640411.	Difference----	(4-5-6)	+961	+.2	+53
Herd Owner, Mrs. Velma Harvey, Cincinnatus.					
DELLA PONTIAC KING (TWIN) 753172----------	11 daughters--	20	9,757	3.9	385
Born, 11-21-37; proved, 4-24-47;----; Wis.	10 daughters--	19	9,848	3.9	385
Sire, 706775; dam, 1613602.	10 dams-------	28	9,827	4.5	440
Herd Owner, George Barthels, Two Rivers.	Difference----	(6-1-3)	+ 21	-.6	-55
DELVEY OLE KING BESSIE 797015----------	6 daughters---	7	11,206	3.7	414
Born, 1-3-39; proved, 4-14-47; dead; Iowa.	5 daughters---	6	11,414	3.7	425
Sire, 669559; dam, 1961007.	5 dams--------	9	9,670	3.5	341
Herd Owner, Albert C. Timm, Muscatine.	Difference----	(5-3-4)	+1,744	+.2	+84
DICK VELMA CHIEFTAIN 769959----------	11 daughters--	20	10,521	3.6	377
Born, 2-6-38; proved, 4-28-47;----; Minn.	10 daughters--	19	10,670	3.6	383
Sire, 697637; dam, 1874640.	10 dams-------	23	10,212	3.5	355
Herd Owner, Lester H. Pierson, Lewisville.	Difference----	(7-7-7)	+458	+.1	+28
DUKE HISKE INKA BELLE 783499----------	6 daughters---	8	14,654	3.6	527
Born, 7-10-39; proved, 4-17-47;----; Calif.	6 dams--------	34	12,433	3.5	434
Sire, 648038; dam, 1956835.	Difference----	(5-5-5)	+2,221	+.1	+93
Herd Owner, Kidd Brothers, Modesto.					
DUKE OLLIE SEGIS WALKER 811766----------	5 daughters---	5	11,399	3.2	370
Born, 11-17-39; proved, 4-14-47;----; Kans.	5 dams--------	16	12,048	3.3	392
Sire, 775565; dam, 2124656.	Difference----	(3-2-3)	-649	-.1	-22
Herd Owner, John Schuler, Nortonville.					
DUNLOGGIN ADMIRAL COLANTHA 707413----------	9 daughters---	41	9,786	3.5	342
Born, 12-15-34; proved, 4-10-47;----; Md.	7 daughters---	32	10,303	3.6	366
Sire, 640078; dam, 1521713.	7 dams--------	30	11,323	3.4	383
Herd Owner, Walter B. Coblentz, Frederick.	Difference----	(1-7-2)	-1,020	+.2	-17

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DUNLOGGIN MASTER ADANTHA 784131----------	10 daughters--	16	13,500	3.5	469
Born, 10-27-39; proved, 4-23-47; alive; N. Y.	9 daughters---	14	13,851	3.5	480
Sire, 667915; dam, 1661823.	9 dams--------	27	12,762	3.5	447
Herd Owner, H. E. Machold, Ellisburg.	Difference----	(4-5-6)	+1,089	.0	+33
DUNN COUNTY NIG MERCEDES 784525----------	5 daughters---	5	10,084	3.6	358
Born, 5-4-39; proved, 4-30-47;----; Wis.	5 dams--------	22	8,628	3.4	291
Sire, 695646; dam, 1634478.	Difference----	(4-4-4)	+1,456	+.2	+67
Herd Owner, Dunn County Asylum, Menomonie.					
FEMCO ALMOS ONLY SON (TWIN) 790424----------	12 daughters--	15	10,673	3.7	394
Born, 10-12-39; proved, 4-25-47; alive; Minn.	5 daughters---	8	11,235	3.5	388
Sire, 629473; dam, 1736539.	5 dams--------	21	10,598	3.6	383
Herd Owner, Marlow & Rahbek, Mapleton.	Difference----	(2-1-3)	+637	-.1	+ 5
FEMCO SIR ARLENE FOBES 796015----------	9 daughters---	11	12,958	3.5	450
Born, 12-5-39; proved, 4-23-47;----; Iowa.	7 daughters---	9	12,902	3.5	447
Sire, 746410; dam, 1442947.	7 dams--------	26	11,082	3.6	394
Herd Owner, Dr. C. A. Manahan, Vinton.	Difference----	(5-4-5)	+1,820	-.1	+53
FERDINAND ADMIRAL ORMSBY FOBES 780292----------	9 daughters---	12	8,387	3.6	299
Born, 12-7-38; proved, 4-18-47;----; Iowa.	9 dams--------	48	11,386	3.3	380
Sire, 731747; dam, 1508944.	Difference----	(0-8-1)	-2,999	+.3	-81
Herd Owner, Clarence L. Vaske, Dyersville.					
FOBES DE KOL KING SEGIS 710262----------	5 daughters---	9	9,970	3.6	364
Born, 8-24-34; proved, 4-18-47;----; Mich.	5 dams--------	20	13,804	3.3	453
Sire, 674512; dam, 1587483.	Difference----	(0-5-0)	-3,834	+.3	-89
Herd Owner, R. W. Sleight, Laingsburg.					
FRIESLAND ORMSBY DAVID 754974----------	9 daughters---	13	8,779	3.5	306
Born, 4-18-37; proved, 4-28-47;----; Pa.	7 daughters---	9	8,672	3.5	304
Sire, 664620; dam, 1560728.	7 dams--------	15	9,924	3.5	351
Herd Owner, Marcus E. Seanor, New Alexandria.	Difference----	(2-4-1)	-1,252	.0	-47
GERBEN KING ORMSBY 708204----------	16 daughters--	25	11,186	3.4	375
Born, 1-22-35; proved, 4-22-47;----; Ohio.	6 daughters---	9	10,690	3.3	355
Sire, 562053; dam, 1449142.	6 dams--------	8	11,113	3.4	375
Herd Owner, Cooley Farm, Warrensville.	Difference----	(3-3-3)	-423	-.1	-20
GLENLANE SIR ORMSBY DEAN 795355----------	10 daughters--	17	14,434	3.5	499
Born, 11-12-39; proved, 4-25-47;----; Kans.	10 dams-------	48	11,754	3.5	412
Sire, 678503; dam, 1857063.	Difference----	(8-4-7)	+2,680	.0	+87
Herd Owner, Albert Ackerman, Sabetha.					
GLENWOOD DICTATOR CAVALIER 781328----------	6 daughters---	6	11,126	3.2	361
Born, 4-23-39; proved, 4-16-47;----; Iowa.	6 dams--------	28	11,702	3.3	389
Sire, 662443; dam, 1782225.	Difference----	(2-3-2)	-576	-.1	-28
Herd Owner, Glenwood State School, Glenwood.					
GRANVILLE LA POLKA INKA 796976----------	6 daughters---	8	10,993	3.5	387
Born, 10-17-39; proved, 4-14-47; dead; N. Y.	6 dams--------	14	10,832	3.4	372
Sire, 580271; dam, 1584908.	Difference----	(2-5-2)	+161	+.1	+15
Herd Owner, Lynn A. Head & Sons, Waterville.					
HARTJE COLANTHUS ASTER 763967----------	8 daughters---	15	10,133	3.6	368
Born, 2-17-38; proved, 4-11-47; dead; N. Y.	8 dams--------	45	11,090	3.8	419
Sire, 654049; dam, 1615588.	Difference----	(3-4-3)	-957	-.2	-51
Herd Owner, Murray D. Safanie, Ancram.					
HELFTON KORNDYKE COLANTHA DE KOL 783178----------	18 daughters--	40	10,369	3.6	369
Born, 1-9-37; proved, 4-16-47; dead; N. Y.	11 daughters--	21	10,406	3.6	370
Sire, 683369; dam, 1164841.	11 dams-------	26	12,865	3.5	454
Herd Owner, Floyd E. Dorn, Brooktondale.	Difference----	(0-8-1)	-2,459	+.1	-84
HENGERVELD ORMSBY CANARY LAD 776906----------	22 daughters--	30	12,537	3.3	416
Born, 11-16-38; proved, 4-16-47;----; Mich.	21 daughters--	28	12,605	3.3	417
Sire, 738016; dam, 1844979.	21 dams-------	89	12,003	3.3	402
Herd Owner, Ralph Darling, Rives Junction.	Difference----	(15-12-14)	+602	.0	+15
HOESLY WINDSOR JOE 749872----------	32 daughters--	43	11,878	3.6	433
Born, 1-10-37; proved, 4-28-47;----; Wis.	26 daughters--	36	12,029	3.7	444
Sire, 651568; dam, 1487998.	26 dams-------	94	11,276	3.7	421
Owner, East Central A. B. A.	Difference----	(16-14-17)	+753	.0	+23
HOMESTEAD LUCKY DAY SEGIS 783822----------	9 daughters---	14	9,651	3.6	348
Born, 10-14-39; proved, 4-17-47;----; Wis.	8 daughters---	12	9,629	3.6	346
Sire, 725637; dam, 1968179.	8 dams--------	14	10,211	3.5	353
Herd Owner, Roland Ritter, Lebanon.	Difference----	(3-5-3)	-582	+.1	- 7
HOMESTEAD REAR ADMIRAL POSCH 777495----------	13 daughters--	18	11,850	3.6	424
Born, 2-28-39; proved, 4-14-47; dead; Conn.	8 daughters---	13	11,644	3.7	435
Sire, 522060; dam, 1683720.	8 dams--------	26	10,137	3.7	371
Owner, Connecticut A. B. A.	Difference----	(4-6-4)	+1,507	.0	+64

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
HOPE VIEW ROYAL FOBES 771301----------	12 daughters--	22	12,402	3.5	430
Born, 10-16-38; proved, 4-21-47;----; Iowa.	12 dams-------	44	11,903	3.4	404
Sire, 701072; dam, 1837926.	Difference----	(7-9-8)	+499	+.1	+26
Herd Owner, Meints & Freese, Steamboat Rock.					
HOSPITAL MARION PRILLY 800714----------	11 daughters--	11	9,520	3.5	337
Born, 10-10-39; proved, 4-21-47;----; Va.	7 daughters---	7	9,324	3.6	339
Sire, 756056; dam, 1971587.	7 dams--------	19	10,017	3.8	377
Herd Owner, Shanklin Dairies, Marion.	Difference----	(3-2-2)	-693	-.2	-38
IA-TR-SCHOOL MAN-O-WAR KOROBA 757769----------	7 daughters---	13	11,495	3.4	388
Born, 10-8-37; proved, 4-21-47;----; Iowa.	7 dams--------	30	13,338	3.2	431
Sire, 692509; dam, 1416468.	Difference----	(2-7-2)	-1,843	+.2	-43
Herd Owner, J. Terrel Kessler, Oskaloosa.					
ILKHAMWOOD CASCADE JOE 795921----------	5 daughters---	9	10,864	3.6	392
Born, 6-14-39; proved, 4-11-47; dead; Ill.	5 dams--------	18	12,266	3.4	416
Sire, 704745; dam, 1805810.	Difference----	(1-4-2)	-1,402	+.2	-24
Herd Owner, August F. Dieckmann, Lebanon.					
INDIANA HOMESTEAD PERFECTION INKA 796505----------	6 daughters---	7	11,594	3.2	372
Born, 10-6-38; proved, 4-14-47;----; Ind.	6 dams--------	15	11,617	3.3	387
Sire, 629493; dam, 1889939.	Difference----	(4-2-2)	- 23	-.1	-15
Herd Owner, Indiana State Farm, Greencastle.					
INDIANA PIETERTJE INKA 796507----------	6 daughters---	8	14,641	3.2	472
Born, 3-18-39; proved, 4-11-47;----; Ind.	6 dams--------	23	14,035	3.4	477
Sire, 647914; dam, 1813535.	Difference----	(3-2-2)	+606	-.2	- 5
Herd Owner, Indiana State Prison Farm, La Porte.					
INKA DE KOL JOHANNA MAY 782892----------	13 daughters--	22	9,837	3.7	359
Born, 10-20-38; proved, 4-16-47;----; Wis.	13 dams-------	51	10,029	3.7	369
Sire, 741513; dam, 1616685.	Difference----	(7-7-5)	-192	.0	-10
Herd Owner, Alvin Jindra, Mishicot.					
IOGOLD MAN-O-WAR RUBY 740316----------	8 daughters---	18	10,838	2.9	319
Born, 12-3-36; proved, 4-10-47;----; Minn.	5 daughters---	11	10,378	3.0	310
Sire, 700610; dam, 1797258.	5 dams--------	9	9,384	3.2	297
Herd Owner, Cairnbrae Farm, Rochester.	Difference----	(4-1-3)	+994	-.2	+13
JOHANNA RAG APPLE SEPTIMUS 778996----------	7 daughters---	12	15,523	3.8	586
Born, 6-2-38; proved, 4-28-47;----; Ill.	7 dams--------	17	15,848	3.7	590
Sire, 756713; dam, 1689982.	Difference----	(5-5-4)	-325	+.1	- 4
Herd Owner, Campton Hills Farm, Wasco.					
KELLEYNA ORMSBY SEGIS 753188----------	6 daughters---	8	12,002	3.4	410
Born, 10-1-37; proved, 4-24-47;----; Iowa.	5 daughters---	7	10,982	3.6	391
Sire, 715887; dam, 1747649.	5 dams--------	8	10,915	3.2	349
Herd Owner, Joynt & Nielsen, Waterloo.	Difference----	(3-5-4)	+ 67	+.4	+42
KENBOIS ILLEHEE ABREKERK MERCENA 825127----------	9 daughters---	10	10,786	3.3	358
Born, 4-1-40; proved, 4-9-47; dead; Mich.	8 daughters---	9	10,729	3.3	358
Sire, 120068 CHB.; dam, 289084 CHB.	8 dams--------	20	11,527	3.6	416
Herd Owner, E. J. Pierson & Son, Goodrich.	Difference----	(3-4-0)	-798	-.3	-58
KINDLEUP BEN WINDSOR 776689----------	7 daughters---	11	10,627	3.4	359
Born, 9-10-38; proved, 4-18-47;----; Wis.	7 dams--------	24	9,220	3.7	344
Sire, 725853; dam, 1278919.	Difference----	(7-0-5)	+1,407	-.3	+15
Herd Owner, Emil A. Legler, Basco.					
KING ARROW CORNUCOPIA LASS 754401----------	10 daughters--	18	9,654	3.4	331
Born, 10-3-37; proved, 4-10-47;----; Pa.	6 daughters---	11	9,624	3.5	333
Sire, 665641; dam, 1656855.	6 dams--------	14	9,479	3.3	313
Herd Owner, Markey Sands, Tunkhannock.	Difference----	(4-6-5)	+145	+.2	+20
KING BESSIE CARNATION PLUS 744605----------	13 daughters--	16	10,944	3.1	343
Born, 11-16-36; proved, 4-29-47;----; Minn.	7 daughters---	9	10,811	3.1	334
Sire, 705003; dam, 1736417.	7 dams--------	19	9,869	3.3	327
Herd Owner , S. O. Frost, Pine Island.	Difference----	(6-1-4)	+942	-.2	+ 7
KING BESSIE ORMSBY PRINCE 741516----------	6 daughters---	6	10,255	3.6	371
Born, 1-20-37; proved, 4-22-47;----; Ill.	6 dams--------	8	12,797	3.5	450
Sire, 520107; dam, 1304857.	Difference----	(1-4-1)	-2,542	+.1	-79
Herd Owner, George A. Rapp, Plainfield.					
KING BESS PIEBE FAYNE 710868----------	8 daughters---	12	9,778	3.4	328
Born, 9-12-34; proved, 4-10-47; dead; Wis.	6 daughters---	9	10,222	3.4	347
Sire, 595292; dam, 1362806.	6 dams--------	17	9,345	3.7	348
Herd Owner, Emil Wesenberg, Chippewa Falls.	Difference----	(4-2-4)	+877	-.3	- 1
KING BURKE ORMSBY GERB-COLAN OLLIE 772027----------	5 daughters---	7	11,121	3.5	391
Born, 3-9-38; proved, 4-16-47;----; Iowa.	5 dams--------	14	12,216	3.6	438
Sire, 576357; dam, 1812752.	Difference----	(1-3-0)	-1,095	-.1	-47
Herd Owner, T. J. Cullen, Emmetsburg.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KING CREATOR CHAMPION SEGIS 772013----------	9 daughters---	12	12,321	3.4	414
Born, 9-29-38; proved, 4-18-47;----; Kans.	7 daughters---	8	12,273	3.3	406
Sire, 702050; dam, 1700947.	7 dams--------	19	9,782	3.5	345
Herd Owner, Riverview Farm, Pretty Prairie.	Difference----	(5-4-5)	+2,491	-.2	+61
KING INKA SPOFFORD OLLIE 701687----------	15 daughters--	40	11,640	3.3	386
Born, 8-2-34; proved, 4-22-47;----; Pa.	8 daughters---	16	11,472	3.3	375
Sire, 671582; dam, 1440144.	8 dams--------	56	11,863	3.3	395
Herd Owner, John L. Wise, Harmony.	Difference----	(3-5-3)	-391	.0	-20
KING PONTIAC HARTOG INKA ORMSBY (TWIN) 809898-----	12 daughters--	14	11,085	3.7	410
Born, 2-14-40; proved, 4-17-47;----; Pa.	11 daughters--	13	10,923	3.7	401
Sire, 754245; dam, 2000947.	11 dams-------	26	10,735	3.6	383
Herd Owner, Frank Reese, Shippensburg.	Difference----	(6-8-7)	+188	+.1	+18
KING ZERONE KORNDYKE 801086----------	7 daughters---	9	8,980	3.6	323
Born, 1-27-38; proved, 4-14-47;----; Pa.	7 dams--------	31	9,256	3.7	343
Sire, 717276; dam, 1735644.	Difference----	(3-4-1)	-276	-.1	-20
Herd Owner,L. M. & V. B. Waddle, Saltsburg.					
K S S C KONIGAN LAD 810029----------	6 daughters---	9	11,832	3.3	394
Born, 2-26-39; proved, 4-17-47;----; Pa.	6 dams--------	22	9,979	3.3	334
Sire, 638713; dam, 1680761.	Difference----	(3-3-4)	+1,853	.0	+60
Herd Owner, Carl W. Entz, Montoursville.					
LAKEFIELD DAIRYMAID JEWEL K B 781719----------	8 daughters---	12	10,867	3.7	398
Born, 4-9-39; proved, 4-21-47;----; Mich.	8 dams--------	36	12,143	3.5	424
Sire, 711324; dam, 1852758.	Difference----	(2-7-3)	-1,276	+.2	-26
Herd Owner, Albert Wardin, Hemlock.					
MAJOR ORMSBY DIRECT 735857----------	28 daughters--	46	10,231	3.7	381
Born, 11-8-36; proved, 4-10-47;----; N. Y.	19 daughters--	32	10,113	3.7	378
Sire, 553013; dam, 1633398.	19 dams-------	23	11,885	3.5	416
Herd Owner, E. P. Smith, Sherburne.	Difference----	(5-17-7)	-1,772	+.2	-38
MARATHON SENSATION ELMWOOD 748616----------	12 daughters--	22	9,398	3.7	345
Born, 1-7-37; proved, 4-29-47;----; Vt.	7 daughters---	12	8,950	3.7	329
Sire, 658975; dam, 1618551.	7 dams--------	19	11,084	3.4	372
Herd Owner, Herrick Spencer, Vergennes.	Difference----	(1-6-2)	-2,134	+.3	-43
MARIPOSA SIR PIETERTJE 783766----------	9 daughters---	12	13,369	3.5	472
Born, 11-5-38; proved, 4-22-47; dead; Ariz.	8 daughters---	11	13,303	3.5	472
Sire, 733527; dam, 1594859.	8 dams--------	25	12,265	3.5	429
Herd Owner, Jess S. Elliott, Tolleson.	Difference----	(5-5-6)	+1,038	.0	+43
MATADOR SEGIS ORMSBY 12TH 705140 *5----------	32 daughters--	75	11,972	3.6	433
Born, 11-27-34; proved, 4-10-47;----; Minn.	27 daughters--	62	12,055	3.6	433
Sire, 396511; dam, 1331666.	27 dams-------	79	11,450	3.5	403
Herd Owner, Highpath Farms, Excelsior.	Difference----	(15-15-15)	+605	+.1	+30
MEADOWCREEK CAPTIVATOR ORMSBY LAD 822403----------	7 daughters---	10	11,341	3.6	408
Born, 12-8-40; proved, 4-16-47; alive; Iowa.	5 daughters---	7	11,291	3.6	411
Sire, 784873; dam, 1993355.	5 dams--------	13	11,320	3.6	402
Herd Owner, Paul Rinderknecht, Cedar Rapids.	Difference----	(2-1-3)	- 29	.0	+ 9
MEADOW FARM ORMSBY CHIEF 701489----------	11 daughters--	17	11,695	3.5	408
Born, 9-27-34; proved, 4-18-47;----; Va.	5 daughters---	6	12,014	3.4	412
Sire, 538638; dam, 1003979.	5 dams--------	21	11,725	3.5	409
Herd Owner, D. French Slaughter, Mitchell.	Difference----	(2-3-2)	+289	-.1	+ 3
MEADOW FOBES PETE 775834----------	9 daughters---	10	11,190	3.4	379
Born, 1-12-39; proved, 4-21-47;----; Wis.	7 daughters---	7	11,086	3.4	378
Sire, 659193; dam, 1607478.	7 dams--------	26	11,657	3.5	408
Herd Owner, Oscar G. Moehrke, Chilton.	Difference----	(2-2-2)	-571	-.1	-30
MERCEDES FAYNE ORMSBY SEGIS 775490----------	7 daughters---	12	9,563	3.6	341
Born, 12-10-38; proved, 4-16-47;----; Iowa.	5 daughters---	10	9,933	3.6	354
Sire, 630461; dam, 1904573.	5 dams--------	14	9,356	3.1	294
Herd Owner, A. L. Newhouse, Decorah.	Difference----	(3-5-4)	+577	+.5	+60
M M PANSY KING LUDWIG 769814----------	14 daughters--	20	10,771	3.6	392
Born, 7-20-38; proved, 4-18-47;----; Wis.	14 dams-------	53	11,343	3.4	390
Sire, 516202; dam, 1363091.	Difference----	(6-12-8)	-572	+.2	+ 2
Herd Owner, Sparta State Public School, Sparta.					
MODEAF OTSEGO HOMESTEAD 720920 *8----------	15 daughters--	45	11,185	3.6	403
Born, 3-13-36; proved, 4-15-47; dead; Mo.	15 dams-------	78	11,621	3.6	414
Sire, 642623; dam, 1489384.	Difference----	(8-10-8)	-436	.0	-11
Herd Owner, Missouri School for Deaf, Fulton.					
MOKWA SIR FOBES ALEXINA 768546----------	15 daughters--	22	9,462	3.3	314
Born, 11-17-37; proved, 4-16-47; dead; Minn.	14 daughters--	20	9,486	3.3	314
Sire, 742161; dam, 1744235.	14 dams-------	62	11,491	3.6	408
Herd Owner, Mrs. Mabel O. Jones, Owatonna.	Difference----	(3-5-3)	-2,005	-.3	-94

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MOUNT RIGA PIEBE INKA DE KOL 701248----------	14 daughters--	25	10,696	3.5	371
Born, 9-28-34; proved, 4-18-47;----; Kans.	11 daughters--	19	10,397	3.4	357
Sire, 547422; dam, 1545130.	11 dams-------	38	10,861	3.3	363
Herd Owner, State Hospital for Epileptics, Parsons.	Difference----	(3-9-5)	-464	+.1	- 6
NEVADA ORMSBY HEILO 787022----------	8 daughters---	9	15,750	3.8	603
Born, 7-10-39; proved, 4-25-47; dead; Nev.	8 dams--------	33	14,257	3.7	526
Sire, 701441; dam, 1841499.	Difference----	(6-5-7)	+1,493	+.1	+77
Herd Owner, Oats Brothers, Fallon.					
NORTH STAR CONNIE LEO 746962 *10----------	15 daughters--	35	10,024	3.4	337
Born, 4-6-37; proved, 4-29-47; alive; Minn.	14 daughters--	31	10,060	3.4	337
Sire, 703318; dam, 1613429.	14 dams-------	43	9,851	3.3	321
Herd Owner, State Public School, Owatonna.	Difference----	(9-11-7)	+209	+.1	+16
NORTH STAR SHEILA PRIDE 812939----------	8 daughters---	8	12,131	3.6	441
Born, 11-9-40; proved, 4-14-47; dead; Minn.	7 daughters---	7	12,125	3.6	439
Sire, 742938; dam, 1726809.	7 dams--------	22	11,191	3.4	385
Herd Owner, Christian A. Olsen, Nicollet.	Difference----	(5-6-6)	+934	+.2	+54
OLCOTT FARMS SIR CARROLL 813719----------	7 daughters---	7	12,275	3.3	407
Born, 9-25-40; proved, 4-14-47; dead; N. Y.	7 dams--------	29	10,777	3.4	370
Sire, 739011; dam, 1933390.	Difference----	(7-1-4)	+1,498	-.1	+37
Herd Owner, J. Anson Saunders & Sons, Horseheads.					
OLINDER ORMSBY TRIUNE 810108----------	12 daughters--	24	9,735	3.5	344
Born, 12-20-39; proved, 4-14-47;----; Minn.	12 dams-------	47	9,941	3.6	356
Sire, 753126; dam, 2004601.	Difference----	(7-5-6)	-206	-.1	-12
Herd Owner, Max Maas, Pine Island.					
ONGLEY CONCORDIA ORMSBY PIETER 808474----------	8 daughters---	8	11,611	3.3	387
Born, 1-11-40; proved, 4-17-47;----; Pa.	8 dams--------	16	10,852	3.3	360
Sire, 775809; dam, 2014178.	Difference----	(5-5-4)	+759	.0	+27
Herd Owner, Ronald W. Messenger, Spartansburg.					
ONGLEY MARATHON GEORGE 727406----------	5 daughters---	11	9,618	3.7	358
Born, 10-23-35; proved, 4-24-47;----; Pa.	5 dams--------	19	9,791	3.5	345
Sire, 602490; dam, 1672464.	Difference----	(1-3-2)	-173	+.2	+13
Herd Owner, H. C. Hummer, Titusville.					
OOSTIE PREMIER INKARNATION PIEBE 783831----------	7 daughters---	12	9,858	3.4	336
Born, 4-29-39; proved, 4-17-47;----; Wis.	7 dams--------	32	12,114	3.3	405
Sire, 725856; dam, 1728833.	Difference----	(1-5-1)	-2,256	+.1	-69
Herd Owner, Alfred Werndli & Son, Belleville.					
ORMSBY FAYNE CANARY DE KOL 816709----------	8 daughters---	10	13,246	3.2	418
Born, 4-5-40; proved, 4-15-47;----; Wis.	7 daughters---	8	12,619	3.1	396
Sire, 642056; dam, 1152324.	7 dams--------	18	13,407	3.3	436
Herd Owner, Herbert Schroeder, Menomonie.	Difference----	(3-2-3)	-788	-.2	-40
ORMSBY FAYNE ONA 754118----------	5 daughters---	5	14,317	3.5	505
Born, 9-20-37; proved, 4-15-47; alive; Iowa.	5 dams--------	15	13,449	3.4	457
Sire, 670092; dam, 1824363.	Difference----	(4-4-4)	+868	+.1	+48
Herd Owner, Witwer Wayside Farm Dairy, Marion.					
ORMSBY PIETERTJE BONHEUR PIEBE 792732----------	7 daughters---	11	8,042	3.6	291
Born, 7-15-39; proved, 4-23-47;----; Pa.	7 dams--------	33	11,114	3.3	365
Sire, 720866; dam, 1968317.	Difference----	(0-6-1)	-3,072	+.3	-74
Herd Owner, John S. Asper, Mechanicsburg.					
ORMSBY SENSATION RAG APPLE 736815----------	7 daughters---	8	11,364	3.3	376
Born, 3-27-34; proved, 4-24-47; dead; Vt.	5 daughters---	6	11,891	3.3	394
Sire, 519668; dam, 1888972.	5 dams--------	7	10,638	3.4	364
Herd Owner, Alton W. Miller, Putney.	Difference----	(3-2-2)	+1,253	-.1	+30
OSBORNDALE SIR BURKE ORMSBY 762945 *10----------	15 daughters--	20	11,971	3.6	427
Born, 1-15-38; proved, 4-11-47; dead; Conn.	15 dams-------	68	10,091	3.5	351
Sire, 726333; dam, 1634672.	Difference----	(11-12-10)	+1,880	+.1	+76
Owner, Connecticut A. B. A.					
PABST RANGER 813659----------	12 daughters--	12	12,037	3.1	377
Born, 1-11-41; proved, 4-14-47;----; Wis.	12 dams-------	47	11,269	3.2	357
Sire, 761980; dam, 1800863.	Difference----	(8-8-8)	+768	-.1	+20
Herd Owner, George Tulachka, Two Rivers.					
PEERLESS CANARY PEARL 817505----------	6 daughters---	8	9,455	3.7	353
Born, 1-31-40; proved, 4-9-47;----; Ohio.	5 daughters---	7	9,640	3.7	356
Sire, 698479; dam, 1928157.	5 dams--------	13	10,440	3.4	354
Herd Owner, Arthur R. Wadsworth, Malvern.	Difference----	(3-4-2)	-800	+.3	+ 2
PEERLESS ORMSBY CLIPPER 764393----------	6 daughters---	6	11,881	3.4	404
Born, 10-12-38; proved, 4-14-47; alive; Minn.	6 dams--------	10	13,218	3.5	459
Sire, 705151; dam, 1518410.	Difference----	(2-3-1)	-1,337	-.1	-55
Owner, Milaca A. B. A.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PIETERTJE HARTOG OLLIE 817854 (ADC-879)----------	10 daughters--	16	10,721	3.7	401
Born, 2-6-41; proved, 4-15-47; alive; N. Y.	10 dams-------	50	9,964	3.5	346
Sire, 694019; dam, 1906444.	Difference----	(5-6-7)	+757	+.2	+55
Herd Owner, John Bollenbach, Florida.					
PIKES PEAK SIR ORMSBY BESS PIEBE 789931 *(Aug.1945)	16 daughters--	31	12,458	3.7	464
Born, 6-22-39; proved, 4-15-47;----; Colo.	16 dams-------	68	12,225	3.6	438
Sire, 739441; dam, 1764790.	Difference----	(10-12-10)	+233	+.1	+26
Herd Owner, George S. Turner, Canon City.					
PINEHURST BESSIE PIETERTJE ORMSBY 813960----------	10 daughters--	10	11,722	3.4	404
Born, 4-6-40; proved, 4-14-47;----; Wis.	10 dams-------	38	11,878	3.4	400
Sire, 723901; dam, 1823099.	Difference----	(4-7-4)	-156	.0	+ 4
Herd Owner, Rueben O. Kammann, Cleveland.					
POSCH ORMSBY FOBES MODEL DEL 816450----------	15 daughters--	18	12,904	3.4	436
Born, 1-11-41; proved, 4-15-47; alive; Wis.	13 daughters--	16	13,099	3.4	447
Sire, 623972; dam, 1335255.	13 dams-------	31	12,528	3.4	429
Herd Owner, Edwin J. Beuchel, Sheboygan.	Difference----	(7-8-7)	+571	.0	+18
PRINCE ORMSBY RELIANCE 736077----------	6 daughters---	9	13,469	3.6	482
Born, 3-2-36; proved, 4-29-47;----; Pa.	5 daughters---	8	14,018	3.6	502
Sire, 641019; dam, 1120108.	5 dams--------	16	13,251	3.2	420
Herd Owner, J. H. Wilson & Sons, Wampum	Difference----	(5-4-5)	+767	+.4	+82
PRINCE SEGIS MEAD ORMSBY 2D 741983----------	6 daughters---	10	12,235	3.3	401
Born, 7-27-35; proved, 4-22-47;----; Calif.	5 daughters---	8	12,033	3.2	384
Sire, 662181; dam, 1630325.	5 dams--------	18	12,837	3.4	436
Herd Owner, B. A. McNees, Visalia.	Difference----	(2-1-2)	-804	-.2	-52
RAG APPLE HOLLYHOCK STAR 794518----------	7 daughters---	11	11,393	3.6	408
Born, 10-19-39; proved, 4-17-47;----; Wis.	7 dams--------	24	12,509	3.7	462
Sire, 707747; dam, 2028074.	Difference----	(2-3-2)	-1,116	-.1	-54
Herd Owner, John Kuenzi, Colgate.					
RARETIME KING CREAMELE 776957----------	10 daughters--	10	10,963	3.3	366
Born, 12-18-38; proved, 4-18-47; dead; Ill.	7 daughters---	7	10,976	3.4	375
Sire, 717603; dam, 1802391.	7 dams--------	8	8,412	3.4	288
Herd Owner, Jacob Berkes, Maple Park.	Difference----	(7-4-6)	+2,564	.0	+87
ROLLING KNOLL LUCIFER DUKE 775247----------	7 daughters---	10	7,936	3.5	279
Born, 12-18-38; proved, 4-24-47;----; Md.	5 daughters---	8	8,138	3.4	274
Sire, 730361; dam, 1796749.	5 dams--------	9	9,338	3.7	350
Herd Owner, E. S. Walker, Monrovia.	Difference----	(1-1-1)	-1,200	-.3	-76
ROSNI BESS BURKE HOMESTEAD VERMAN 755042 *9-------	29 daughters--	54	13,079	3.6	477
Born, 12-29-36; proved, 4-28-47; dead; Va.	22 daughters--	40	13,061	3.7	478
Sire, 654536; dam, 1585750.	22 dams-------	76	11,567	3.6	422
Herd Owner, E. T. Willis, Culpeper.	Difference----	(16-13-17)	+1,494	+.1	+56
ROSNI BURKE O DIONE HALE 782791----------	14 daughters--	20	13,136	3.8	495
Born, 10-10-39; proved, 4-21-47; alive; Va.	12 daughters--	18	13,740	3.7	514
Sire, 654536; dam; 1844098.	12 dams-------	48	13,076	3.9	508
Herd Owner, Charles Mayer, Mattoax.	Difference----	(7-5-7)	+664	-.2	+ 6
ROYAL DIRECT COLANTHA LESEYLA 751085----------	6 daughters---	9	6,125	4.0	242
Born, 12-1-37; proved, 4-21-47;----; Maine.	5 daughters---	8	6,312	3.9	243
Sire, 598396; dam, 1602511.	5 dams--------	16	7,402	3.6	263
Herd Owner, J. Carlton Waterhouse, Biddeford.	Difference----	(2-4-2)	-1,090	+.3	-20
ST CROIXCO ORMSBY SEGIS PAUL 792640----------	8 daughters---	9	10,969	3.8	413
Born, 6-21-39; proved, 4-21-47;----; Mo.	8 dams--------	22	11,498	3.4	394
Sire, 750140; dam, 1810053.	Difference----	(4-7-6)	-529	+.4	+19
Herd Owner, Schonhoff Dairy, Cape Girardeau.					
ST CROIXCO SIR ORMSBY BELMONT 793848----------	10 daughters--	17	11,138	3.9	431
Born, 10-3-39; proved, 4-29-47;----; Minn.	9 daughters---	15	11,151	3.9	434
Sire, 715862; dam, 1879950.	9 dams--------	33	13,324	3.5	468
Herd Owner, Martin Lohman, Goodhue.	Difference----	(1-8-2)	-2,173	+.4	-34
SEGIS LADY BESS BURKE FOBES 775135----------	11 daughters--	19	11,916	3.4	405
Born, 9-24-36; proved, 4-24-47;----; Pa.	11 dams-------	45	12,149	3.5	423
Sire, 603677; dam, 1825326.	Difference----	(4-5-3)	-233	-.1	-18
Herd Owner, H. A. Thoren, Port Allegany.					
SHANGHIGH PRINCESS DEAN 793935----------	7 daughters---	10	12,996	3.5	455
Born, 3-23-40; proved, 4-16-47; dead ; Ky.	7 dams--------	16	11,747	3.3	391
Sire, 743888; dam, 1975020.	Difference----	(4-6-6)	+1,249	+.2	+64
Herd Owner, Franklin Wolf, Alexandria.					
SIEBECKER SIR CANARY ECHO 705982----------	10 daughters--	10	10,400	3.3	341
Born, 2-25-35; proved, 4-10-47;----; Wis.	7 daughters---	7	9,938	3.3	326
Sire, 598146; dam, 1249723.	7 dams--------	15	11,831	3.3	386
Herd Owner, Harold Giese, Prairie du Sac.	Difference----	(2-2-2)	-1,893	.0	-60

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SILVERLEAF MYSTIC PAUL 794403----------	10 daughters--	11	10,284	3.5	364
Born, 4-1-39; proved, 4-18-47; dead; Ill.	7 daughters---	7	10,140	3.5	359
Sire, 723782; dam, 1690552.	7 dams--------	14	11,803	3.6	421
Herd Owner, H. L. Kapple, Crystal Lake.	Difference----	(0-3-0)	-1,663	- .1	-62
SIR DE KOL SPOFFORD PIETERTJE 775928----------	11 daughters--	24	9,948	3.6	360
Born, 12-18-38; proved, 4-18-47;----; Iowa.	7 daughters---	15	9,927	3.6	352
Sire, 729030; dam, 1521916.	7 dams--------	12	8,904	3.6	319
Herd Owner, William P. Senger & Son, South English.	Difference----	(7-4-5)	+1,023	.0	+33
SIR DICTATOR ORMSBY POSCH 784297----------	7 daughters---	9	13,051	3.6	472
Born, 9-4-39; proved, 4-17-47; dead; Ill.	7 dams--------	21	11,719	3.7	434
Sire, 662443; dam, 1644412.	Difference----	(4-3-4)	+1,332	-.1	+38
Herd Owner, Pondgate Farm, Dundee.					
SIR JEWEL SENSATION 792725----------	11 daughters--	13	10,906	3.6	389
Born, 4-30-39; proved, 4-25-47; dead; N. J.	10 daughters--	12	11,056	3.6	393
Sire, 760102; dam, 1945574.	10 dams-------	18	11,316	3.3	378
Herd Owner, Pillar of Fire, Zarephath.	Difference----	(2-8-5)	-260	+.3	+15
SIR LONGFIELD ELMER POSCH 783986----------	5 daughters---	7	9,957	3.7	365
Born, 7-11-39; proved, 4-24-47;----; Wis.	5 dams--------	18	10,073	3.7	368
Sire, 701722; dam, 1449518.	Difference----	(1-4-1)	-116	.0	- 3
Herd Owner, Herbert F. Schroeder & Sons, West Bend.					
SIR ORMSBY FOBES DICTATOR 32D 784295----------	9 daughters---	20	10,220	3.6	369
Born, 8-19-39; proved, 4-23-47;----; Iowa.	7 daughters---	16	10,027	3.7	367
Sire, 662443; dam, 1811005.	7 dams--------	24	9,333	3.7	343
Herd Owner, James Idso, Alden.	Difference----	(5-2-5)	+694	.0	+24
SIR PRIDE SUPERBA HENGERVELD (TWIN) 781198--------	17 daughters--	29	11,994	3.4	412
Born, 9-4-38; proved, 4-29-47;----; Iowa.	12 daughters--	20	12,182	3.4	415
Sire, 495609; dam, 1756038.	12 dams-------	32	11,346	3.5	394
Herd Owner, Meyer & Nauholz, Westgate.	Difference----	(9-5-6)	+836	-.1	+21
SIR SKYLARK TRANSMISSION 786582----------	14 daughters--	14	12,795	3.6	463
Born, 7-31-39; proved, 4-25-47;----; Minn.	13 daughters--	13	12,854	3.6	465
Sire, 754520; dam, 1804631.	13 dams-------	28	11,607	3.6	419
Herd Owner, Edward W. Heuer & Sons, Norwood.	Difference----	(12-8-11)	+1,247	.0	+46
SIR TRIUNE LYONS SENSATION 780354----------	6 daughters---	8	10,888	3.7	402
Born, 9-23-38; proved, 4-29-47;----; Ohio.	6 dams--------	19	9,663	3.8	366
Sire, 654498; dam, 1709138.	Difference----	(5-3-5)	+1,225	-.1	+36
Herd Owner, H. J. Ringler, Rochester.					
SIR VALENTINE PERFECTION 764156----------	12 daughters--	24	13,444	3.3	443
Born, 9-24-38; proved, 4-11-47; dead; Colo.	10 daughters--	21	13,745	3.3	450
Sire, 758411; dam, 1773000.	10 dams-------	14	13,042	3.2	420
Herd Owner, J. H. Holm, Rocky Ford.	Difference----	(5-7-6)	+703	+.1	+30
SKYLARK ROSE MONK 750903 *9----------	22 daughters--	44	10,138	3.6	361
Born, 7-16-36; proved, 4-28-47;----; Iowa.	18 daughters--	38	9,931	3.6	356
Sire, 675850; dam, 1804635.	18 dams-------	31	9,086	3.6	324
Owner, Linn Co. Co-op. A. B. A.	Difference----	(11-11-10)	+845	.0	+32
SLEEPY HOLLOW CONSORTE SUPERIOR 751383----------	5 daughters---	9	13,219	3.5	468
Born, 2-24-37; proved, 4-24-47;----; Calif.	5 dams--------	18	12,254	3.6	438
Sire, 607266; dam, 1621618.	Difference----	(3-3-3)	+965	-.1	+30
Herd Owner, Sleepy Hollow Certified Milk Company, Petaluma.					
SLEEPY HOLLOW ORMSBY SIR 774055----------	8 daughters---	11	11,837	3.9	460
Born, 5-30-38; proved, 4-22-47;----; Calif.	7 daughters---	10	11,889	4.0	470
Sire, 660553; dam, 1734034.	7 dams--------	22	12,027	3.8	458
Herd Owner, Sleepy Hollow Certified Milk Company, Petaluma.	Difference----	(3-5-4)	-138	+.2	+12
SMITHLAND MARATHON SEVEN-UP 813591----------	7 daughters---	7	10,529	3.5	369
Born, 7-7-40; proved, 4-14-47; dead; N. Y.	7 dams--------	39	11,567	3.7	429
Sire, 749356; dam, 1982608.	Difference----	(2-1-1)	-1,038	-.2	-60
Herd Owner, J. Howard Coon, Homer.					
SOA NEWMONT DAD BOAST 794780----------	8 daughters---	9	10,214	3.6	367
Born, 2-19-39; proved, 4-14-47;----; N. Y.	8 dams--------	30	11,651	3.5	408
Sire, 675646; dam, 1770462.	Difference----	(3-5-2)	-1,437	+.1	-41
Herd Owner, New York State Agricultural and Technical Institute, Canton.					
TOLEDO ORRICE VESTA 707870----------	12 daughters--	22	10,810	3.8	405
Born, 2-4-35; proved, 4-16-47;----; Ohio.	5 daughters---	9	10,120	3.7	374
Sire, 662357; dam, 1370480.	5 dams--------	7	11,273	3.5	399
Herd Owner, Boys Industrial School, Lancaster.	Difference----	(2-4-2)	-1,153	+.2	-25
TORRANCE PRIDE ORMSBY DE KOL 764694----------	18 daughters--	32	8,685	3.7	319
Born, 12-9-37; proved, 4-22-47;----; Pa.	17 daughters--	31	8,514	3.7	313
Sire, 669558; dam, 1602706.	17 dams-------	80	11,510	3.4	396
Herd Owner, Torrance State Hospital, Torrance.	Difference----	(0-15-0)	-2,996	+.3	-83

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
TRANQUILLITY ORMSBY PIONEER 750944----------	14 daughters--	24	11,898	3.5	411
Born, 4-6-37; proved, 4-10-47;----; N. J.	8 daughters---	15	11,905	3.3	392
Sire, 679129; dam, 1408474.	8 dams--------	11	10,007	3.3	332
Herd Owner, Danks & McCalmont, Allamuchy.	Difference----	(6-5-8)	+1,898	.0	+60
U-MO MAN-O-WAR APOSTLE 720825 *5----------	35 daughters--	75	12,187	3.5	429
Born, 2-11-35; proved, 4-15-47; dead; Mo.	35 dams-------	139	11,424	3.5	397
Sire, 639850; dam, 1489884.	Difference----	(18-25-24)	+763	.0	+32
Herd Owner, Missouri School for Deaf, Fulton.					
U NEB KARMORE GERBLOR 755355----------	11 daughters--	17	11,129	3.6	396
Born, 2-26-38; proved, 4-11-47; dead; Nebr.	8 daughters---	14	11,077	3.5	387
Sire, 705263; dam, 1559981.	8 dams--------	17	12,125	3.4	412
Herd Owner, Alfred Engel, Fremont.	Difference----	(3-3-5)	-1,048	+.1	-25
U N H EVERLASTING MODEL 832735----------	6 daughters---	6	14,808	3.4	506
Born, 9-11-41; proved, 4-24-47; alive; N. H.	6 dams--------	31	13,905	3.2	438
Sire, 691897; dam, 1554130.	Difference----	(4-6-5)	+903	+.2	+68
Herd Owner,University of New Hampshire,Durham.					
USNAD BEAUTY SENSATION 705548----------	6 daughters---	13	11,743	3.4	401
Born, 6-30-34; proved, 4-10-47;----; Pa.	5 daughters---	10	11,490	3.4	395
Sire, 671409; dam, 986494.	5 dams--------	21	12,018	3.4	404
Herd Owner, J. P. C. King, Summerville.	Difference----	(1-4-3)	-528	.0	- 9
VAN HORNE DENVER AAGGIE LAD 775028----------	12 daughters--	16	8,130	3.7	303
Born, 11-19-38; proved, 4-28-47;----; Pa.	10 daughters--	14	7,786	3.8	292
Sire, 538202; dam, 1422556.	10 dams-------	46	7,849	3.6	283
Herd Owner, William B. O'Neill, Pleasant Mount.	Difference----	(4-8-3)	- 63	+.2	+ 9
WAIT FARM POSCH PROVOST 777223----------	5 daughters---	7	13,081	3.3	432
Born, 1-4-39; proved, 4-25-47; dead; N. Y.	5 dams--------	26	12,357	3.2	392
Sire, 740581; dam, 1369356.	Difference----	(3-5-3)	+724	+.1	+40
Herd Owner, New York State Agricultural and Technical Institute, Delhi.					
WARBLETON SENSATION ORMSBY INKA 757714----------	12 daughters--	21	14,381	3.4	483
Born, 12-7-37; proved, 4-28-47;----; Iowa.	10 daughters--	17	14,776	3.3	493
Sire, 696774; dam, 1758845.	10 dams-------	30	10,148	3.3	332
Herd Owner,W. H.& Lloyd Klotz, Fredericksburg.	Difference----	(9-6-9)	+4,628	.0	+161
WAYNE CORRECTION MASTER 809668----------	6 daughters---	9	9,723	3.9	376
Born, 11-28-39; proved, 4-14-47;----; Wis.	6 dams--------	26	10,536	3.8	404
Sire, 753363; dam, 1888530.	Difference----	(2-5-2)	-813	+.1	-28
Herd Owner, Walter Heinrich, Hales Corners.					
WESTCOPA KING DARKIE 704016----------	9 daughters---	21	10,800	3.6	386
Born, 2-18-35; proved, 4-18-47;----; Pa.	9 dams--------	56	12,213	3.4	418
Sire, 689469; dam, 1668247.	Difference----	(3-9-3)	-1,413	+.2	-32
Herd Owner, R. A. Eisaman, Irwin.					
WESTEND MATADOR 809711----------	18 daughters--	23	12,930	3.4	444
Born, 3-9-40; proved, 4-14-47; dead; N. Y.	6 daughters---	10	12,125	3.5	420
Sire, 729172; dam, 1618197.	6 dams--------	6	12,391	3.6	441
Herd Owner, J. Clifford Young, Greene.	Difference----	(4-2-3)	-266	-.1	-21
WILLOLA SIR SYLVIUS RAG APPLE 836589----------	6 daughters---	8	13,608	3.3	444
Born, 3-8-37; proved, 4-9-47;----; N. Y.	6 dams--------	14	11,926	3.8	449
Sire, 92074 CHB.; dam, 148121 CHB.	Difference----	(4-0-4)	+1,682	-.5	- 5
Herd Owner, David Hopson, Dolgeville.					
WILTOR AAGGIE MERCER 738654----------	7 daughters---	15	9,389	3.6	342
Born, 11-18-36; proved, 4-22-47;----; Iowa.	6 daughters---	12	9,297	3.6	339
Sire, 667110; dam, 1453330.	6 dams--------	21	9,564	3.6	343
Herd Owner, Erlin R. Lomen, Decorah.	Difference----	(1-5-3)	-267	.0	- 4
WINTERTHUR FOBES GREAT ULTRA 789917----------	6 daughters---	6	14,146	3.6	515
Born, 12-28-39; proved, 4-25-47;----; Colo.	6 dams--------	21	11,699	3.4	399
Sire, 729449; dam, 1472895.	Difference----	(4-4-5)	+2,447	+.2	+116
Owner, Brookridge Farm Dairy A. B. A.					
WINTERTHUR FOBES POSCH USAMBO 787382----------	9 daughters---	10	14,367	3.7	531
Born, 9-28-39; proved, 4-25-47;----; Pa.	9 dams--------	38	12,331	3.4	417
Sire, 729449; dam, 1934444.	Difference----	(7-8-7)	+2,036	+.3	+114
Herd Owner, Willard W. Wright, Yardley.					
WINTERTHUR STAR KING ULTRA 785630----------	8 daughters---	9	11,529	3.6	413
Born, 6-17-39; proved, 4-21-47; alive; Va.	7 daughters---	8	11,488	3.6	415
Sire, 742081; dam, 1757804.	7 dams--------	17	11,289	3.7	418
Herd Owner, S. P. Spalding, Herndon.	Difference----	(4-3-3)	+199	-.1	- 3
W I S BURKE PRIDE 775796----------	5 daughters---	8	10,534	3.6	382
Born, 3-3-39; proved, 4-21-47;----; Wis.	5 dams--------	18	9,953	3.4	339
Sire, 673105; dam, 1782717.	Difference----	(4-4-4)	+581	+.2	+43
Herd Owner, Dane County Farm, Verona.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ORMSBY SENSATION PICKERING 769998----------	14 daughters--	23	10,867	3.6	391
Born, 10-25-38; proved, 3-18-47;----; Pa.	10 daughters--	14	11,474	3.6	413
Sire, 698848; dam, 1868461.	10 dams-------	20	12,467	3.2	400
Herd Owner, Kenneth H. Boyer, Selinsgrove.	Difference----	(3-9-7)	-993	+.4	+13
OSBORNDALE DANNY INKA MAY 764901----------	10 daughters--	11	12,749	3.3	422
Born, 6-13-37; proved, 3-18-47; dead; Mich.	7 daughters---	7	11,879	3.4	401
Sire, 521877; dam, 1376317.	7 dams--------	11	12,783	3.1	393
Herd Owner, Caro State Hospital, Caro.	Difference----	(3-7-4)	-904	+.3	+ 8
OSBORNDALE PIETRO ORMSBY INKA 786369----------	7 daughters---	9	11,685	3.6	426
Born, 9-30-39; proved, 3-31-47;----; Pa.	7 dams--------	17	10,852	3.3	363
Sire, 521877; dam, 1898094.	Difference----	(4-7-6)	+833	+.3	+63
Herd Owner, Melvin R. June, Mehoopany.					
PABST BARTA ORMSBY PRIDE 810074----------	6 daughters---	6	11,010	3.6	399
Born, 9-4-40; proved, 3-31-47;----; Wis.	6 dams--------	23	14,385	3.5	498
Sire, 761980; dam, 1174295.	Difference----	(1-4-2)	-3,375	+.1	-99
Herd Owner, John G. Konop, Manitowoc.					
PABST CASCADER PRIDE 2D (TWIN) 786028----------	14 daughters--	18	14,561	3.6	524
Born, 11-14-39; proved, 3-19-47;----; Wis.	13 daughters--	17	14,744	3.6	530
Sire, 730072; dam, 1553588.	13 dams-------	43	12,780	3.5	445
Herd Owner, Goodman Brothers, Wonewoc.	Difference----	(12-11-11)	+1,964	+.1	+85
PABST MASTERPIECE ALAN 802087----------	7 daughters---	10	8,901	3.2	288
Born, 9-17-39; proved, 3-13-47; dead; Mich.	7 dams--------	26	12,383	3.3	412
Sire, 107495 CHB.; dam, 240202 CHB.	Difference----	(1-4-1)	-3,482	-.1	-124
Herd Owner, Clyde H. Chase & Kanitz Brothers, Alma.					
PABST SIR CORNFLOWER CASCADER 696772----------	8 daughters---	21	9,911	3.6	361
Born, 12-11-33; proved, 3-27-47;----; Wis.	5 daughters---	12	9,508	3.8	361
Sire, 561783; dam, 1368808.	5 dams--------	14	9,062	3.6	326
Herd Owner, Harry Dicke, Richland Center.	Difference----	(2-4-3)	+446	+.2	+35
PENSTATE VEEMAN CREATOR 682147----------	8 daughters---	10	8,675	3.2	281
Born, 11-12-33; proved, 3-24-47;----; Pa.	6 daughters---	7	9,075	3.2	293
Sire, 441009;dam, 1448771.	6 dams--------	7	8,446	3.2	271
Herd Owner, Walter N. Seyfert, Hamburg.	Difference----	(4-4-6)	+629	.0	+22
PENSTATE VEEMAN HENGERVELD 692416----------	7 daughters---	18	10,313	3.4	355
Born, 2-3-34; proved, 3-12-47;----; Pa.	7 dams--------	43	10,507	3.3	349
Sire, 441009; dam, 700478.	Difference----	(4-6-4)	-194	+.1	+ 6
Herd Owner, R. H. Leet & Sons, Starrucca.					
PHILLSON JAFSIE DEAN 770331----------	5 daughters---	6	10,798	3.6	393
Born, 8-7-38; proved, 3-19-47; dead; N. J.	5 dams--------	32	11,633	3.6	419
Sire, 706261; dam, 1585389.	Difference----	(2-5-2)	-835	.0	-26
Herd Owner, William E.Phillips & Son, Milford.					
PIEBE HOMESTEAD OF YORK 56TH 767451----------	7 daughters---	7	10,094	3.5	350
Born, 1-20-38; proved, 3-18-47; alive; N. Y.	6 daughters---	6	10,460	3.5	364
Sire, 589959; dam, 1790476.	6 dams--------	26	11,422	3.5	398
Herd Owner, A. S. & L. W. Hill, Greene.	Difference----	(1-4-2)	-962	.0	-34
PIEBE TRITOMIA ORMSBY LAD 5TH 695146----------	8 daughters---	13	9,895	3.4	333
Born, 10-2-33; proved, 3-12-47;----; Iowa.	6 daughters---	10	9,356	3.5	323
Sire, 663172; dam, 1565243.	6 dams--------	23	9,915	3.1	311
Herd Owner, Carl E. Miehe & Son, Maynard.	Difference----	(1-5-5)	-559	+.4	+12
PIEBE WALKER PAULINE KING 810706----------	6 daughters---	6	12,714	3.6	455
Born, 6-12-40; proved, 3-25-47;----; Va.	5 daughters---	5	11,760	3.6	426
Sire, 758600; dam, 1920361.	5 dams--------	13	12,678	3.5	443
Herd Owner, J. E. Flora, Boone Mill.	Difference----	(2-3-2)	-918	+.1	-17
PIKE SPRING MONTVIC SIR BOON 773929----------	6 daughters---	6	8,959	3.7	330
Born, 7-11-38; proved, 3-24-47;----; Wis.	6 dams--------	23	10,130	4.0	405
Sire, 723329; dam, 1836524.	Difference----	(1-1-1)	-1,171	-.3	-75
Herd Owner, William Meuschke, West Bend.					
PIETERTJE DE KOL MEAD 729030 *(April 1946)--------	32 daughters--	50	12,665	3.7	474
Born, 6-9-36; proved, 3-31-47; dead; Iowa.	30 daughters--	48	12,672	3.7	472
Sire, 662763; dam, 1356923.	30 dams-------	119	12,230	3.4	421
Owner, East Central Co-op. A. B. A.	Difference----	(16-25-21)	+442	+.3	+51
PIKES PEAK SIR RUE KYTE TRITOMIA 706032----------	11 daughters--	18	13,597	3.6	488
Born, 3-16-35; proved, 3-12-47;----; Colo.	11 dams-------	47	13,316	3.5	472
Sire, 675860; dam, 1552960.	Difference----	(7-9-8)	+281	+.1	+16
Herd Owner, George S. Turner, Canon City.					
PINEHURST PIETERTJE DELLA (TWIN) 761816----------	14 daughters--	17	10,697	4.1	433
Born, 11-23-37; proved, 3-28-47;----; Wis.	7 daughters---	8	11,453	4.0	460
Sire, 706775; dam, 1613601.	7 dams--------	17	10,940	3.4	374
Herd Owner, Carroll G. Rock, Plymouth.	Difference----	(5-7-5)	+513	+.6	+86

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DESIRE BUSTER BROWN 370691 *5----------	41 daughters--	101	6,254	5.6	349
Born, 1-3-35; proved, 4-29-47; dead; Mo.	35 daughters--	84	6,240	5.6	349
Sire, 327594; dam, 830329.	35 dams--------	171	6,146	5.5	335
Herd Owner, H. R. Frink, Hallsville.	Difference----	(16-23-21)	+ 94	+.1	+14
DREAMER SYBIL SULTAN 402062----------	16 daughters--	21	8,008	5.0	397
Born, 9-17-38; proved, 4-23-47;----; Pa.	15 daughters--	20	7,979	5.0	399
Sire, 356237; dam, 1041790.	15 dams--------	47	8,301	5.2	435
Herd Owner, U. E. Rhein, Pine Grove.	Difference----	(5-4-3)	-322	-.2	-36
ELMWOOD HANS CHOICE 424222----------	6 daughters---	7	8,225	5.4	447
Born, 2-1-41; proved, 4-9-47;----; Calif.	6 dams---------	16	8,544	5.4	458
Sire, 391425; dam, 1233326.	Difference----	(2-4-2)	-319	.0	-11
Herd Owner, J. Kenneth Fraser, Hughson.					
FAIRY TID OF HOMEWOOD 393453----------	7 daughters---	9	7,699	5.8	445
Born, 11-21-37; proved, 4-18-47; alive; Va.	5 daughters---	5	7,444	5.8	428
Sire, 375664; dam, 892403.	5 dams---------	13	8,041	5.3	422
Herd Owner, T. T. Curtis, Orange.	Difference----	(2-4-4)	-597	+.5	+ 6
F. D. VICTOR POGIS 440931----------	7 daughters---	9	7,932	5.4	425
Born, 6-18-40; proved, 4-9-47;----; Md.	6 daughters---	8	8,069	5.4	434
Sire, 355635; dam, 950153.	6 dams---------	35	6,898	5.2	360
Herd Owner, Indian Spring Farm, Darlington.	Difference----	(5-4-6)	+1,171	+.2	+74
FERN LAMAR REVIVAL 422876----------	12 daughters--	17	8,744	5.3	460
Born, 6-3-39; proved, 4-10-47;----; Tex.	12 dams--------	31	7,708	5.2	402
Sire, 381319; dam, 1053013.	Difference----	(8-8-10)	+1,036	+.1	+58
Herd Owner, H. C. Koon, Brashear.					
FLEECING DOMINATE 417047----------	7 daughters---	8	7,369	5.8	426
Born, 10-10-39; proved, 4-25-47;----; Mich.	6 daughters---	7	7,429	5.8	430
Sire, 384282; dam, 1156413.	6 dams---------	18	8,188	5.6	461
Herd Owner, Ben W. Calkins & Sons, Morrice.	Difference----	(2-4-2)	-759	+.2	-31
GIARD JOLLY SULTAN 430776----------	7 daughters---	7	6,794	4.8	329
Born, 3-29-40; proved, 4-9-47; dead; Iowa.	7 dams---------	30	7,886	5.1	399
Sire, 400863; dam, 1052181.	Difference----	(2-2-2)	-1,092	-.3	-70
Herd Owner, D. N. Olmsted, McGregor.					
GRAYSTONE PET BOY 376556 *7----------	18 daughters--	27	8,357	4.9	412
Born, 3-21-35; proved, 4-21-47;----; Mich.	15 daughters--	23	8,092	5.1	409
Sire, 331247; dam, 1024988.	15 dams--------	45	9,134	4.8	438
Herd Owner, Vernon D. Sanders, South Haven.	Difference----	(3-11-5)	-1,042	+.3	-29
GREENSLOPES GOLDEN LAD 434030----------	7 daughters---	10	7,233	5.3	380
Born, 1-24-41; proved, 4-29-47;----; Vt.	7 dams---------	20	8,389	5.2	440
Sire, 387257; dam, 1041769.	Difference----	(1-4-1)	-1,156	+.1	-60
Herd Owner, George E. Ranney, Putney.					
HUMBLE NOBLE TOREADOR 427736----------	8 daughters---	10	6,906	4.8	331
Born, 7-23-40; proved, 4-18-47;----; Ohio.	8 dams---------	26	6,949	4.6	319
Sire, 377179; dam, 1054870.	Difference----	(5-5-3)	- 43	+.2	+12
Herd Owner, Don R. Hughes, Delaware.					
IOTA'S SOPHIA OBSERVER 423879----------	9 daughters---	12	7,386	5.5	403
Born, 2-7-41; proved, 4-25-47;----; Tex.	9 dams---------	34	8,707	5.3	461
Sire, 383904; dam, 1110223.	Difference----	(1-5-2)	-1,321	+.2	-58
Herd Owner, R. O. Koon, Brashear.					
LAD FARM TORONO VICTOR 352556----------	23 daughters--	32	7,927	5.1	402
Born, 5-21-32; proved, 4-25-47; dead; Vt.	22 daughters--	31	7,895	5.1	402
Sire, 324087; dam, 684937.	22 dams--------	70	8,091	5.0	408
Herd Owner, Wendell I. Goodrich, West Danville.	Difference----	(10-12-11)	-196	+.1	- 6
L'ALVA COMMANDER 410088----------	7 daughters---	9	8,084	4.8	389
Born, 8-7-39; proved, 4-29-47;----; Md.	6 daughters---	7	7,845	4.9	383
Sire, 353766; dam, 941014.	6 dams---------	18	6,913	5.0	346
Herd Owner, Edwin D. Fry & Sons, Laytonsville.	Difference----	(4-2-4)	+932	-.1	+37
LA SENTE KING FERN 430953----------	8 daughters---	8	7,432	5.2	387
Born, 4-12-41; proved, 4-21-47;----; Tex.	7 daughters---	7	7,355	5.3	388
Sire, 421209; dam, 1294803.	7 dams---------	13	8,291	5.0	413
Herd Owner, H. C. Koon, Brashear.	Difference----	(2-4-3)	-936	+.3	-25
LE RONDIU DAIRYLIKE LAD 429161----------	8 daughters---	10	6,749	5.3	357
Born, 9-16-36; proved, 4-21-47; dead; Md.	8 dams---------	22	5,793	5.0	292
Sire, 251570; dam, 943766.	Difference----	(5-5-6)	+956	+.3	+65
Herd Owner, George A. Stiles, Boonsboro.					
NIGHT OWL QUEEN'S PRINCE 424323----------	5 daughters---	6	8,165	5.8	477
Born, 6-8-41; proved, 4-17-47;----; Ill.	5 dams---------	14	7,273	5.0	360
Sire, 367180; dam, 1196413.	Difference----	(4-5-5)	+892	+.8	+117
Herd Owner, Gottfried Kipp, Chester.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
NOBLE BEAUTY ONYX DESIGN 411830----------	10 daughters--	14	5,839	5.0	289
Born, 12-11-39; proved, 4-10-47; dead; Ariz.	7 daughters---	10	5,661	4.8	274
Sire, 389858; dam, 1030410.	7 dams--------	18	6,760	5.0	338
Herd Owner, Clyde Hussey, Phoenix.	Difference----	(1-3-1)	-1,099	-.2	-64
OBSERVER ONYX PRINCE 361315 *10----------	38 daughters--	58	7,542	5.5	418
Born, 4-3-34; proved, 4-23-47;----; Tenn.	31 daughters--	51	7,350	5.5	403
Sire, 285595; dam, 760296.	31 dams-------	93	7,041	5.2	368
Owner, Maury-Williamson A. B. A., Inc.	Difference----	(18-22-20)	+309	+.3	+35
ONWARD GIANT 429678----------	7 daughters---	10	6,608	5.1	335
Born, 3-22-39; proved, 4-9-47; dead; Mich.	6 daughters---	9	6,836	5.0	343
Sire, 327155; dam, 1126063.	6 dams--------	16	7,851	4.5	354
Herd Owner, Beryl N. Albring, Temperance.	Difference----	(1-6-4)	-1,015	+.5	-11
PARK REGION NOBLE 414634----------	10 daughters--	13	6,452	5.5	356
Born, 10-29-38; proved, 4-23-47;----; Minn.	10 dams-------	42	6,756	5.4	365
Sire, 336682; dam, 827197.	Difference----	(3-6-3)	-304	+.1	- 9
Herd Owner,St. Mary's Mission School, Red Lake.					
PROGRESS KING OWL 382350 *8----------	19 daughters--	46	8,032	5.0	404
Born, 6-23-36; proved, 4-16-47;----; Mo.	15 daughters--	35	7,977	5.1	406
Sire, 319668; dam, 691966.	15 dams-------	47	8,570	5.3	450
Herd Owner, J. H. H. Maxwell, Columbia.	Difference----	(7-8-5)	-593	-.2	-44
PROGRESS OWL FAUVIC PRINCE 413799----------	9 daughters---	11	8,285	4.9	410
Born, 11-29-39; proved, 4-23-47;----; Maine.	8 daughters---	10	8,464	4.9	417
Sire, 251842; dam, 1092780.	8 dams--------	23	8,995	5.0	447
Herd Owner, W. W. & R. S. Pike, Cornish.	Difference----	(2-5-3)	-531	-.1	-30
QUEEN'S WONDERFUL LORD 414379----------	6 daughters---	9	6,652	5.6	371
Born, 2-13-40; proved, 4-9-47;----; Wis.	6 dams--------	26	6,453	5.1	328
Sire, 410975; dam, 1212434.	Difference----	(4-4-5)	+199	+.5	+43
Herd Owner,C.W.Sturdevant & C. Williams,Cashton.					
RALEIGH EMINENT OBSERVER 422920----------	6 daughters---	7	5,602	5.6	312
Born, 5-7-39; proved, 4-9-47;----; Kans.	6 dams--------	21	6,212	5.4	334
Sire, 382802; dam, 1165691.	Difference----	(2-5-2)	-610	+.2	-22
Herd Owner, S. E. Miller & Son, Rush Center.					
SMOKY FRANK 402649----------	7 daughters---	12	6,863	5.7	393
Born, 8-25-38; proved, 4-29-47; dead; Mo.	7 dams--------	30	7,084	5.5	392
Sire, 318391; dam, 891165.	Difference----	(3-4-5)	-221	+.2	+ 1
Herd Owner, H. R. Frink, Hallsville.					
SMOKY TORONO JUPITER 433035----------	10 daughters--	10	7,070	4.6	322
Born, 9-21-41; proved, 4-29-47;----; Iowa.	9 daughters---	9	6,990	4.6	320
Sire, 401481; dam, 1246566.	9 dams--------	38	6,147	5.3	326
Herd Owner, King & Occo, Oelwein.	Difference----	(9-0-5)	+843	-.7	- 6
STORRS SECRET REMUS 416534----------	9 daughters---	10	6,328	5.4	339
Born, 7-28-40; proved, 4-24-47;----; Pa.	8 daughters---	9	6,376	5.4	346
Sire, 400954; dam, 1156470.	8 dams--------	20	6,127	5.5	339
Herd Owner, Birchard Farms, Birchardville.	Difference----	(4-4-4)	+249	-.1	+ 7
SULTAN PIONEER DAN 434254----------	18 daughters--	30	6,845	5.2	357
Born, 3-8-36; proved, 4-11-47; dead; Mo.	11 daughters--	17	6,953	5.2	364
Sire, 356829; dam, 1024638.	11 dams-------	22	6,115	5.5	335
Herd Owner, Cedar Hill Farm, St. Joseph.	Difference----	(10-2-7)	+838	-.3	+29
SYBIL'S DREAMING ROYALIST 357894 *5----------	34 daughters--	94	6,921	5.2	356
Born, 11-11-33; proved, 4-29-47; dead; Vt.	33 daughters--	93	6,938	5.1	356
Sire, 34717*; dam, 1030780.	33 dams-------	136	6,800	5.1	348
Herd Owner, Westleigh Farm, Windsor.	Difference----	(15-20-20)	+138	.0	+ 8
SYBIL STOCKWELL BOY 406995 (ADC-224)----------	19 daughters--	31	8,201	5.1	421
Born, 9-28-39; proved, 4-25-47;----; Pa.	19 dams-------	92	7,885	4.9	389
Sire, 368386(630-AC);dam, 1134070(8223-AC).	Difference----	(11-13-10)	+316	+.2	+32
Herd Owner, Samuel B. Williams, Jr.,Middletown.					
THE KID SYLVIA SON 418601----------	7 daughters---	7	6,892	5.4	370
Born, 4-4-40; proved, 4-9-47;----; Iowa.	6 daughters---	6	6,776	5.5	370
Sire, 384605; dam, 1094379.	6 dams--------	17	7,841	5.4	423
Herd Owner, Norris & Bernice Leighton,Waterloo.	Difference----	(1-4-3)	-1,065	+.1	-53
U-MO MERCURY MASTER F. 364420----------	9 daughters---	12	7,396	5.1	381
Born, 11-10-34; proved, 4-10-47;----; Mo.	8 daughters---	11	7,395	5.2	381
Sire, 268919; dam, 920601.	8 dams--------	15	5,327	5.3	285
Herd Owner, A. B. Todd & Son, Hartville.	Difference----	(8-3-8)	+2,068	-.1	+96
VENADERA VOLUNTEER CHIEF 410373----------	8 daughters---	10	7,124	5.1	364
Born, 5-22-39; proved, 4-18-47;----; Calif.	7 daughters---	9	7,218	5.0	364
Sire, 359988; dam, 1151805.	7 dams--------	12	7,390	5.0	373
Herd Owner, E. O. Birler, Tulare.	Difference----	(4-5-3)	-172	.0	- 9

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
425434----------	9 daughters---	9	8,017	5.4	436
Born, ----; proved, 4-29-47;----; Vt.	6 daughters---	6	8,280	5.4	449
Sire, ----; dam,----.	6 dams--------	14	8,653	5.4	471
Herd Owner, John McDill, Woodstock.	Difference----	(2-2-3)	-373	.0	-22
11-A2502 (DHIA EARTAG)----------	9 daughters---	10	6,050	4.8	293
Born, ----; proved, 4-15-47;----; Maine.	9 dams--------	23	6,737	4.9	333
Sire, ----; dam, ----.	Difference----	(4-4-3)	-687	-.1	-40
Herd Owner, LaForest Bailey, Clinton.					
43-A0106 (DHIA EARTAG)----------	23 daughters--	34	6,456	5.4	351
Born, ----; proved, 4-25-47;----; Mo.	5 daughters---	7	6,454	5.4	347
Sire, ----; dam, ----.	5 dams--------	15	5,912	5.0	296
Herd Owner, Otis Buckman, Shelbina.	Difference----	(4-5-4)	+542	+.4	+51

SHORTHORN SIRES

BAYSIDE VICTOR DON 1817003----------	9 daughters---	11	8,206	3.7	304
Born, 10-4-34; proved, 4-11-47;----; Wis.	7 daughters---	8	8,231	3.7	308
Sire, 193679 CHB.; dam, 244927 CHB.	7 dams--------	12	7,728	3.9	299
Herd Owner, Edward N. Gerner & Sons, West Bend.	Difference----	(5-2-4)	+503	-.2	+ 9
QUEENSTON CLAY 1810403----------	7 daughters---	7	8,416	3.8	321
Born, 11-21-34; proved, 4-9-47;----; Wis.	6 daughters---	6	8,804	3.8	337
Sire, 1717147; dam, 1412890.	6 dams--------	15	10,369	3.8	393
Herd Owner, Emmett R. Arnold, Janesville.	Difference----	(1-4-1)	-1,565	.0	-56
WACHEROR (TWIN) 1789622----------	10 daughters--	19	8,339	4.0	330
Born, 10-17-33; proved, 4-11-47;----; Conn.	9 daughters---	18	8,505	4.0	336
Sire, 1716837; dam, 1329412.	9 dams--------	28	9,867	3.9	382
Herd Owner, M. A. Gelston, East Haddam.	Difference----	(2-4-3)	-1,362	+.1	-46

AMERICAN DAIRY CATTLE CLUB SIRES

RAINBOW COMRAD 98----------	10 daughters--	18	8,642	3.9	340
Born, 5-7-38; proved, 4-9-47; dead; Ill.	7 daughters---	13	8,504	3.9	334
Sire, 5; dam, 30.	7 dams--------	13	9,012	3.3	299
Herd Owner, Pheasant Run Farm, Geneva.	Difference----	(2-7-5)	-508	+.6	+35
WINDY TOP JIM 241----------	12 daughters--	31	12,063	3.8	460
Born, ----; proved, 4-9-47;----; N. Y.	11 daughters--	30	12,091	3.8	464
Sire, ----; dam, ----.	11 dams-------	41	10,636	4.2	449
Herd Owner, Robert W. Ainsworth, Whitesville.	Difference----	(9-2-6)	+1,455	-.4	+15
WINDY TOP KRIS KRINGLE 385----------	11 daughters--	20	11,514	4.0	465
Born, 12-28-37; proved, 4-9-47;----; N. Y.	11 dams-------	43	12,765	4.0	503
Sire, 241; dam, 2976.	Difference----	(4-6-2)	-1,251	.0	-40
Herd Owner, Robert W. Ainsworth, Whitesville.					

PIETERTJE HARTOG OLLIE 879

(This sire is also a registered Holstein "Pietertje Hartog Ollie 817854." Proved Sire data included in Holstein listing.)

SYBIL STOCKWELL BOY 224

(This sire is also a registered Jersey "Sybil Stockwell Boy 406995." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 14 No. 6
June 1947

SUMMARY OF THE PROVED-SIRE RECORDS COMPILED IN 1946

The following tabulations give a brief summary of the proved-sire records compiled from dairy-herd-improvement-association data in 1946:

Table 1.- Number of sires reported alive or dead, and the production of their daughters compared with that of their daughters' dams

Status of sires	Sires		Average production					
			Dams			Daughters		
			Milk	Butterfat		Milk	Butterfat	
	Number	Percent	Pounds	Percent	Pounds	Pounds	Percent	Pounds
Living	237	33	10,242	4.0	409	10,897	4.1	444
Dead	273	38	10,070	3.9	391	9,845	3.9	388
Not reported	215	29	9,922	3.9	387	9,888	3.9	390
Total or average	725	100	10,082	3.9	395	10,202	4.0	407

Table 2.- Number of living sires, by age and breed

Age (years)	Ayrshire	Brown Swiss	Guernsey	Holstein	Jersey	Red Dane	Total
5	—	—	—	2	1	—	3
6	1	—	6	17	6	—	30
7	5	—	15	31	10	—	51
8	1	1	9	22	4	1	38
9	3	3	5	15	6	—	32
10	2	1	8	21	9	—	41
11	1	2	4	9	3	—	19
12	1	—	2	3	—	—	6
13	—	—	2	1	1	—	4
14	—	—	—	2	—	—	2
No report	—	—	—	—	1	—	1
Total	14	7	51*	123*	41*	1	237

*Two Guernsey sires, three Holstein sires, and one Jersey sire are also registered in the American Dairy Cattle Club.

Table 3. -Sires that maintained, increased, or decreased butterfat production, grouped according to the production range of the dams to which they were mated

Butterfat production range of dams (pounds)	Sires	Maintained or increased production	Decreased production	Dam-and-daughter pairs	Average production					
					Dams			Daughters		
					Milk	Butterfat		Milk	Butterfat	
	Number	Number	Number	Number	Pounds	Percent	Pounds	Pounds	Percent	Pounds
200-224-----	1	1	0	5	6,166	3.3	205	8,176	3.5	289
225-249-----	1	0	1	10	5,943	4.2	247	5,758	4.0	233
250-274-----	6	6	0	50	6,520	4.0	262	7,228	4.1	299
275-299-----	23	17	6	193	7,092	4.1	289	7,533	4.2	317
300-324-----	35	26	9	351	8,133	3.8	313	8,681	4.0	343
325-349-----	74	44	30	691	8,318	4.1	337	8,567	4.1	353
350-374-----	111	69	42	1,262	9,266	3.9	363	9,513	4.0	380
375-399-----	129	61	68	1,473	9,952	3.9	388	10,032	4.0	398
400-424-----	125	82	43	1,544	10,547	3.9	412	10,833	4.0	428
425-449-----	111	58	53	1,452	11,302	3.9	436	11,147	3.9	438
450-474-----	65	37	28	752	12,000	3.8	461	12,014	3.9	470
475-499-----	29	11	18	369	11,538	4.2	486	10,992	4.3	468
500-524-----	11	4	7	105	13,115	3.9	508	12,504	3.9	485
525-549-----	1	0	1	11	10,425	5.2	546	9,649	5.5	527
550-574-----	3	1	2	24	13,446	4.1	558	13,218	4.0	528
Total or average----	725	417	308	8,292	10,082	3.9	395	10,202	4.0	407

Number of sires proved during 1946,
by States and Breeds

State	Breed								
	Ayr-shire	Brown Swiss	Guern-sey	Hol-stein	Jersey	Red Dane	Short-horn	Ameri-can 1/	Total
Ariz.....	2*			2					4*
Calif.....				8	3*				11*
Colo.....	1*		1	3*					5*
Conn.....	12*	3*	7*	14*	1*			2***	37*
Del.....	1		2	1*	1				5*
Ga.....			1*						1*
Idaho.....	1*		1*	3*	1*				6*
Ill.....		7*	11*	42*	4*			1***	64*
Ind.....	3*		3*	8*	3*		1		18*
Iowa.....	2*	8*	11*	35*	22*		1		79*
Kans.....	9*	1*	2*	10*	6*				28*
Ky.....				1	1*				2*
Maine.....	1		8*	5*	8*				22*
Md.....	6*		5*	4*	3*				18*
Mass.....	3*	3*	5*	4*	5*			2***	20*
Mich.....	5*	5*	7*	19*	7*	2	1		46*
Minn.....		2*	5*	31*	4*				42*
Mo.....	1		3*	4	7*				15*
Nebr.....	1*	1*							2*
N. H.....	3*		2*	7*	4*				16*
N. J.....	1	1	16*	20*	4*				42*
N. Mex.....				1*					1*
N. Y.....	22*	2*	13*	65*	4*			10***	106*
N. C.....	3*			1*					4*
Ohio.....	7*	2*	3	12*	6*				30*
Oreg.....		3							3
Pa.....	21*	2*	24*	65*	8*			1***	120*
S. Dak.....				1*					1*
Tenn.....					4*				4*
Utah.....				6*	3				9*
Vt.....	6*		4*	7*	12*			2***	29*
Va.....			3*	11*					14*
Wash.....	1*		7*	9*	11*				28*
W. Va.....	6*	1*	5*	4*	8*				24*
Wis.....	2	11*	16*	69*	4*				102*
Total.....	89**	31**	124**	376**	101**	2	3	13***	726**

1/ American Dairy Cattle Club
* This number includes 1 or more sires proved with records from some other State as well as from the State indicated.
** Omitting duplication of sires.
***American Dairy Cattle Club sires are also registered in other breed associations

CORRECTION; Through error, pages 17 of the April and May DHIA Letters were assembled incorrectly. Page 17 of the April issue was included in the May Letter and page 17 of the May issue was included in the April Letter.

DHIA PROVED-SIRE RECORDS TABULATED IN MAY 1947

Following is a list of 411 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in May 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ALTA CREST DOORKEEPER 57502----------	9 daughters---	15	7,875	4.0	319
Born, 9-2-37; proved, 5-13-47;----; Mass.	8 daughters---	13	7,829	4.1	318
Sire, 41952 imp.; dam, 154130.	8 dams--------	27	9,147	3.9	360
Herd Owner, Glad-Ayr Farm, Southwick.	Difference----	(2-6-2)	-1,318	+.2	-42
BRYNDUNE ESTHER'S PLAY BOY 54740----------	15 daughters--	22	9,122	4.3	395
Born, 7-18-36; proved, 5-19-47;----; Calif.	7 daughters---	12	10,000	4.3	435
Sire, 45892; dam, 132163.	7 dams--------	31	8,915	4.2	371
Herd Owner, La Franchi Brothers, Calistoga.	Difference----	(6-6-6)	+1,085	+.1	+64
BURNHOLM BROWN KING, IMP. 59553----------	6 daughters---	7	7,480	4.0	302
Born, 11-23-37; proved, 5-5-47;----; Md.	5 daughters---	6	7,650	4.0	304
Sire, 59552; dam, 208501.	5 dams--------	13	8,983	4.1	364
Herd Owner, Frank Gardiner, Davidsonville.	Difference----	(0-2-1)	-1,333	-.1	-60
CACAPON BRIGHT STAR 7TH 60458----------	12 daughters--	15	10,190	3.4	346
Born, 12-30-38; proved, 5-13-47;----; Ind.	11 daughters--	14	10,187	3.4	346
Sire, 39232; dam, 171080.	11 dams-------	37	8,879	3.9	345
Herd Owner, Otto B. Lehman, Berne.	Difference----	(7-1-5)	+1,308	-.5	+ 1
CAROLINA'S ROMEO WHITE CHIEF 56273----------	9 daughters---	12	7,860	3.9	306
Born, 2-26-37; proved, 5-5-47;----; Va.	6 daughters---	9	7,719	3.9	304
Sire, 28567; dam, 155520.	6 dams--------	24	7,446	3.7	279
Herd Owner, Norwood Wilson, Hopewell.	Difference----	(3-5-4)	+273	+.2	+25
CLARA'S MISCHIEF MAKER 53971----------	8 daughters---	12	7,398	3.9	288
Born, 8-26-35; proved, 5-14-47; dead; Vt.	5 daughters---	9	6,989	3.9	275
Sire, 46707; dam, 143583.	5 dams--------	10	8,311	4.2	348
Herd Owner, Charles L. Jewett & Son, Middlebury.	Difference----	(1-1-1)	-1,322	-.3	-73
DESERT CREST'S BEST PEER 57555----------	13 daughters--	19	9,897	4.3	428
Born, 7-23-36; proved, 5-27-47;----; Ariz.	13 dams-------	74	11,218	4.1	456
Sire, 43826; dam, 138132.	Difference----	(4-11-5)	-1,321	+.2	-28
Herd Owner, L. A. Johnson & Sons, Mesa.					
DRUMFORK PRINCIPAL, IMP. 55783----------	10 daughters--	21	10,356	4.0	417
Born, 5-7-35; proved, 5-20-47;----; Ill.	7 daughters---	15	10,538	4.1	432
Sire, 55782; dam, 190886.	7 dams--------	26	8,433	4.0	341
Herd Owner, Deerpath Farm, Lake Forest.	Difference----	(7-4-6)	+2,105	+.1	+91
ELMBAR'S LADDIE 57945----------	7 daughters---	7	8,213	3.9	320
Born, 9-15-36; proved, 5-1-47;----; Kans.	6 daughters---	6	8,239	3.9	325
Sire, 38544; dam, 98778.	6 dams--------	24	8,454	4.6	391
Herd Owner, W. S. Robinson, Nashville.	Difference----	(2-1-1)	-215	-.7	-66
FERNHEIM DEFENDER 58169----------	6 daughters---	8	6,670	4.3	288
Born, 9-4-37; proved, 5-5-47;----; Pa.	5 daughters---	7	6,595	4.4	288
Sire, 38562; dam, 145105.	5 dams--------	13	8,081	3.9	312
Herd Owner, Fernheim Farm, Montrose.	Difference----	(2-5-2)	-1,486	+.5	-24
FILLMORE JACOB 59592----------	14 daughters--	18	8,792	4.0	355
Born, 8-17-38; proved, 5-27-47;----; Vt.	10 daughters--	12	8,782	4.1	358
Sire, 47630; dam, 172605 imp.	10 dams-------	26	8,132	3.8	306
Herd Owner, Wayne C. Hager, Wallingford.	Difference----	(7-9-7)	+650	+.3	+52
GLEN FOERD CAVALIER 28492----------	16 daughters--	36	7,518	3.9	290
Born, 4-8-22; proved, 5-1-47; dead; Ohio.	5 daughters---	12	8,138	3.9	314
Sire, 20922; dam, 42317.	5 dams--------	11	9,110	4.1	378
Herd Owner, John E. Rapp, Portsmouth.	Difference----	(1-1-1)	-972	-.2	-64

AYRESHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GLEN FOERD NEALSTAR 43345----------	21 daughters--	43	9,740	4.2	409
Born, 3-30-28; proved, 5-29-47;----; N. Y.	13 daughters--	26	10,324	4.2	434
Sire, 20922; dam, 49684.	13 dams-------	42	11,623	3.9	454
Herd Owner, Iroquois Farm, Cooperstown.	Difference----	(3-12-4)	-1,299	+.3	-20
KING LETO STAR (TWIN) 55033----------	30 daughters--	47	9,011	4.3	391
Born, 9-1-36; proved, 5-14-47; alive; N. Y.	13 daughters--	23	9,473	4.3	409
Sire, 35805; dam, 144686.	13 dams-------	21	10,714	3.8	410
Herd Owner, M. C. Sears & Son, Blooming Grove.	Difference----	(3-13-6)	-1,241	+.5	- 1
LIPPITT AUGUST DOUGLAS 54561----------	12 daughters--	21	10,074	3.9	391
Born, 8-14-36; proved, 5-5-47; dead; Conn.	6 daughters---	10	10,026	4.0	397
Sire, 47977; dam, 122783.	6 dams--------	17	9,009	4.1	369
Herd Owner, University of Connecticut, Storrs.	Difference----	(3-3-3)	+1,017	-.1	+28
LIPPITT SUNNY PETER 55089----------	16 daughters--	27	9,147	3.9	356
Born, 11-4-36; proved, 5-14-47;----; N. Y.	12 daughters--	19	8,793	3.9	342
Sire, 47977; dam, 147182.	12 dams-------	36	9,491	4.3	404
Herd Owner,Meadow Ridge Farm, Yorktown Heights.	Difference----	(6-2-3)	-698	-.4	-62
MASONIC HOMES GENERALISSIMO 54761----------	15 daughters--	34	9,161	3.9	362
Born, 12-12-34; proved, 5-6-47;----; Pa.	9 daughters---	20	9,311	4.0	372
Sire, 27484; dam, 77246.	9 dams--------	19	8,462	3.9	330
Herd Owner, Masonic Homes Farm, Elizabethtown.	Difference----	(3-6-4)	+849	+.1	+42
MONTANA LADDIE 43532----------	10 daughters--	23	10,867	4.2	454
Born, 2-22-30; proved, 5-1-47; dead; Mont.	6 daughters---	19	10,779	4.2	451
Sire, 33756; dam, 94726.	6 dams--------	6	11,458	3.9	442
Herd Owner, H. B. Mitchell, Great Falls.	Difference----	(2-6-2)	-679	+.3	+ 9
PENSHURST MAN O'WAR 38TH 54154----------	7 daughters---	9	7,606	3.9	295
Born, 2-15-36; proved, 5-13-47;----; N. H.	7 dams--------	32	7,685	4.2	322
Sire, 43060; dam, 114520.	Difference----	(4-1-1)	- 79	-.3	-27
Herd Owner, Paul E. Sargeant, Candia.					
PENSHURST MISTER B 56971----------	9 daughters---	21	10,015	3.9	395
Born, 3-9-37; proved, 5-14-47;----; Oreg.	7 daughters---	16	9,850	3.9	388
Sire, 52000 imp.; dam, 105921.	7 dams--------	19	10,103	4.1	415
Herd Owner, Oreg. Agricultural College,Corvallis.	Difference----	(1-4-1)	-253	-.2	-27
PENSHURST RUPERT 35189----------	16 daughters--	26	7,447	4.0	301
Born, 2-28-27; proved, 5-1-47; dead; Ohio.	5 daughters---	8	7,027	3.9	274
Sire, 25200; dam, 61160.	5 dams--------	8	7,275	3.9	281
Herd Owner, John E. Rapp, Portsmouth.	Difference----	(2-3-2)	-248	.0	- 7
PENSTATE SUNNY JIM'S CHIEF 52778----------	11 daughters--	20	7,227	4.0	292
Born, 1-1-36; proved, 5-2-47;----; Pa.	7 daughters---	12	7,162	4.1	295
Sire, 44209 imp.; dam, 115373.	7 dams--------	18	8,434	4.1	343
Herd Owner, Albert A. Pflug & Sons, Harmony.	Difference----	(1-5-2)	-1,272	.0	-48
PINEHURST KING GLEN 44078----------	15 daughters--	29	9,057	4.0	363
Born, 5-26-30; proved, 5-14-47; dead; N. C.	11 daughters--	20	8,502	4.1	347
Sire, 28692; dam, 69593.	11 dams-------	61	9,385	4.1	385
Herd Owner, Pinehurst Farms, Pinehurst.	Difference----	(4-5-4)	-883	.0	-38
PINEHURST RONALD 58388----------	10 daughters--	10	7,855	4.2	330
Born, 1-10-38; proved, 5-28-47;----; N. C.	8 daughters---	8	8,093	4.2	343
Sire, 28567; dam, 152167.	8 dams--------	17	7,344	4.1	305
Herd Owner, Pinehurst Farms, Pinehurst.	Difference----	(4-7-5)	+749	+.1	+38
STAR'S MIDWAY GOVERNOR 56463----------	7 daughters---	10	7,267	4.1	301
Born, 12-29-36; proved, 5-13-47;----; Kans.	7 dams--------	15	6,521	4.2	272
Sire, 45334; dam, 106406.	Difference----	(6-4-5)	+746	-.1	+29
Herd Owner, Harry Tannehill, Broughton.					
STRATHGLASS BONNIE DAN 60175----------	9 daughters---	9	8,754	4.0	349
Born, 10-30-38; proved, 5-8-47; alive; Ohio.	7 daughters---	7	9,047	4.0	365
Sire, 51655 imp.; dam, 105620.	7 dams--------	26	8,123	4.0	326
Herd Owner, E. R. McConnell & Son, Wellington.	Difference----	(5-6-5)	+924	.0	+39
STRATHGLASS BROWN BELBO 60364----------	13 daughters--	22	7,473	4.2	311
Born, 12-20-38; proved, 5-14-47;----; N. Y.	12 daughters--	20	7,328	4.2	305
Sire, 51653; dam, 147081.	12 dams-------	49	8,599	4.1	355
Herd Owner, Strathglass Farm, Port Chester.	Difference----	(4-8-4)	-1,271	+.1	-50
STRATHGLASS HERE'S LUCK 50077----------	8 daughters---	8	7,598	3.9	293
Born, 10-17-34; proved, 5-14-47;----; Conn.	8 dams--------	19	8,526	3.9	336
Sire, 41218; dam, 71236.	Difference----	(2-4-2)	-928	.0	-43
Herd Owner, Gustafson Brothers, Watertown.					
SYCAMORE SPUN GOLD 60008----------	15 daughters--	25	10,100	3.9	390
Born, 10-23-38; proved, 5-28-47;----; Md.	8 daughters---	13	10,430	3.9	412
Sire, 51654 imp.; dam, 137910.	8 dams--------	11	8,142	4.2	338
Herd Owner, Wilbur Morris, Jr., Chestertown.	Difference----	(8-3-7)	+2,288	-.3	+74

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SYCAMORE WHITE PRINCE 39151----------	26 daughters--	41	8,874	4.1	361
Born, 1-25-29; proved, 5-19-47;----; Pa.	10 daughters--	13	7,922	4.0	320
Sire, 35622; dam, 80521.	10 dams-------	26	7,955	3.7	297
Herd Owner, National Farm School, Farm School.	Difference----	(5-7-6)	- 33	+.3	+23
WHITPAIN SUNNY ROLAND 36352----------	12 daughters--	21	9,332	3.8	359
Born, 4-27-37; proved, 5-13-47;----; Ohio.	6 daughters---	8	9,831	3.9	382
Sire, 44209 imp.; dam, 145049.	6 dams--------	11	9,500	3.9	367
Herd Owner, A. N. Brenneman, Lima.	Difference----	(3-5-3)	+331	.0	+15
11*95271B (BANGS OR TB EARTAG)----------	6 daughters---	9	9,504	3.7	349
Born, ----; proved, 5-1-47;----; Maine.	6 dams--------	17	6,356	3.7	235
Sire, ----; dam, ----.	Difference----	(6-4-6)	+3,148	.0	+114
Herd Owner, Granite Farm, Brunswick.					
BROWN SWISS SIRES					
ACE OF DIAMONDS 26458----------	16 daughters--	22	9,983	3.8	382
Born, 12-15-30; proved, 5-2-47; dead; Iowa.	7 daughters---	10	10,236	3.8	391
Sire, 18797; dam, 26099.	7 dams--------	12	8,053	4.1	331
Herd Owner, Carleton D. Beh, West Des Moines.	Difference----	(5-2-5)	+2,183	-.3	+60
BELIEVE LAMARK'S MAGNO OF THE COTTONWOODS 38436---	7 daughters---	9	7,829	3.9	303
Born, 8-10-37; proved, 5-13-47;----; Iowa.	6 daughters---	8	7,830	3.9	304
Sire, 21218; dam, 32809.	6 dams--------	18	9,409	4.0	375
Herd Owner, Walter Miller, Buffalo Center.	Difference----	(1-2-1)	-1,579	-.1	-71
COLLEGE BOY'S KING LADDIE 34191----------	9 daughters---	10	10,137	3.9	395
Born, 3-10-35; proved, 5-20-47;----; Ill.	5 daughters---	6	10,370	3.8	395
Sire, 20608; dam, 25766.	5 dams--------	9	10,905	4.0	432
Herd Owner, William B. Morris, Washington.	Difference----	(2-1-2)	-535	-.2	-37
COLLEGE CROONER 33521----------	7 daughters---	16	6,186	4.3	269
Born, 2-15-35; proved, 5-13-47;----; Ill.	5 daughters---	9	6,374	4.1	262
Sire, 21292; dam, 36077.	5 dams--------	15	7,240	4.0	287
Herd Owner, Carl Larsen, Galesburg.	Difference----	(1-3-2)	-866	+.1	-25
GREEN FARM BETTY BOY'S PERFECTION 40079----------	13 daughters--	19	9,129	4.1	375
Born, 11-1-37; proved, 5-15-47;----; Vt.	13 dams-------	46	9,370	4.1	383
Sire, 31031; dam, 58595.	Difference----	(6-8-5)	-241	.0	- 8
Herd Owner, Green Mountain Farms, Saxtons River.					
IDA'S NERO OF CEDAR VALLEY 47960----------	6 daughters---	8	12,514	3.8	473
Born, 7-4-40; proved, 5-20-47;----; Iowa.	6 dams--------	15	11,497	3.9	446
Sire, 28226; dam, 52879.	Difference----	(5-3-5)	+1,017	-.1	+27
Herd Owner, Ed Hensing, Iowa Falls.					
ILLINI DOUBLE NELLIE BOY 31989----------	9 daughters---	22	10,270	4.0	411
Born, 10-10-34; proved, 5-6-47;----; Ill.	6 daughters---	17	10,497	4.0	416
Sire, 24542; dam, 35876.	6 dams--------	8	10,729	4.3	457
Herd Owner, Leonard R. Anderson, Walnut.	Difference----	(3-1-2)	-232	-.3	-41
ILLINI NELLIE CONCENTRATION 28036----------	6 daughters---	13	8,679	4.5	387
Born, 7-26-32; proved, 5-1-47;----; Ill.	6 dams--------	23	9,833	4.4	433
Sire, 24542; dam, 17455.	Difference----	(2-3-2)	-1,154	+.1	-46
Herd Owner, A. E. Bower & Son, Bushton.					
JANE'S ROYAL OF MELROSE 41322----------	8 daughters---	12	9,837	4.0	395
Born, 3-19-38; proved, 5-20-47;----; Wis.	7 daughters---	10	10,243	4.0	410
Sire, 35467; dam, 55424.	7 dams--------	27	9,124	4.2	385
Herd Owner, Martin Brothers, West Salem.	Difference----	(5-2-6)	+1,119	-.2	+25
JEANETTE'S CHOICE OF MELROSE 31250----------	22 daughters--	32	10,242	4.1	422
Born, 5-14-34; proved, 5-29-47;----; Wis.	13 daughters--	18	10,703	4.1	434
Sire, 24463; dam, 17390.	13 dams-------	22	11,576	3.8	440
Herd Owner, Wesley Newhouse, Kaukauna.	Difference----	(6-10-5)	-873	+.3	- 6
KING OF MERCURY 41849----------	5 daughters---	9	11,269	4.1	459
Born, 8-12-38; proved, 5-20-47;----; Iowa.	5 dams--------	14	11,553	4.0	459
Sire, 37948; dam, 39885.	Difference----	(2-4-2)	-284	+.1	0
Herd Owner, Ed Hensing, Iowa Falls.					
LAOS VOGEL BOY 29107----------	10 daughters--	13	8,546	3.9	335
Born, 11-2-32; proved, 5-8-47;----; Ill.	6 daughters---	7	8,042	3.9	310
Sire, 21996; dam, 23266.	6 dams--------	10	6,340	3.8	239
Herd Owner, Ervin A. Marti, Mokena.	Difference----	(4-3-5)	+1,702	+.1	+71
LORRAINE'S BROWN DESIGN 35917----------	19 daughters--	42	10,387	4.0	410
Born, 8-19-36; proved, 5-6-47; dead; Ill.	9 daughters---	18	10,012	4.0	402
Sire, 29090; dam, 47378.	9 dams--------	21	9,017	4.1	366
Herd Owner, John Buehler, Tremont.	Difference----	(5-5-6)	+995	-.1	+36

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAGGIE'S BARON J. B. 42939----------	11 daughters--	13	9,044	4.3	385
Born, 11-4-38; proved, 5-8-47;----; Conn.	7 daughters---	9	8,744	4.3	374
Sire, 34504; dam, 48149.	7 dams--------	21	8,493	4.2	359
Herd Owner, George C. Dudley, Litchfield.	Difference----	(4-4-5)	+251	+.1	+15
MARCH MOLLY 3D'S MASTER 14350----------	10 daughters--	17	9,216	3.8	346
Born, 12-6-25; proved, 5-13-47;----; Wis.	7 daughters---	9	8,842	3.8	334
Sire, 11837; dam, 13632.	7 dams--------	25	8,725	4.0	348
Herd Owner, Franciscan Fathers, Pulaski.	Difference----	(3-3-3)	+117	-.2	-14
NERO'S ROWE J. B. 33203----------	11 daughters--	22	9,551	4.2	399
Born, 7-27-35; proved, 5-5-47;----; N. Y.	10 daughters--	18	9,353	4.2	391
Sire, 15599; dam, 37500.	10 dams-------	55	12,692	4.1	523
Herd Owner, George A. Smith Estate, Cobleskill.	Difference----	(1-7-1)	-3,339	+.1	-132
QUEEN'S SONNY JIM 49612----------	6 daughters---	9	9,415	4.6	429
Born, 4-26-40; proved, 5-13-47;----; Ill.	5 daughters---	8	9,622	4.5	433
Sire, 45741; dam, 56437.	5 dams--------	11	10,630	4.1	438
Herd Owner, Louis Weishaupt, Morton.	Difference----	(1-5-2)	-1,008	+.4	- 5
SARAH'S INKWYL 40056----------	7 daughters---	13	9,558	4.5	433
Born, 8-14-37; proved, 5-20-47;----; N. Y.	6 daughters---	9	10,099	4.6	461
Sire, 32960; dam, 45317.	6 dams--------	19	11,021	3.9	427
Herd Owner, Merle Newton Estate, East Aurora.	Difference----	(1-6-5)	-922	+.7	+34
SWISS LAD MARCEL 36647----------	8 daughters---	15	9,915	4.1	411
Born, 8-20-36; proved, 5-20-47;----; Vt.	6 daughters---	10	9,964	4.2	421
Sire, 27137; dam, 41641.	6 dams--------	21	9,536	4.1	393
Herd Owner, Ethan Allen Farm, Essex Junction.	Difference----	(3-5-3)	+428	+.1	+28
WALHALLA JESTER BARON 41657----------	9 daughters---	15	9,720	3.9	379
Born, 8-27-37; proved, 5-20-47;----; Vt.	5 daughters---	9	8,300	4.1	338
Sire, 17460; dam, 46855.	5 dams--------	11	8,875	4.4	386
Herd Owner, Sleepy Valley Farm, Cambridgeport.	Difference----	(2-2-1)	-575	-.3	-48
WALHALLA WONDER SIGNAL 41664----------	13 daughters--	20	9,520	4.3	412
Born, 9-16-38; proved, 5-28-47;----; Conn.	12 daughters--	18	9,606	4.3	416
Sire, 31781; dam, 59500.	12 dams-------	33	11,160	4.1	455
Herd Owner, Judd's Bridge Farms, New Milford.	Difference----	(4-9-4)	-1,554	+.2	-39

GUERNSEY SIRES

ALAMATUCK SUNNY 308506----------	9 daughters---	12	8,704	4.8	420
Born, 4-23-40; proved, 5-15-47;----; N. J.	6 daughters---	8	9,005	4.8	429
Sire, 208412; dam, 560935.	6 dams--------	14	8,693	4.6	396
Herd Owner, Ogden White, Far Hills.	Difference----	(3-4-4)	+312	+.2	+33
ARGILLA BARON 303942----------	14 daughters--	14	8,605	5.1	441
Born, 12-6-40; proved, 5-1-47;----; Calif.	13 daughters--	13	8,463	5.1	432
Sire, 270988; dam, 526748.	13 dams-------	56	6,767	4.8	325
Herd Owner, C. M. Morelli, Petaluma.	Difference----	(12-11-13)	+1,696	+.3	+107
ARGILLA GASCON 294938----------	6 daughters---	6	7,093	5.3	373
Born, 6-28-40; proved, 5-26-47;----; Maine.	6 dams--------	10	7,689	5.4	415
Sire, 267617; dam, 554929.	Difference----	(2-4-3)	-596	-.1	-42
Herd Owner, Harvey W. Gilbert & Son, Farmington.					
ASHMERE'S DUKE'S DESTINY 281091----------	5 daughters---	9	7,855	4.7	368
Born, 7-10-39; proved, 5-29-47;----; Idaho.	5 dams--------	10	6,800	5.3	358
Sire, 219086; dam, 486308.	Difference----	(4-0-4)	+1,055	-.6	+10
Herd Owner, W. Lester Hendrix, Meridian.					
BAYVILLE MAXIM'S COOPERATOR 293086----------	9 daughters---	10	5,830	4.9	284
Born, 8-7-39; proved, 5-28-47;----; Va.	6 daughters---	6	5,818	4.8	276
Sire, 263703; dam, 516945.	6 dams--------	17	6,692	4.4	297
Herd Owner, Mrs. E. F. Hartman, Waynesboro.	Difference----	(2-5-3)	-874	+.4	-21
BEACON'S JUPITER OF IOWA 300291----------	11 daughters--	16	7,521	4.8	364
Born, 11-7-40; proved, 5-15-47;----; Iowa.	11 dams-------	45	7,394	4.1	300
Sire, 228398; dam, 460894.	Difference----	(5-11-9)	+127	+.7	+64
Herd Owner, Fred Steege, Maynard.					
BEAU BRUMMEL'S MAJESTY 274187----------	11 daughters--	14	7,764	4.8	373
Born, 2-8-39; proved, 5-29-47;----; Wis.	9 daughters---	12	7,579	4.8	364
Sire, 249620; dam, 367156.	9 dams--------	37	6,934	4.8	334
Herd Owner, Otis I. Berge & Son, Valders.	Difference----	(7-6-7)	+645	.0	+30
BELL BUOY OF THE PINES 263817----------	10 daughters--	25	6,333	5.2	328
Born, 3-11-38; proved, 5-28-47;----; Minn.	9 daughters---	24	6,253	5.2	325
Sire, 227922; dam, 331058.	9 dams--------	47	8,012	4.7	373
Herd Owner, Homer Goss, Lewiston.	Difference----	(1-8-2)	-1,759	+.5	-48

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BESSIE'S BUOY OF EAGLE POINT 285543----------	7 daughters---	9	7,105	5.1	364
Born, 1-8-40; proved, 5-28-47;----; Wis.	6 daughters---	8	7,257	5.1	373
Sire, 218378; dam, 505443.	6 dams--------	24	6,628	5.1	337
Herd Owner, Emil Mayer & Son, Bruce.	Difference----	(5-4-5)	+629	.0	+36
BETHANY WISTAR'S SUNNY 295000----------	5 daughters---	6	7,841	5.4	424
Born, 8-5-40; proved, 5-29-47;----; Pa.	5 dams--------	16	7,190	5.3	381
Sire, 236556; dam, 370587.	Difference----	(4-4-4)	+651	+.1	+43
Herd Owner, C. R. Hartzell, Butler.					
BETTY'S GOLDEN PROGRESS 301578----------	6 daughters---	6	8,254	4.7	391
Born, 12-24-40; proved, 5-13-47;----; Pa.	6 dams--------	21	10,456	4.7	489
Sire, 267492; dam, 264729.	Difference----	(1-5-1)	-2,202	.0	-98
Herd Owner, Bailey Walker, Sandy Lake.					
BOULDER BRIDGE ARGUS 274629----------	14 daughters--	21	6,100	4.7	289
Born, 5-3-39; proved, 5-29-47;----; Minn.	9 daughters---	13	5,826	4.8	278
Sire, 192481; dam, 497320.	9 dams--------	22	6,897	4.4	302
Herd Owner, Paul Fritsche, New Ulm.	Difference----	(3-6-3)	-1,071	+.4	-24
BOULDER BRIDGE BUTTERBOY 211289----------	9 daughters---	28	8,255	4.8	398
Born, 2-27-33; proved, 5-21-47;----; Wis.	5 daughters---	14	8,358	4.7	395
Sire, 192481; dam, 211262.	5 dams--------	12	7,670	4.8	370
Herd Owner, Harvey S. Chrysler, Osseo.	Difference----	(4-2-3)	+688	-.1	+25
BOULDER BRIDGE GALAHAD 298824----------	10 daughters--	10	7,851	5.1	402
Born, 9-4-40; proved, 5-23-47;----; Ill.	10 dams-------	30	7,289	5.0	366
Sire, 259502; dam, 406609.	Difference----	(6-5-5)	+562	+.1	+36
Herd Owner, Rolling Acres, Elgin.					
BOULDER BRIDGE GOLDDROP 267859----------	10 daughters--	11	8,376	5.0	415
Born, 6-6-38; proved, 5-7-47; dead; Minn.	6 daughters---	7	9,017	4.7	426
Sire, 216336; dam, 477997.	6 dams--------	8	6,758	5.0	338
Herd Owner, Elmcrest Farm, Hopkins.	Difference----	(6-1-4)	+2,259	-.3	+88
BOULDER BRIDGE GUARDIAN 213617----------	10 daughters--	20	6,361	4.6	291
Born, 4-7-33; proved, 5-28-47;----; Iowa.	7 daughters---	10	6,228	4.6	285
Sire, 128541; dam, 232533.	7 dams--------	31	7,408	5.1	377
Herd Owner, Oscar Horvei, Lake Mills.	Difference----	(1-0-0)	-1,180	-.5	-92
BUTTER BUOY OF EAGLE POINT 293395----------	9 daughters---	10	6,972	5.3	370
Born, 2-24-39; proved, 5-29-47;----; Wis.	8 daughters---	9	6,922	5.3	368
Sire, 218378; dam, 233469.	8 dams--------	40	7,181	5.1	363
Herd Owner, Herman Clausen & Son, Bruce.	Difference----	(4-7-5)	-259	+.2	+.5
CATHEDRAL MASTERPIECE 292903----------	8 daughters---	9	6,813	4.8	327
Born, 2-22-40; proved, 5-26-47;----; Pa.	7 daughters---	8	6,786	4.9	332
Sire, 233706; dam, 389284.	7 dams--------	25	7,877	4.7	369
Herd Owner, Locust Lane Farm, Beech Creek.	Difference----	(2-6-2)	-1,091	+.2	-37
CATHEDRAL ROXANA'S ROYAL 207357----------	17 daughters--	41	7,213	4.7	340
Born, 10-22-32; proved, 5-15-47;----; N. Y.	6 daughters---	22	7,238	4.5	329
Sire, 159031; dam, 315486.	6 dams--------	7	7,553	4.7	358
Herd Owner, L. D. Hansen, South Valley.	Difference----	(1-1-1)	-315	-.2	-29
CHAUTAUQUA RED MAN 256799----------	5 daughters---	16	6,285	5.8	363
Born, 12-16-36; proved, 5-1-47;----; N. Y.	5 dams--------	13	7,718	5.2	399
Sire, 128210; dam, 477076.	Difference----	(0-5-0)	-1,433	+.6	-36
Herd Owner, Clayton G. White, Stow.					
CHEQUAMEGON'S STAR GAZER 292705----------	5 daughters---	9	6,764	4.6	312
Born, 12-2-39; proved, 5-8-47; dead; Mich.	5 dams--------	19	8,205	4.3	354
Sire, 249141; dam, 319169.	Difference----	(0-4-1)	-1,441	+.3	-42
Herd Owner, E. William Erickson, Ironwood.					
CHICONA MADRONE 209793----------	8 daughters---	20	7,945	4.7	376
Born, 2-14-33; proved, 5-23-47;----; Wash.	7 daughters---	17	7,742	4.7	366
Sire, 133584; dam, 154597.	7 dams--------	16	7,036	5.0	349
Herd Owner, Sidney Butts, Cinebar.	Difference----	(4-2-4)	+706	-.3	+17
COAST GUARD'S COMMANDER 325602----------	5 daughters---	5	8,340	4.3	359
Born, 7-25-40; proved, 5-1-47; dead; N. J.	5 dams--------	22	9,532	4.4	422
Sire, 239731; dam, 537382.	Difference----	(2-3-1)	-1,192	-.1	-63
Herd Owner, Joseph E. Wardell & Son, Neptune.					
CORNELL BARBARIAN KING 251242----------	6 daughters---	8	6,830	5.0	343
Born, 1-12-37; proved, 5-7-47; dead; N. Y.	6 dams--------	13	6,653	4.7	314
Sire, 229043; dam, 430891.	Difference----	(4-5-4)	+177	+.3	+29
Owner, New York Co-op. A. B. A., Inc.					
CORNELL PATRIOT ADVANCER 273252----------	10 daughters--	13	7,766	4.8	376
Born, 10-31-38; proved, 5-15-47; dead; N. Y.	9 daughters---	12	8,050	4.8	390
Sire, 245194; dam, 367003.	9 dams--------	39	8,614	4.9	419
Herd Owner, Highgate Farm, Ithaca.	Difference----	(3-5-3)	-564	-.1	-29

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CORONATION AMBER 262919----------	12 daughters--	18	8,401	4.7	399
Born, 2-10-38; proved, 5-29-47;----; Vt.	8 daughters---	13	8,663	4.8	413
Sire, 241114; dam, 398727.	8 dams--------	23	8,067	4.6	368
Herd Owner, Karl M. Sweet Estate, Vernon.	Difference----	(4-6-6)	+596	+.2	+45
DAMSON'S WILL OF M. H. 215258----------	8 daughters---	9	6,529	5.1	335
Born, 8-5-33; proved, 5-21-47;----; Maine.	8 dams--------	26	7,373	4.9	360
Sire, 183959; dam, 307371.	Difference----	(2-6-3)	-844	+.2	-25
Herd Owner, Laudholm Farms, Wells.					
ELMWOOD FARMS MAJOR'S MARVEL 279265----------	5 daughters---	5	6,323	5.2	331
Born, 5-24-39; proved, 5-7-47; alive; N. Y.	5 dams--------	11	8,603	4.8	410
Sire, 214348; dam, 439002.	Difference----	(0-5-2)	-2,280	+.4	-79
Herd Owner, Charles Oaks, North Rose.					
ETH-MEAD SHAH 297876----------	6 daughters---	6	9,058	4.8	435
Born, 7-31-40; proved, 5-21-47;----; Mich.	6 dams--------	15	8,827	4.9	437
Sire, 97043; dam, 450615.	Difference----	(2-3-3)	+231	-.1	- 2
Herd Owner, Earle Gordon, Sodus.					
EVERGREEN'S BUTTERFAT VIKING 283099----------	8 daughters---	12	7,165	5.3	378
Born, 12-8-39; proved, 5-21-47;----; Minn.	6 daughters---	9	7,118	5.3	377
Sire, 225497; dam, 538866.	6 dams--------	23	6,706	4.6	309
Herd Owner, Porter Olstad, Hanska.	Difference----	(4-6-6)	+412	+.7	+68
FAIR FIELD LOQUACIOUS 271644----------	10 daughters--	16	7,645	4.9	378
Born, 1-24-37; proved, 5-28-47;----; Vt.	10 dams--------	58	8,125	4.9	398
Sire, 245741; dam, 418075.	Difference----	(3-6-4)	-480	.0	-20
Herd Owner, A. R. Moody & Sons, Jacksonville.					
FOREMOST FEARLESS 245201----------	7 daughters---	7	8,770	4.7	415
Born, 10-1-36; proved, 5-13-47;----; Va.	7 dams--------	24	9,056	4.6	413
Sire, 185651; dam, 346267.	Difference----	(4-5-3)	-286	+.1	+ 2
Herd Owner, Rhodes & Whissen, Broadway.					
FOREMOST HITLER 270856----------	9 daughters---	17	9,055	4.3	385
Born, 6-27-37; proved, 5-13-47;----; N. Y.	6 daughters---	10	10,211	4.0	409
Sire, 229913; dam, 441782.	6 dams--------	9	12,915	3.3	429
Herd Owner, A. C. Muller, Pawling.	Difference----	(1-5-2)	-2,704	+.7	-20
FOREMOST MERCURY 285222----------	5 daughters---	6	9,058	5.0	455
Born, 8-17-39; proved, 5-28-47;----; Mo.	5 dams--------	13	9,526	5.0	473
Sire, 260091; dam, 567998.	Difference----	(3-3-2)	-468	.0	-18
Herd Owner, A. N. Wagemann, Billings.					
FOX DEAN'S SLOGAN 268994----------	11 daughters--	12	7,622	4.8	368
Born, 1-20-39; proved, 5-8-47; dead; Md.	10 daughters--	11	7,655	4.8	367
Sire, 193735; dam, 308385.	10 dams--------	52	7,711	4.7	359
Herd Owner, Ann M. Carrere, Havre de Grace.	Difference----	(5-7-7)	- 56	+.1	+ 8
FRANCHESTER SEIGNOR 277420----------	10 daughters--	12	7,218	4.9	353
Born, 3-14-39; proved, 5-13-47;----; Iowa.	5 daughters---	7	7,227	4.9	354
Sire, 97043; dam, 396299.	5 dams--------	18	7,950	4.5	357
Herd Owner, Stevens & Morain Dairy, Ottumwa.	Difference----	(2-4-2)	-723	+.4	- 3
FREEGROVE ROYAL PRINCE 324285----------	7 daughters---	8	8,504	5.4	458
Born, 12-25-38; proved, 5-22-47;----; Va.	7 dams--------	13	7,660	5.0	383
Sire, 208942; dam, 372901.	Difference----	(3-5-6)	+844	+.4	+75
Herd Owner, J. N. Jackson, Staunton.					
FRITZLYN FAITHFUL GENIUS 286168----------	7 daughters---	8	9,101	5.0	458
Born, 3-31-40; proved, 5-23-47;----; Iowa.	6 daughters---	7	8,624	5.1	437
Sire, 200897; dam, 365434.	6 dams--------	22	7,892	4.8	378
Herd Owner, Kregel & Lange, Garnavillo.	Difference----	(5-4-5)	+732	+.3	+59
GRACE'S VALOR'S REX MASTERMAN 281131----------	5 daughters---	9	7,857	4.4	342
Born, 11-27-39; proved, 5-29-47;----; Iowa.	5 dams--------	15	8,552	4.9	422
Sire, 235853; dam, 496995.	Difference----	(1-1-1)	-695	-.5	-80
Herd Owner, Fred Gingerich, Parnell.					
HILL GIRT ARCHER 272083 *----------	6 daughters---	6	9,282	4.6	423
Born, 12-8-38; proved, 3-17-47; alive; Iowa.	6 dams--------	18	9,196	4.6	426
Sire, 206358; dam, 399393.	Difference----	(2-3-2)	+ 86	.0	- 3
Herd Owner, Lakeside Farm, Marion.					
HILLSIDE FARM'S ROYAL ROBERT 289726----------	9 daughters---	18	8,322	4.7	388
Born, 12-20-37; proved, 5-29-47;----; N. Y.	8 daughters---	17	7,960	4.8	382
Sire, 238115; dam, 491041.	8 dams--------	29	8,660	4.7	411
Herd Owner, Shepherd & Jensen, Stanley.	Difference----	(2-5-1)	-700	+.1	-29
HOME ACRES RED CHIEF 231006----------	13 daughters--	24	7,100	4.5	320
Born, 7-22-35; proved, 5-6-47; dead; N. Y.	8 daughters---	14	7,391	4.4	326
Sire, 144849; dam, 189622.	8 dams--------	15	7,367	4.4	326
Herd Owner, Arthur Merle & Sons, Attica.	Difference----	(3-4-3)	+ 24	.0	0

* Listed incorrectly as Fine Actor of Brooke's Cross 272083.

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
IDYLBROOK CHERIO 289248----------	7 daughters---	9	9,015	5.1	460
Born, 2-17-40; proved, 5-27-47;----; N. Y.	5 daughters---	6	8,779	5.1	452
Sire, 170611; dam, 447252.	5 dams--------	22	8,728	5.1	441
Herd Owner, F. W. Moffett, Rochester.	Difference----	(2-5-2)	+ 51	.0	+11
JONACRE CORONET MAJESTY 297507----------	6 daughters---	6	7,425	4.8	360
Born, 5-23-40; proved, 5-13-47;----; Minn.	6 dams--------	16	8,162	4.6	376
Sire, 255925; dam, 523539.	Difference----	(3-4-3)	-737	+.2	-16
Herd Owner, L. C. Anderson, Fairmont.					
KENMOOR JUMBO 297040----------	8 daughters---	10	9,798	4.5	439
Born, 2-26-36; proved, 5-23-47;----; Wis.	8 dams--------	35	8,080	5.0	407
Sire, 225098; dam, 405963.	Difference----	(6-1-5)	+1,718	-.5	+32
Herd Owner, W. C. Schulter, Reedsburg.					
LAKESIDE DOLLAR 272488----------	7 daughters---	12	8,383	4.7	397
Born, 11-12-38; proved, 5-15-47;----; N. Y.	6 daughters---	9	8,034	4.8	382
Sire, 251445; dam, 303522.	6 dams--------	20	8,856	4.7	412
Herd Owner, Sunny Slope Farm, Ithaca.	Difference----	(2-4-3)	-822	+.1	-30
LANGWATER GRENADIER 252156----------	20 daughters--	35	9,537	4.8	456
Born, 3-21-37; proved, 5-1-47; alive; N. Y.	17 daughters--	28	9,380	4.9	458
Sire, 160256; dam, 396688.	17 dams-------	55	9,679	4.8	464
Herd Owner, Fred H. Gordon, Brockport.	Difference----	(7-11-8)	-299	+.1	- 6
LANGWATER RISING SUN 206935----------	9 daughters---	17	8,491	4.7	398
Born, 10-30-32; proved, 5-21-47;----; Pa.	5 daughters---	8	8,726	4.9	424
Sire, 166128; dam, 321307.	5 dams--------	20	9,634	4.6	444
Herd Owner, Phillip J. Baur, Spring House.	Difference----	(1-4-3)	-908	+.3	-20
LISETER BELLA'S HARDFAST 279601----------	7 daughters---	7	7,544	5.1	385
Born, 3-11-39; proved, 5-29-47;----; Pa.	5 daughters---	5	8,229	5.0	414
Sire, 238697; dam, 434403.	5 dams--------	20	7,939	4.9	385
Herd Owner, Liseter Farm, Newtown Square.	Difference----	(3-3-3)	+290	+.1	+29
MAGGIE'S SUNNY OF LOCUST LANE 307949----------	9 daughters---	11	7,392	4.7	350
Born, 11-3-37; proved, 5-22-47;----; N. J.	8 daughters---	10	7,345	4.8	349
Sire, 128826; dam, 192453.	8 dams--------	24	7,604	4.6	352
Herd Owner, George H. Preidel, Columbus.	Difference----	(3-4-3)	-259	+.2	- 3
MAJESTY OF HICKORY RIDGE 302342----------	9 daughters---	10	6,519	4.8	314
Born, 1-6-41; proved, 5-29-47;----; Pa.	8 daughters---	9	6,522	4.8	312
Sire, 259566; dam, 576368.	8 dams--------	22	7,438	5.3	391
Herd Owner, Jesse L. Hutton, Mahaffey.	Difference----	(1-0-0)	-916	-.5	-79
MARSHALLVALE VALOR 248809----------	10 daughters--	16	9,318	4.6	427
Born, 1-25-37; proved, 5-1-47; alive; Md.	8 daughters---	11	9,733	4.7	457
Sire, 226065; dam, 340223.	8 dams--------	27	7,699	4.8	369
Herd Owner, Doughoregan Manor, Ellicott City.	Difference----	(6-3-7)	+2,034	-.1	+88
MASTERFUL'S JOHN OF HILLSIDE 260741 *9----------	16 daughters--	34	9,371	4.9	458
Born, 4-23-38; proved, 5-15-47;----; Pa.	16 dams-------	89	9,141	4.6	424
Sire, 207765; dam, 394960.	Difference----	(10-13-11)	+230	+.3	+34
Herd Owner, R.W.Smith & Brothers, Hollidaysburg.					
MCDONALD FARMS FORCEFUL 308216----------	9 daughters---	9	7,792	4.9	382
Born, 12-17-40; proved, 5-29-47;----; Wis.	8 daughters---	8	7,801	4.8	377
Sire, 212939; dam, 523724.	8 dams--------	17	8,452	4.6	390
Owner, Vernon Co-op. A. B. A.	Difference----	(4-5-4)	-651	+.2	-13
MCDONALD FARMS GOLD DUST 312696----------	7 daughters---	7	6,354	4.9	313
Born, 2-17-41; proved, 5-12-47; dead; Maine.	7 dams--------	35	7,639	5.1	388
Sire, 233983; dam, 539702.	Difference----	(2-3-0)	-1,285	-.2	-75
Herd Owner, University of Maine, Orono.					
MEADOW SPRING PREMIER 234216----------	13 daughters--	22	6,826	4.8	328
Born, 1-5-36; proved, 5-29-47;----; Pa.	9 daughters---	17	6,792	4.7	320
Sire, 163100; dam, 327057.	9 dams--------	20	6,836	4.8	329
Herd Owner, A. Ira Gemberling, Selinsgrove.	Difference----	(5-4-5)	- 44	-.1	- 9
MOBJACK DIXIE FASHION 274377----------	6 daughters---	10	8,620	4.5	390
Born, 10-2-38; proved, 5-1-47;----; Va.	6 dams--------	31	8,073	4.4	358
Sire, 183245; dam, 530414.	Difference----	(4-3-5)	+547	+.1	+32
Herd Owner, T. E. Jamison, Buchanan.					
MURRAY'S SIR HARRIMAN 290518----------	5 daughters---	6	10,432	4.8	503
Born, 7-19-40; proved, 5-26-47;----; Ill.	5 dams--------	17	7,687	5.1	393
Sire, 248697; dam, 530189.	Difference----	(4-2-5)	+2,745	-.3	+110
Herd Owner, Corn Blossom Farm, Arlington Heights.					
NESSA'S INDEPENDENT OF MERCER 294537----------	8 daughters---	14	6,016	5.0	301
Born, 10-30-40; proved, 5-29-47;----; N. J.	7 daughters---	12	6,055	5.0	300
Sire, 262522; dam, 468454.	7 dams--------	13	7,466	4.8	359
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference----	(2-5-2)	-1,411	+.2	-59

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
NORJAC'S RAIDER OF LAZYLANDS 253382----------	5 daughters---	5	6,887	4.7	326
Born, 5-10-37; proved, 5-1-47;----; N. Y.	5 dams--------	14	7,436	4.5	334
Sire, 177985; dam, 261588.	Difference----	(2-4-2)	-549	+.2	- 8
Herd Owner, C. Ely Wickham, Burdett.					
NORMANDY KING PREMIER 291657----------	9 daughters---	9	7,776	5.1	399
Born, 12-28-39; proved, 5-1-47;----; Ind.	6 daughters---	6	7,698	5.1	393
Sire, 238549; dam, 477991.	6 dams--------	22	8,796	4.7	412
Herd Owner, Siebenthal Brothers, Wolcott.	Difference----	(2-5-3)	-1,098	+.4	-19
OAKWOOD PAT 277260----------	6 daughters---	7	6,409	5.0	320
Born, 9-20-38; proved, 5-29-47;----; Pa.	6 dams--------	22	7,061	4.9	346
Sire, 201118; dam, 251291.	Difference----	(1-3-3)	-652	+.1	-26
Herd Owner, Harold R. Andrews, Stillwater.					
OLD FARMSTEAD LEO 296793----------	5 daughters---	6	8,794	4.6	402
Born, 8-31-40; proved, 5-13-47;----; Iowa.	5 dams--------	23	6,873	4.8	331
Sire, 270075; dam, 473587.	Difference----	(4-0-4)	+1,921	-.2	+71
Herd Owner, G.A.Busse & Alfred Streicher,Lamont.					
OLLIMAC PRESIDENT'S HOPEFUL 302597----------	9 daughters---	10	8,139	4.8	393
Born, 6-15-39; proved, 5-1-47;----; Calif.	8 daughters---	8	8,144	4.9	397
Sire, 227427; dam, 431782.	8 dams--------	22	6,149	5.1	313
Herd Owner, C. M. Morelli, Petaluma.	Difference----	(6-3-6)	+1,995	-.2	+84
PINE MANOR KING'S MAGIC 301315----------	9 daughters---	9	7,688	5.6	431
Born, 11-14-40; proved, 5-23-47;----; Ind.	9 dams--------	36	7,980	5.5	437
Sire, 250949; dam, 598019.	Difference----	(3-6-5)	-292	+.1	- 6
Herd Owner, Kirkpatrick Scott & Sons, Muncie.					
PROGRESSOR'S PETERKIN OF M. H. 285577----------	6 daughters---	6	8,337	4.5	373
Born, 3-9-40; proved, 5-28-47;----; Maine.	5 daughters---	5	8,832	4.5	399
Sire, 231583; dam, 519271.	5 dams--------	5	7,379	5.0	369
Herd Owner, Earland Goodhue, Oakland.	Difference----	(5-0-4)	+1,453	-.5	+30
PROUD STAR OF SPRING RIDGE 233852----------	5 daughters---	11	6,823	5.2	356
Born, 9-7-35; proved, 5-29-47;----; Wis.	5 dams--------	10	7,009	5.0	350
Sire, 153959; dam, 235102.	Difference----	(2-4-2)	186	+.2	+ 6
Herd Owner, Archie D. Jenkins, North Prairie.					
PURITY'S CELIA'S ROYAL 288049----------	9 daughters---	11	8,589	4.6	398
Born, 1-9-40; proved, 5-29-47;----; Pa.	7 daughters---	9	8,644	4.6	396
Sire, 198229; dam, 327167.	7 dams--------	49	7,347	4.7	342
Herd Owner, Dr. Edward A. Webb, Avondale.	Difference----	(6-4-6)	+1,297	-.1	+54
QUAIL ROOST KING VALOR 296197----------	9 daughters---	11	9,311	4.8	450
Born, 9-8-40; proved, 5-13-47;----; Va.	9 dams--------	35	9,015	4.4	396
Sire, 215828; dam, 408689.	Difference----	(4-8-5)	+296	+.4	+34
Herd Owner, Beaver Dam Dairy, Buchanan.					
REX OF M. H. 215257----------	11 daughters--	12	6,251	4.9	308
Born, 7-5-33; proved, 5-21-47;----; Maine.	8 daughters---	8	6,330	4.9	312
Sire, 170917; dam, 313586.	8 dams--------	30	6,927	4.8	332
Herd Owner, Russell Foster, Augusta.	Difference----	(2-4-3)	-597	+.1	-20
RITZLYN FARM COMMANDER 284604----------	6 daughters---	6	8,467	4.9	412
Born, 10-27-39; proved, 5-28-47;----; Iowa.	6 dams--------	22	7,755	4.8	373
Sire, 247402; dam, 360983.	Difference----	(4-4-4)	+712	+.1	+39
Herd Owner, Henry Frier, Reinbeck.					
ROCKINGHAM PRINCE ROYAL 270930----------	17 daughters--	26	7,910	4.7	374
Born, 2-11-38; proved, 5-1-47;----; Pa.	17 dams-------	56	8,562	4.9	418
Sire, 170277; dam, 439111.	Difference----	(6-4-5)	-652	-.2	-44
Herd Owner, Donald J. McCullough, Newville.					
ROMANY WOODS ROYAL 302812----------	6 daughters---	6	8,460	5.1	429
Born, 9-29-39; proved, 5-15-47;----; Mich.	6 dams--------	22	9,478	4.8	456
Sire, 250855; dam, 491358.	Difference----	(1-3-2)	-1,018	+.3	-27
Herd Owner, H. R. Hodges & Son, Rochester.					
ROSYMORN PHILOSOPHER'S HERMAN 299070----------	6 daughters---	6	6,799	4.6	314
Born, 10-15-40; proved, 5-23-47;----; Ill.	6 dams--------	27	8,163	4.8	388
Sire, 268402; dam, 611341.	Difference----	(1-3-0)	-1,364	-.2	-74
Herd Owner, Bland B. Bridges, Chatham.					
ROYAL LEADER OF ELDERBROOK 285124----------	7 daughters---	7	6,861	5.2	357
Born, 10-14-39; proved, 5-29-47;----; Wis.	7 dams--------	19	7,048	5.2	364
Sire, 247725; dam, 469452.	Difference----	(3-4-3)	-187	.0	- 7
Herd Owner, Bert Congdon, Galesville.					
SAUGERTIES IMPERIOUS 305979----------	9 daughters---	10	8,320	5.1	428
Born, 7-16-40; proved, 5-7-47;----; N. Y.	9 dams--------	40	7,072	4.8	339
Sire, 218317; dam, 243366.	Difference----	(8-8-9)	+1,248	+.3	+89
Herd Owner, John H. Saxe, Kingston.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SAVERY'S HOLLISTON 248212----------	17 daughters--	26	7,854	4.5	357
Born, 4-9-37; proved, 5-29-47;----; Vt.	7 daughters---	11	7,806	4.6	362
Sire, 228879; dam, 501930.	7 dams--------	22	6,365	4.9	312
Herd Owner, Drew Bisbee, Moretown.	Difference----	(6-1-5)	+1,441	-.3	+50
SENATOR'S SNOWDROP OF GLEN ROY 294300----------	8 daughters---	13	7,862	4.8	380
Born, 12-14-37; proved, 5-29-47;----; Md.	6 daughters---	9	7,670	4.8	368
Sire, 227559; dam, 456220.	6 dams--------	16	8,507	4.5	383
Herd Owner, T. A. Mann, Randallstown.	Difference----	(2-4-3)	-837	+.3	-15
SHAMROCK'S TROJAN OF SUHROGATE 292662----------	7 daughters---	13	7,817	4.5	350
Born, 1-11-39; proved, 5-28-47;----; Ariz.	6 daughters---	11	7,650	4.5	346
Sire, 221195; dam, 416394.	6 dams--------	26	7,689	4.5	347
Herd Owner, Shamrock Dairy, Tucson.	Difference----	(3-3-3)	- 39	.0	- 1
SHERWOOD FOREST DON 281163----------	12 daughters--	12	8,316	4.7	394
Born, 8-16-39; proved, 5-1-47; alive; Va.	12 dams-------	32	8,388	4.9	411
Sire, 225916; dam, 303508.	Difference----	(6-5-4)	- 72	-.2	-17
Herd Owner, W. S. Dickinson, Fredericksburg.					
SHERWOOD FOREST KAMA 252524----------	16 daughters--	26	7,571	5.0	381
Born, 6-7-37; proved, 5-28-47;----; N. Y.	15 daughters--	24	7,521	5.0	379
Sire, 212038; dam, 354790.	15 dams-------	48	7,828	5.1	399
Herd Owner, J. J. Morgan, Canadaigua.	Difference----	(6-9-5)	-307	-.1	-20
SHOW BOY OF FAHRNWALD 285018----------	5 daughters---	7	6,389	4.6	294
Born, 1-12-39; proved, 5-29-47;----; Wis.	5 dams--------	20	7,471	4.5	339
Sire, 239142; dam, 224350.	Difference----	(0-3-0)	-1,082	+.1	-45
Herd Owner, E. A. Nelson, Neenah.					
SILVER-FOREST HARDEN 304855----------	11 daughters--	15	5,462	5.1	280
Born, 10-27-39; proved, 5-26-47;----; N. Y.	7 daughters---	9	5,388	5.3	283
Sire, 262523; dam, 556818.	7 dams--------	15	6,437	4.7	306
Herd Owner, Harold S. Dennison, Jamestown.	Difference----	(1-7-2)	-1,049	+.6	-23
SILVER-FOREST HAROLD 258031----------	12 daughters--	24	6,318	5.3	337
Born, 8-10-36; proved, 5-2-47;----; N. Y.	11 daughters--	22	6,289	5.3	331
Sire, 201915; dam, 408878.	11 dams-------	35	6,188	5.0	306
Herd Owner, Harold S. Dennison, Jamestown.	Difference----	(6-8-7)	+101	+.3	+25
SONJA'S SKATER 301062----------	7 daughters---	9	7,546	5.1	386
Born, 8-8-39; proved, 5-15-47;----; Wis.	7 dams--------	26	8,508	4.9	413
Sire, 189889; dam, 579724.	Difference----	(1-5-3)	-962	+.2	-27
Herd Owner, J. G. Skinner, Barron.					
STARR FARM COMBINATION 269533----------	8 daughters---	8	8,827	4.9	430
Born, 4-23-38; proved, 5-15-47;----; Ind.	6 daughters---	6	9,033	4.9	447
Sire, 160703; dam, 506652.	6 dams--------	13	7,948	5.3	417
Herd Owner, Heber Haynes & Sons, Garrett.	Difference----	(4-2-3)	+1,085	-.4	+30
TALINONA VAGABOND 308536----------	7 daughters---	7	7,397	4.9	364
Born, 2-16-41; proved, 5-7-47;----; Pa.	6 daughters---	6	7,575	4.9	371
Sire, 231275; dam, 340226.	6 dams--------	17	8,351	4.7	394
Herd Owner, Talinona Farms, Bowmansdale.	Difference----	(3-4-3)	-776	+.2	-23
WALDORF R. S. CLAREMONT 247136----------	5 daughters---	11	7,752	4.8	369
Born, 3-14-36; proved, 5-1-47; dead; N. Y.	5 dams--------	14	7,406	5.3	396
Sire, 213048; dam, 383166.	Difference----	(3-1-3)	+346	-.5	-27
Herd Owner, Edward T. Reeves, Baldwinsville.					
WELCOME-IN MACON 313948----------	8 daughters---	11	7,519	4.6	348
Born, 1-1-40; proved, 5-23-47;----; Ohio.	8 dams--------	26	7,772	4.7	364
Sire, 241630; dam, 501945.	Difference----	(3-5-2)	-253	-.1	-16
Herd Owner, E. A. Edelblute & Sons, Ostrander.					
WEY ACRES DONALD'S MERIT 237407 *10----------	12 daughters--	23	7,550	4.7	355
Born, 11-17-35; proved, 5-22-47;----; Minn.	8 daughters---	17	7,278	4.8	347
Sire, 209349; dam, 340049.	8 dams--------	19	8,852	4.8	424
Owner, Polk Co. A. B. A., Wis.	Difference----	(2-5-3)	-1,574	.0	-77
WILEMA'S PROFESSOR 285239----------	7 daughters---	13	7,539	4.5	341
Born, 4-20-39; proved, 5-1-47; dead; Ohio.	7 dams--------	12	7,621	4.5	345
Sire, 250198; dam, 300466.	Difference----	(3-4-2)	- 82	.0	- 4
Herd Owner, Walter F. Renz, Lima.					
WYNOLA MARQUIS 309663----------	5 daughters---	5	8,750	4.7	413
Born, 1-31-41; proved, 5-9-47; dead; Iowa.	5 dams--------	18	6,701	4.9	328
Sire, 262344; dam, 555112.	Difference----	(4-2-3)	+2,049	-.2	+85
Herd Owner, C. G. Lawyer, Marble Rock.					
262301----------	9 daughters---	14	6,083	4.7	287
Born, 3-19-37; proved, 5-23-47;----; N. Y.	9 dams--------	30	6,329	4.8	305
Sire, 170426; dam, 304632.	Difference----	(5-4-4)	-246	-.1	-18
Herd Owner, V. M. Butterfield, Brockport.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
284536----------	6 daughters---	6	7,568	4.8	364
Born, ----; proved, 5-29-47;----; Conn.	5 daughters---	5	7,449	4.7	351
Sire, ----; dam, ----.	5 dams--------	7	8,541	5.0	431
Herd Owner, Hamlet Hill Farm, Salisbury.	Difference----	(2-2-0)	-1,092	-.3	-80
285706----------	9 daughters---	11	7,338	4.4	326
Born, ----; proved, 5-28-47;----; W. Va.	9 dams--------	31	7,861	4.6	362
Sire, ----; dam, ----.	Difference----	(3-3-1)	-523	-.2	-36
Herd Owner, C. Herbert Hunter, Point Marion,Pa.					
13-A1999 (DHIA EARTAG)----------	8 daughters---	11	6,907	5.0	343
Born, ----; proved, 5-22-47;----; Vt.	8 dams--------	34	7,883	4.6	359
Sire, ----; dam, ----.	Difference----	(3-7-4)	-976	+.4	-16
Herd Owner, Clyde B. Douglas, Chester.					
13*50183 (BANGS OR TB EARTAG)----------	8 daughters---	10	6,785	5.3	360
Born, ----; proved, 5-16-47;----; Vt.	7 daughters---	9	6,866	5.3	364
Sire, ----; dam, ----.	7 dams--------	26	7,428	4.6	338
Herd Owner, John O. Edwards, Chester.	Difference----	(2-7-4)	-562	+.7	+26
52*Z703005 (BANGS OR TB EARTAG)----------	6 daughters---	7	8,609	4.5	388
Born, ----; proved, 5-16-47;----; Va.	6 dams--------	19	9,046	4.6	418
Sire, ----; dam, ----.	Difference----	(3-3-3)	-437	-.1	-30
Herd Owner, Pleasant Valley Farm, Hamilton.					

HOLSTEIN SIRES

AAGGIE CANARY PIEBE 803502----------	7 daughters---	10	10,959	3.4	374
Born, 1-15-40; proved, 5-27-47;----; Ill.	5 daughters---	7	10,515	3.4	358
Sire, 723356; dam, 1748555.	5 dams--------	9	11,705	3.3	382
Herd Owner, Louis Holm, Mokena.	Difference----	(1-4-2)	-1,190	+.1	-24
ABBEKERK RAG APPLE JOHANNA 779325----------	9 daughters---	15	9,998	3.6	355
Born, 1-28-39; proved, 5-9-47;----; Ill.	9 dams--------	35	10,986	3.4	377
Sire, 757566; dam, 1641638.	Difference----	(4-8-5)	-988	+.2	-22
Herd Owner, Oblate Farm, Belleville.					
ABEGWEIT IRON DUKE 825110----------	9 daughters---	9	11,778	3.7	442
Born, 9-6-40; proved, 5-29-47;----; Mich.	6 daughters---	6	11,723	3.7	437
Sire, 121572 CHB.; dam, 320415 CHB.	6 dams--------	15	12,419	3.5	432
Herd Owner, Howard B. Olmstead, Bronson.	Difference- --	(3-5-4)	-696	+.2	+ 5
ACKERHURST KING BESSIE VEEMAN 744419----------	6 daughters---	8	10,787	3.8	408
Born, 4-16-34; proved, 5-8-47;----; Mass.	5 daughters---	6	10,606	3.8	401
Sire, 621271; dam, 916782.	5 dams--------	13	11,567	3.8	436
Herd Owner, Essex County Agricultural School, Hathorne.	Difference----	(2-4-2)	-961	.0	-35
AL-RUBY FOBES OLLIE HOMESTEAD 755196----------	7 daughters---	17	12,710	3.8	485
Born, 10-27-37; proved, 5-15-47;----; N. J.	7 dams--------	31	11,222	3.6	399
Sire, 676025; dam, 1743522.	Difference----	(6-7-6)	+1,488	+.2	+86
Herd Owner, John Toth, Phillipsburg.					
ANDERSON FARM INKA BEETS 773303----------	8 daughters---	15	11,820	3.5	413
Born, 1-21-39; proved, 5-14-47;----; Pa.	6 daughters---	10	11,721	3.4	399
Sire 733415; dam, 1577046.	6 dams--------	7	11,360	3.4	384
Herd Owner, Fred Shearer, Willow Hill.	Difference----	(4-3-3)	+361	.0	+15
ARBOLAWN PAULINE GOVERNOR 792172----------	7 daughters---	7	12,995	3.4	439
Born, 11-2-39; proved, 5-27-47;----; Ind.	6 daughters---	6	13,305	3.4	452
Sire, 746224; dam, 1791711.	6 dams--------	14	13,765	3.2	443
Herd Owner, Houser & Ivey, Royal Center.	Difference----	(3-4-4)	-460	+.2	+ 9
BADGER ORMSBY PRINCE 774586----------	11 daughters--	15	11,821	3.5	408
Born, 10-21-38; proved, 5-23-47;----; Wis.	10 daughters--	14	11,780	3.5	409
Sire, 720557; dam, 1764223.	10 dams--------	35	12,185	3.6	436
Herd Owner, Otto C. Neumann, Adell.	Difference----	(5-3-5)	-405	-.1	-27
BAKER FARM HEYDAY 746633----------	8 daughters---	14	9,304	3.6	336
Born, 10-8-37; proved, 5-1-47;----; N. Y.	7 daughters---	11	9,340	3.6	335
Sire, 662583; dam, 1654118.	7 dams--------	19	10,737	3.4	368
Herd Owner, Ernest B. Dye, South Dayton.	Difference----	(1-6-2)	-1,397	+.2	-33
BAKER FARM IMPRECATION 754236----------	10 daughters--	11	9,854	3.7	367
Born, 3-19-38; proved, 5-26-47;----; N. Y.	6 daughters---	7	9,945	3.8	378
Sire, 553013; dam, 1675528.	6 dams--------	10	12,301	3.5	430
Herd Owner, Ralph S. Clark, Delhi.	Difference----	(1-5-1)	-2,356	+.3	-52
BAKER FARM INVINCIBLE 752295----------	9 daughters---	12	11,702	3.9	460
Born, 2-20-38; proved, 5-9-47;----; Pa.	7 daughters---	8	11,867	3.9	465
Sire, 608348; dam, 1352396.	7 dams--------	35	12,245	3.5	429
Herd Owner, Arthur C. Wingert, Mechanicsburg.	Difference----	(3-7-4)	-378	+.4	+36

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BARRSON INKA NUDINE 736342----------	5 daughters---	10	10,066	3.5	356
Born, 4-12-36; proved, 5-26-47;----; Ohio.	5 dams--------	10	10,477	3.4	351
Sire, 651578; dam, 1293012.	Difference----	(2-3-2)	-411	+.1	+ 5
Herd Owner, Arthur R. Wadsworth, Malvern.					
BEETS ORMSBY CREAMELLE FOBES 791797----------	8 daughters---	11	9,361	3.4	319
Born, 4-10-36; proved, 5-29-47;----; Wis.	6 daughters---	8	9,099	3.5	318
Sire, 588947; dam, 1699843.	6 dams--------	19	9,739	3.4	333
Herd Owner, Abner Engaas, Ettrick.	Difference----	(2-4-2)	-640	+.1	-15
BELLE CREST DEAN FOBES 799361----------	8 daughters---	12	12,487	3.6	444
Born, 6-9-40; proved, 5-27-47;----; Pa.	7 daughters---	11	12,596	3.5	444
Sire, 769435; dam, 1855556.	7 dams--------	31	11,645	3.5	403
Owner, Western Pennsylvania Co-op. A. B. A.	Difference----	(5-4-6)	+951	.0	+41
BELLE CREST KENT REUBEN 799356----------	5 daughters---	5	11,840	3.7	439
Born, 3-1-40; proved, 5-14-47;----; N. Y.	5 dams--------	20	13,717	3.5	478
Sire, 611511; dam, 1530128.	Difference----	(1-4-3)	-1,877	+.2	-39
Herd Owner, W. F. Vollmer, Akron.					
BELLE MEAD GREAT POTENTATE 731104----------	6 daughters---	13	11,303	3.5	394
Born, 1-19-36; proved, 5-22-47;----; N. J.	5 daughters---	11	11,826	3.4	406
Sire, 701410; dam, 1730102.	5 dams--------	20	12,345	3.1	384
Herd Owner, Walter Stelle, Trenton.	Difference----	(2-5-3)	-519	+.3	+22
BELLE-VERNON DEAN ORMSBY POSCH 792867----------	17 daughters--	18	10,888	3.4	365
Born, 3-13-40; proved, 5-12-47; dead; Ohio.	13 daughters--	14	11,039	3.3	368
Sire, 709440; dam, 1785994.	13 dams-------	21	12,141	3.3	404
Herd Owner, Cooley Farm, Warrensville.	Difference----	(5-9-3)	-1,102	.0	-36
BELL FARM FOBES KING GILT EDGE 770944----------	14 daughters--	20	11,484	3.4	394
Born, 1-5-39; proved, 5-15-47;----; Pa.	12 daughters--	17	11,860	3.4	405
Sire, 662512; dam, 1677647.	12 dams-------	46	10,281	3.5	358
Herd Owner, Preston G. Lichtenwalner & Sons, Emmaus.	Difference----	(8-5-9)	+1,579	-.1	+47
BOILING SPRINGS FORUM AUTUMN 772195----------	5 daughters---	8	9,195	3.5	318
Born, 9-21-38; proved, 5-27-47;----; Pa.	5 dams--------	21	11,181	3.5	396
Sire, 728853; dam, 1823528.	Difference----	(1-2-1)	-1,986	.0	-78
Herd Owner, Emanuel M. Zeigler, Mechanicsburg.					
BURKE PIETJE VEEMAN 802700----------	5 daughters---	6	12,469	3.6	454
Born, 4-20-40; proved, 5-12-47; dead; N. Y.	5 dams--------	16	13,653	3.3	457
Sire, 766206; dam, 1760369.	Difference----	(1-5-2)	-1,184	+.3	- 3
Herd Owner, William Ashford, Lyons.					
CALLOWAY SIR BESS HAZELWOOD 753168----------	15 daughters--	21	14,721	3.5	516
Born, 2-19-37; proved, 5-1-47; dead; Mo.	15 dams-------	27	11,357	3.4	383
Sire, 589388; dam, 1753909.	Difference----	(15-13-15)	+3,364	+.1	+133
Herd Owner, Missouri State Sanitorium, Mt. Vernon.					
CARD FARM MIDDLETON SNOW KORNDYKE 774672----------	9 daughters---	12	9,614	3.7	358
Born, 9-18-38; proved, 5-1-47;----; N. Y.	9 dams--------	41	10,028	3.5	349
Sire, 753676; dam, 1458017.	Difference----	(4-6-4)	-414	+.2	+ 9
Herd Owner, Louis W. Hird, Niagara Falls.					
CARNATION CREAMELLE JOE HOMESTEAD 741485 *10------	20 daughters--	35	12,118	3.6	434
Born, 12-2-36; proved, 5-29-47;----; Minn.	19 daughters--	33	12,244	3.6	437
Sire, 678142; dam, 1771816.	19 dams-------	53	11,891	3.5	411
Herd Owner, Grahamholm Farm, Rochester.	Difference----	(9-15-11)	+353	+.1	+26
CARNATION CREAMELLE KING 792121----------	8 daughters---	11	14,640	3.5	511
Born, 2-11-40; proved, 5-2-47; alive; Wash.	8 dams--------	34	14,214	3.5	492
Sire, 678142; dam, 1883806.	Difference----	(5-5-5)	+426	.0	+19
Herd Owner, Western State Hospital, Ft. Steilacoom.					
CARNATION GOVERNOR ORMSBY WAYNE 729180----------	6 daughters---	8	14,821	3.6	533
Born, 1-17-36; proved, 5-22-47;----; Wash.	5 daughters---	6	14,604	3.6	526
Sire, 629472; dam, 877756.	5 dams--------	24	13,042	3.5	462
Herd Owner, John Carlson, Bremerton.	Difference----	(5-4-5)	+1,562	+.1	+64
CARNATION ILLUSTRATOR 771577----------	13 daughters--	23	12,367	3.4	426
Born, 10-24-38; proved, 5-12-47;----; Iowa.	13 dams-------	43	12,088	3.5	422
Sire, 671573; dam, 1639629.	Difference----	(5-5-5)	+279	-.1	+ 4
Herd Owner, Paul Behn, Postville.					
CARNATION MATADOR BUTTER KING 771566----------	10 daughters--	16	10,435	3.7	385
Born, 6-4-38; proved, 5-9-47; dead; Kans.	10 dams-------	32	11,028	3.6	398
Sire, 739005; dam, 1863037.	Difference----	(6-7-5)	-593	+.1	-13
Herd Owner, Frank & Paul Rottinghaus & Edwin Draney, Seneca.					
CARNATION PEERLESS SIR HOMESTEAD 716446 *7--------	8 daughters---	13	10,927	3.4	375
Born, 2-23-35; proved, 5-23-47;----; Iowa.	8 dams--------	34	11,330	3.4	390
Sire, 629480; dam, 1565749.	Difference----	(5-5-4)	-403	.0	-15
Owner, Southern Minnesota A. B. A., Minn.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CAROLEA JOHN SEGIS POSCH 757259----------	8 daughters---	9	9,304	3.4	312
Born, 3-4-38; proved, 5-14-47;----; N. Y.	8 dams--------	27	10,860	3.3	362
Sire, 712486; dam, 1749818.	Difference----	(3-4-3)	-1,556	+.1	-50
Herd Owner, Charles Shapley, Guilford.					
CHEROKEE CREAM CAN 805300----------	5 daughters---	5	10,009	3.2	325
Born, 4-14-40; proved, 5-22-47;----; Iowa.	5 dams--------	22	12,019	3.3	402
Sire, 748290; dam, 1745771.	Difference----	(0-2-0)	-2,010	-.1	-77
Herd Owner, Glenwood State School, Glenwood.					
CHRISDELL PRINCE IDEAL 836632----------	5 daughters---	7	11,297	3.6	408
Born, 9-1-40; proved, 5-27-47;----; N. Y.	5 dams--------	12	9,740	3.6	347
Sire, 741690; dam, 1871181.	Difference----	(4-3-3)	+1,557	.0	+61
Herd Owner, Robert J. Edmunds, Delevan.					
CLARINDA DOUGLASS MAN-O-WAR ORMSBY 755053---------	22 daughters--	32	11,535	3.5	398
Born, 6-6-37; proved, 5-23-47;----; Mo.	5 daughters---	7	13,065	3.5	451
Sire, 651537; dam, 1730024.	5 dams--------	9	11,730	3.3	388
Herd Owner, Conception Abbey, Conception.	Difference----	(3-4-4)	+1,335	+.2	+63
COLANTHA PRINCE MAN-O-WAR 823202----------	8 daughters---	9	11,611	3.5	404
Born, 7-25-40; proved, 5-13-47; alive; Iowa.	8 dams--------	20	10,915	3.3	356
Sire, 749683; dam, 1629011.	Difference----	(5-6-4)	+696	+.2	+48
Herd Owner, Ottis Taylor, Delta.					
COLONY FLETA SIR HEILO 752676----------	18 daughters--	20	7,511	3.5	265
Born, 3-23-37; proved, 5-1-47;----; Mo.	9 daughters---	10	8,000	3.6	286
Sire, 467933; dam, 212855 CHB.	9 dams--------	10	7,931	3.4	266
Herd Owner, State Hospital #4, Farmington.	Difference----	(4-5-5)	+ 69	+.2	+20
COLONY JANNEK ORMSBY ROMEO (TWIN) 769006----------	16 daughters--	30	12,075	3.4	411
Born, 10-18-37; proved, 5-9-47; alive; Ohio.	12 daughters--	26	12,208	3.4	413
Sire, 495741; dam, 223313 CHB.	12 dams-------	48	13,892	3.2	445
Owner, Central Ohio A. B. A.	Difference----	(4-11-5)	-1,684	+.2	-32
COLONY NETHERLAND PERFECTION 25TH 798844----------	7 daughters---	7	12,370	3.4	421
Born, 8-18-39; proved, 5-16-47;----; Ohio.	5 daughters---	5	12,171	3.3	403
Sire, 90161 CHB.; dam, 342127 CHB.	5 dams--------	13	14,215	3.5	492
Herd Owner, Ohio State University, Columbus.	Difference----	(1-2-1)	-2,044	-.2	-89
CORNELL INA BLEND 762984----------	8 daughters---	14	11,081	3.5	393
Born, 2-26-38; proved, 5-14-47; dead; N. Y.	7 daughters---	13	10,637	3.6	379
Sire, 722643; dam, 1841651.	7 dams--------	19	11,649	3.7	434
Herd Owner, Clarence C. House, Avon.	Difference----	(3-3-3)	-1,012	-.1	-55
COUNTY HOME ECHO OLLIE 775497----------	8 daughters---	12	11,213	3.6	408
Born, 3-15-39; proved, 5-1-47;----; Pa.	7 daughters---	10	11,283	3.6	412
Sire, 732612; dam, 1735794.	7 dams--------	28	14,102	3.5	491
Herd Owner, J.Clarence Paxton & Son,Washington.	Difference----	(1-6-1)	-2,819	+.1	-79
CRESTLYN HEILO ORMSBY CAPTAIN 752197----------	12 daughters--	20	11,023	3.5	388
Born, 1-4-38; proved, 5-12-47; dead; Mich.	11 daughters--	19	11,220	3.5	396
Sire, 649401; dam, 1758409.	11 dams-------	36	12,959	3.6	469
Herd Owner, Phillip Doherty & Sons, Brown City.	Difference----	(4-3-4)	-1,739	-.1	-73
DAD BOAST COLANTHA ORMSBY 775316----------	12 daughters--	17	16,697	3.4	573
Born, 10-5-38; proved, 5-1-47;----; N. Y.	12 dams-------	28	13,460	3.4	462
Sire, 709941; dam, 1691878.	Difference----	(10-7-10)	+3,237	.0	+111
Herd Owner, S. F. Burton, Clarence.					
DAIRYSMITH BILLIE DANDY 748118----------	8 daughters---	8	10,353	3.7	382
Born, 2-15-37; proved, 5-15-47; dead; N. Y.	7 daughters---	7	10,822	3.7	401
Sire, 710462; dam, 1506634.	7 dams--------	23	11,982	3.5	421
Herd Owner, Ernest S. Smith, Franklin.	Difference----	(2-6-4)	-1,160	+.2	-20
DAUNTLESS TUTTS FAYNE 768865----------	21 daughters--	23	14,788	3.4	509
Born, 12-25-38; proved, 5-15-47;----; Maine.	15 daughters--	16	15,449	3.5	537
Sire, 668530; dam, 1586702.	15 dams-------	35	12,938	3.7	474
Herd Owner, Round Top Farms, Damariscotta.	Difference----	(14-5-10)	+2,511	-.2	+63
DE KOL WELFARE LADDIE 766555----------	21 daughters--	29	10,690	3.5	373
Born, 1-5-38; proved, 5-14-47; dead; R. I.	15 daughters--	20	10,788	3.4	369
Sire, 699737; dam, 1381868.	15 dams-------	23	11,892	3.3	398
Herd Owner, Exeter State School, LaFayette.	Difference----	(7-10-6)	-1,104	+.1	-29
DELROSE AAGGIE ORMSBY LAD 744602----------	5 daughters---	11	10,650	3.7	393
Born, 6-30-37; proved, 5-13-47;----; Wash.	5 dams--------	14	13,098	3.6	471
Sire, 738802; dam, 1445261.	Difference----	(0-2-0)	-2,448	+.1	-78
Herd Owner, John Anton Raess, Colbert.					
DE MAAS PAULUS WILHELM 768043----------	15 daughters--	37	12,939	3.4	436
Born, 4-15-37; proved, 5-8-47; dead; Wash.	15 dams-------	66	14,713	3.4	499
Sire, 710407; dam, 1472773.	Difference----	(3-7-2)	-1,774	.0	-63
Herd Owner, A. P. Schuurman, Kent.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DONALD DALE FAYNE HOMESTEAD 797605----------	6 daughters---	6	14,987	3.5	521
Born, 12-27-39; proved, 5-2-47;----; Wis.	6 dams--------	13	11,294	3.2	358
Sire, 725853; dam, 1864451.	Difference----	(6-5-6)	+3,693	+.3	+163
Herd Owner, Arthur E. Meythaler, Woodford.					
DOUGVIC CHIEFTAIN SENATOR 776239----------	5 daughters---	9	13,213	3.6	478
Born, 5-21-37; proved, 5-1-47;----; Ill.	5 dams--------	24	12,587	3.6	451
Sire, 721938; dam, 1937260.	Difference----	(5-2-3)	+626	.0	+27
Herd Owner, George Fredericksen, Dwight.					
DUKE JERRY POSCH 758273----------	9 daughters---	14	12,020	3.3	403
Born, 8-28-37; proved, 5-9-47;----; N. Y.	9 dams--------	25	11,162	3.5	395
Sire, 661108; dam, 1651608.	Difference----	(6-2-4)	+858	-.2	+ 8
Herd Owner, Philip F. Dawson, Port Byron.					
DUKE SEGIS ORMSBY KORNDYKE LAD 734468----------	8 daughters---	12	12,600	3.7	467
Born, 2-24-36; proved, 5-22-47;----; Ohio.	6 daughters---	9	12,589	3.7	466
Sire, 694406; dam, 1560716.	6 dams--------	9	13,926	3.3	453
Herd Owner, H. B. Owen & Son, Homerville.	Difference----	(3-6-4)	-1,337	+.4	+13
ECHO NETHERLAND ORMSBY JOE 837149----------	17 daughters--	17	12,837	3.7	470
Born, 9-28-40; proved, 5-16-47;----; Pa.	11 daughters--	11	12,512	3.7	464
Sire, 725852; dam, 1859779.	11 dams-------	20	9,720	3.7	355
Herd Owner, Shine Brothers, Jamestown.	Difference----	(9-7-9)	+2,792	.0	+109
ELLIS FELIX JUNIOR VERA INDICATOR 801013----------	6 daughters---	9	13,227	3.7	487
Born, 7-9-39; proved, 5-2-47;----; Wis.	5 daughters---	8	13,372	3.6	484
Sire, 663425; dam, 2147240.	5 dams--------	7	13,122	3.6	466
Herd Owner, Ross M. Foltz, Campbellsport.	Difference----	(2-4-3)	+250	.0	+18
ELLWOOD INKA ORMSBY 780165----------	7 daughters---	11	11,425	3.9	357
Born, 3-7-35; proved, 5-16-47;----; Wis.	7 dams--------	12	11,199	3.3	375
Sire, 651318; dam, 1638684.	Difference----	(3-1-2)	+226	-.2	-18
Herd Owner, Albert Pade, Lomira.					
ELMWOOD ADMIRAL FOBES ORMSBY 777508----------	6 daughters---	6	11,438	3.4	394
Born, 10-14-38; proved, 5-9-47;----; Wis.	6 dams--------	25	11,236	3.4	384
Sire, 731747; dam, 1295605.	Difference----	(3-4-4)	+202	.0	+10
Herd Owner, O. G. McSchooler, Omro.					
EL REY VINA KORNDYKE TRIUNE 774423----------	8 daughters---	17	12,761	3.5	444
Born, 5-1-38; proved, 5-12-47;----; Calif.	8 dams--------	36	12,990	3.6	463
Sire, 632509; dam, 1577667.	Difference----	(4-4-3)	-229	-.1	-19
Herd Owner, Ray S. Hull, Modesto.					
FANYAN PIETJE OLLIE BLEND 783992----------	9 daughters---	9	12,423	3.6	445
Born, 4-9-39; proved, 5-12-47; dead; N. Y.	8 daughters---	8	12,932	3.6	461
Sire, 722643; dam, 1416249.	8 dams--------	20	12,005	3.6	426
Herd Owner, Ralph Butler, Cortland.	Difference----	(5-6-5)	+927	.0	+35
FARFIELDS SIR MODEST PLUTO 798732----------	7 daughters---	9	11,342	3.8	430
Born, 12-31-39; proved, 5-8-47; dead; Mich.	6 daughters---	8	11,779	3.8	450
Sire, 759202; dam, 1844894.	6 dams--------	25	12,300	3.6	447
Herd Owner, W. Harry Freshour & Son, Mason.	Difference----	(1-5-4)	-521	+.2	+ 3
FAYNE ORMSBY WILLIAM 739495----------	11 daughters--	12	9,969	3.5	349
Born, 12-30-36; proved, 5-29-47;----; N. J.	9 daughters---	10	10,209	3.5	357
Sire, 706261; dam, 1690548.	9 dams--------	10	13,555	3.4	460
Herd Owner, Schick Farms, Milford.	Difference----	(0-7-2)	-3,346	+.1	-103
FESSENDEN TOPLAD MARSHAL 733238----------	5 daughters---	10	12,414	3.5	432
Born, 11-13-36; proved, 5-26-47;----; Conn.	5 dams--------	11	16,411	3.3	542
Sire, 678278; dam, 1565097.	Difference----	(1-3-1)	-3,997	+.2	-110
Herd Owner, Long Lane Farm, Middletown.					
FISHKILL MAY PIKI 768979----------	9 daughters---	11	12,699	3.5	446
Born, 2-4-39; proved, 5-8-47; dead; N. Y.	9 dams--------	28	13,356	3.5	465
Sire, 732494; dam, 1874970.	Difference----	(3-8-4)	-657	.0	-19
Herd Owner, Millard A. Maurer, Fishkill.					
FLAMSTEAD CARNATION HEILO 746397----------	6 daughters---	6	11,340	3.2	365
Born, 3-1-37; proved, 5-9-47;----; Ind.	6 dams--------	14	11,565	3.6	411
Sire, 600149; dam, 1525623.	Difference----	(2-1-0)	-225	-.4	-46
Herd Owner, Kenneth Perkins, Hudson.					
FOLD FARM HAPPY DUTCHMAN 777059----------	6 daughters---	8	10,431	3.4	354
Born, 11-23-38; proved, 5-1-47;----; N. Y.	6 dams--------	18	10,902	3.3	363
Sire, 705405; dam, 1387606.	Difference----	(2-4-5)	-471	+.1	- 9
Herd Owner, Earl W. Lamb, Lisle.					
FOREST FOBES SIR 806419----------	5 daughters---	14	11,984	3.6	429
Born, 3-9-39; proved, 5-16-47;----; Wis.	5 dams--------	28	12,266	3.6	442
Sire, 737642; dam, 1894646.	Difference----	(1-4-2)	-282	.0	-13
Herd Owner, George A. Palmbach, Appleton.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
F V D ROYAL POSCH 779906----------	7 daughters---	10	9,513	3.4	327
Born, 8-14-38; proved, 5-1-47; dead; Ariz.	5 daughters---	8	9,873	3.4	338
Sire, 677986; dam, 1594069.	5 dams--------	16	9,774	3.4	332
Herd Owner, Fairview Dairy, Tucson.	Difference----	(4-3-3)	+ 99	.0	+ 6
GALLANT DIRECT COLANTHA 758575----------	16 daughters--	21	9,853	3.6	350
Born, 4-13-38; proved, 5-8-47; dead; Maine.	14 daughters--	18	9,877	3.6	355
Sire, 722394; dam, 1843610.	14 dams-------	31	11,009	3.6	396
Herd Owner, Maurice Perkins & Sons, Albion.	Difference----	(5-9-4)	-1,132	.0	-41
GODFREYS MARTO ORMSBY GOPATIS 770796----------	11 daughters--	13	11,121	3.7	406
Born, 10-10-38; proved, 5-13-47;----; Wis.	11 dams-------	29	8,224	3.6	293
Sire, 730072; dam, 1873797.	Difference----	(9-7-9)	+2,897	+.1	+113
Herd Owner, West Villa, Elkhorn.					
GOVERNOR AL ORMSBY 757732----------	6 daughters---	6	9,891	3.6	353
Born, 1-11-38; proved, 5-1-47;----; Minn.	6 dams--------	11	11,536	3.2	375
Sire, 740187; dam, 1856997.	Difference----	(1-5-1)	-1,645	+.4	-22
Herd Owner, Albert Von Lehe & Son, Le Sueur.					
GRAND VIEW POSCH BURKE 752291----------	8 daughters---	24	9,749	3.6	348
Born, 2-4-36; proved, 5-9-47;----; Pa.	7 daughters---	20	9,651	3.6	344
Sire, 99052 CHB.; dam, 1950350.	7 dams--------	24	10,625	3.3	352
Herd Owner, Robert Ludwig, Hegins.	Difference----	(2-7-2)	-974	+.3	- 8
GROSSLYN ORMSBY KENT SEGIS CHIEF 803499----------	5 daughters---	6	13,102	3.5	454
Born, 9-9-39; proved, 5-16-47;----; Pa.	5 dams--------	31	12,856	3.4	434
Sire, 611511; dam, 1596733.	Difference----	(3-3-4)	+246	+.1	+20
Herd Owner, Milton C. Satterthwaite, Woodside.					
HARSON KING BESS FOBES 756353----------	5 daughters---	10	12,419	3.2	402
Born, 1-30-38; proved, 5-15-47;----; Wis.	5 dams--------	13	10,025	3.5	347
Sire, 688981; dam, 1450820.	Difference----	(4-1-3)	+2,394	-.3	+55
Herd Owner, Duane Hoffman, Black River Falls.					
HARTOG CREAMELLE SEGIS 739141----------	9 daughters---	14	7,669	3.5	269
Born, 2-1-37; proved, 5-29-47;----; Pa.	9 dams--------	33	10,584	3.5	373
Sire, 694405; dam, 1811447.	Difference----	(0-5-0)	-2,915	.0	-104
Herd Owner, Reuben Clouse, Newville.					
HAWTHORN MATADOR BURKE 773567----------	10 daughters--	13	13,619	3.6	495
Born, 3-30-38; proved, 5-14-47;----; Ill.	6 daughters---	8	13,195	3.6	479
Sire, 743392; dam, 1837046.	6 dams--------	9	14,366	3.6	513
Herd Owner, A. W. Abbott & Sons, Downers Grove.	Difference----	(2-4-0)	-1,171	.0	-34
HAZELBELL CLASS LEADER 757250----------	5 daughters---	11	13,163	3.4	446
Born, 3-21-38; proved, 5-27-47;----; Ill.	5 dams--------	15	13,019	3.4	440
Sire, 722360; dam, 1932232.	Difference----	(3-3-3)	+144	.0	+ 6
Herd Owner, Bellwood Farms, Barrington.					
HENGERVELD CREAMELLE VEEMAN 747089----------	13 daughters--	21	10,510	3.4	355
Born, 12-2-36; proved, 5-9-47;----; Pa.	8 daughters---	11	11,103	3.5	384
Sire, 638713; dam, 1658127.	8 dams--------	13	8,387	3.1	264
Herd Owner, William Arnold, Montrose.	Difference----	(7-7-7)	+2,716	+.4	+120
HIGHPATH ELGIN AD ALTA 790331----------	9 daughters---	16	12,251	3.4	412
Born, 7-14-39;proved, 5-1-47;----; Minn.	7 daughters---	12	12,865	3.4	438
Sire, 743686; dam, 1855256.	7 dams--------	13	12,457	3.2	402
Herd Owner, Hazeltine Farm, Excelsior.	Difference----	(4-7-5)	+408	+.2	+36
HOESLY HOMESTEAD PIEBE JOE 756642----------	6 daughters---	9	12,606	3.6	452
Born, 2-2-38; proved, 5-9-47;----; Wis.	5 daughters---	7	12,652	3.6	452
Sire, 725852; dam, 1845105.	5 dams--------	15	11,686	3.5	411
Herd Owner, J. F. Kasierski, Princeton.	Difference----	(3-3-4)	+966	+.1	+41
HOLWIS SAAPKE MARATHON WALKER 783737----------	6 daughters---	8	11,909	3.5	418
Born, 3-23-39; proved, 5-9-47;----; Wis.	5 daughters---	7	11,691	3.6	420
Sire, 703874; dam, 1621823.	5 dams--------	25	12,749	3.4	437
Herd Owner, Henry Anthes, Fort Atkinson.	Difference----	(2-4-3)	-1,058	+.2	17
H S F ORMSBY KING 802660----------	9 daughters---	14	13,111	3.6	475
Born, 9-8-39; proved, 5-27-47;----; N. Y.	6 daughters---	8	13,306	3.6	483
Sire, 737785; dam, 1598536.	6 dams--------	13	15,220	3.4	512
Herd Owner, I. W. Scott & Sons, Hamilton.	Difference----	(1-6-2)	-1,914	+.2	-29
HUNTSDALE JUNIOR PROGRESSOR 775140----------	13 daughters--	21	8,869	3.6	321
Born, 8-4-38; proved, 5-12-47;----; Pa.	12 daughters--	20	9,063	3.6	328
Sire, 720866; dam, 1428973.	12 dams-------	76	11,662	3.5	406
Herd Owner, Henry D. Allebach, Collegeville.	Difference----	(1-8-1)	-2,599	+.1	-78
IA-TR-SCHOOL CAESAR MATADOR 854141----------	7 daughters---	7	10,922	3.3	365
Born, 8-13-40; proved, 5-29-47;----; Iowa.	7 dams--------	22	10,785	3.4	364
Sire, 699188; dam, 1416468.	Difference----	(5-3-3)	+137	-.1	+ 1
Herd Owner, Iowa State Training School for Boys, Eldora.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
IDEAL PIEBE ORMSBY AAGGIE 793460----------	11 daughters--	18	10,882	3.4	370
Born, 3-25-39; proved, 5-9-47; dead; N. Y.	11 dams-------	34	10,715	3.5	372
Sire, 734653; dam, 1904324.	Difference----	(6-5-4)	+167	-.1	- 2
Herd Owner, David Davies, Jr., Cuba.					
INDEPENDENCE PONTIAC ORMSBY LAD 744282----------	7 daughters---	15	10,402	3.5	369
Born, 7-1-37; proved; 5-22-47;----; Pa.	5 daughters---	8	10,058	3.6	363
Sire, 688113; dam, 1757492.	5 dams--------	17	10,972	3.2	346
Herd Owner, Marbilmont Farm, Wexford.	Difference----	(2-5-3)	-914	+.4	+17
INDIANA COUNTY HOME COUNT 747940----------	8 daughters---	10	11,209	3.4	376
Born, 1-15-37; proved, 5-26-47;----; Pa.	8 dams--------	30	10,748	3.4	368
Sire, 675595; dam, 1352946.	Difference----	(6-3-5)	+461	.0	+ 8
Herd Owner, Earl L. Marshall, Home.					
IONIA MASTERPIECE ORMSBY (TWIN) 730698----------	6 daughters---	13	11,604	3.8	441
Born, 7-21-36; proved, 5-15-47;----; Mich.	5 daughters---	12	11,561	3.8	439
Sire, 671583; dam, 1696714.	5 dams--------	29	10,959	3.8	416
Herd Owner, Lloyd A. Gaskill, Hastings.	Difference----	(2-4-3)	+602	.0	+23
I S D SIR ORMSBY CREATOR 783338----------	8 daughters---	10	11,849	3.3	390
Born, 10-11-39; proved, 5-12-47;----; Iowa.	8 dams--------	32	13,639	3.5	484
Sire, 669073; dam, 1956072.	Difference----	(2-1-0)	-1,790	-.2	-94
Herd Owner, Iowa School for Deaf,Council Bluffs.					
JONABELL CARBINE 806124----------	7 daughters---	9	14,307	3.6	519
Born, 8-18-40; proved, 5-22-47;----; Pa.	5 daughters---	6	14,369	3.7	532
Sire, 720861; dam, 1972907.	5 dams--------	15	12,284	3.7	454
Herd Owner, P. C. Maryott, Wysox.	Difference----	(5-3-4)	+2,085	.0	+78
KARIOLE PERFECTION 755638----------	10 daughters--	26	11,226	3.5	395
Born, 10-24-37; proved, 5-27-47;----; Wis.	9 daughters---	24	10,938	3.6	389
Sire, 705177; dam, 1104781.	9 dams--------	21	9,234	3.4	313
Herd Owner, Kenneth G. Smith, Brooklyn.	Difference----	(8-9-9)	+1,704	+.2	+76
KARLCREST MAN-O-WAR KORNDYKE 776108----------	9 daughters---	14	13,174	3.5	463
Born, 10-20-38; proved, 5-9-47;----; N. Y.	6 daughters---	10	13,223	3.6	473
Sire, 687033; dam, 1672665.	6 dams--------	13	14,134	3.3	473
Herd Owner, Charles D. Anken & Son, Rome.	Difference----	(1-6-3)	-911	+.3	0
KELCO CHAMPION PIEBE BOY 731439----------	5 daughters---	5	12,205	3.8	463
Born, 12-15-35; proved, 5-22-47;----; N. Y.	5 dams--------	10	10,312	3.6	374
Sire, 675631; dam, 1372439.	Difference----	(5-4-5)	+1,893	+.2	+89
Herd Owner, Steuben County House Farm, Bath.					
KING ABBEKERK ORMSBY CANARY 727733----------	5 daughters---	7	10,775	3.3	360
Born, 9-16-35; proved, 5-22-47;----; Wis.	5 dams--------	7	9,688	3.4	334
Sire, 665526; dam, 1332218.	Difference----	(4-2-4)	+1,087	-.1	+26
Herd Owner, Raymond Marshall, Whitewater.					
KING ALCARTRA FAYNE KORNDYKE 725331----------	6 daughters---	7	10,974	3.5	382
Born, 9-13-35; proved, 5-23-47;----; Mich.	5 daughters---	6	11,222	3.5	390
Sire, 684830; dam, 1321239.	5 dams--------	6	9,429	3.5	328
Herd Owner, Dr. C. A. Stimson, Eaton Rapids.	Difference----	(4-3-4)	+1,793	.0	+62
KING CREATOR JOE MONTVIC 784276----------	6 daughters---	7	10,554	3.6	377
Born, 3-2-39; proved, 5-1-47;----; Ill.	6 dams--------	15	11,159	3.8	419
Sire, 756713; dam, 1246263.	Difference----	(3-2-2)	-605	-.2	-42
Herd Owner, Harold W. Smage, Crystal Lake.					
KING MODEL ORMSBY PIEBE FAYNE (TWIN) 724448-------	8 daughters---	10	12,163	3.4	419
Born, 4-20-36; proved, 5-23-47;----; Wis.	5 daughters---	6	12,015	3.4	409
Sire, 662513; dam, 1452823.	5 dams--------	7	12,230	3.1	383
Herd Owner, John Loesel, Alma.	Difference----	(3-5-4)	-215	+.3	+26
KING OLLIE ORMSBY KORNDYKE 774527----------	5 daughters---	5	10,277	3.5	358
Born, 9-26-38; proved, 5-12-47;----; Wis.	5 dams--------	19	12,044	3.1	372
Sire, 715048; dam, 1455972.	Difference----	(1-5-1)	-1,767	+.4	-14
Herd Owner, Theodore Bayrhoffer, Monroe.					
KINGSFORD ORMSBY WAYNE PIETERTJE 737932----------	19 daughters--	39	12,892	3.4	435
Born, 8-12-36; proved, 5-26-47;----; N. Y.	9 daughters---	15	11,966	3.5	413
Sire, 528350; dam, 1219512.	9 dams--------	20	12,582	3.5	439
Herd Owner, Foster E. Pohl, Vernon.	Difference----	(3-4-3)	-616	.0	-26
KING SYLVIA COLANTHA INKARNATION 845048----------	12 daughters--	24	8,740	3.5	310
Born, 9-30-39; proved, 5-22-47;----; N. Y.	8 daughters---	16	8,619	3.5	303
Sire, 708144; dam, 1869182.	8 dams--------	22	9,004	3.5	311
Herd Owner, George Marshall Farwell, Hinsdale.	Difference----	(4-6-4)	-385	.0	- 8
KING WONDER COLANTHA DIXIE 781965----------	8 daughters---	10	11,069	3.6	398
Born, 8-28-38; proved, 5-9-47; dead; Mich.	6 daughters---	6	11,032	3.5	381
Sire, 711324; dam, 1836984.	6 dams--------	15	12,904	3.5	451
Herd Owner, Lewis R. Kennedy, Hudsonville.	Difference----	(1-3-0)	-1,872	.0	-70

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LADDIE BOY ORMSBY PIEBE 778304----------	16 daughters--	28	12,842	3.6	466
Born, 11-11-38; proved, 5-12-47; dead; N. Y.	16 dams-------	70	13,473	3.6	487
Sire, 732187; dam, 1440698.	Difference----	(6-9-6)	- 631	.0	-21
Herd Owner,George B. Eckert & Son,La Fargeville.					
LAKEFIELD BELLE LYONS KING BESSIE 753731----------	6 daughters---	12	13,621	3.4	469
Born, 8-31-37; proved, 5-23-47;----; Mich.	6 dams--------	16	16,252	3.2	515
Sire, 711324; dam, 1648293.	Difference----	(1-6-1)	-2,631	+.2	-46
Herd Owner, Armstrong Brothers, Fowlerville.					
LANGLAAGTE PIETERTJE MATADOR 696031----------	10 daughters--	16	10,906	3.5	378
Born, 8-16-33; proved, 5-1-47;----; Nev.	6 daughters---	9	10,237	3.4	345
Sire, 629433; dam, 1463156.	6 dams--------	12	12,761	3.4	429
Herd Owner, C. E. Kent, Fallon.	Difference----	(0-4-1)	-2,524	.0	-84
LAUXMONT ADMIRAL MARATHON 800236----------	11 daughters--	13	9,971	3.5	347
Born, 1-3-40; proved, 5-8-47;----; N. Y.	8 daughters---	10	9,905	3.5	351
Sire, 696612; dam, 1865492.	8 dams--------	17	11,497	3.4	385
Herd Owner, Wilcox Homestead Farms, Smyrna.	Difference----	(1-8-2)	-1,592	+.1	-34
LEANDER ORMSBY 773865----------	18 daughters--	38	10,909	3.5	379
Born, 1-15-39; proved, 5-12-47;----; Pa.	15 daughters--	29	10,789	3.5	376
Sire, 742559; dam, 1927036.	15 dams-------	70	11,127	3.5	390
Herd Owner, J. S. Zeigler, Lewisburg.	Difference----	(5-9-4)	-338	.0	-14
LINCOLN SIR INKA FOBES 758187----------	8 daughters---	13	9,173	•3.5	316
Born, 11-21-37; proved, 5-9-47;----; Wis.	6 daughters---	10	8,771	3.4	301
Sire, 695883; dam, 1493745.	6 dams--------	15	9,767	3.5	340
Herd Owner, Julius Nilsestuen, Arcadia.	Difference----	(1-4-1)	-996	-.1	-39
LONGERVALE DUKE HARTOG POSCH 728024----------	9 daughters---	16	12,675	3.3	418
Born, 9-15-35; proved, 5-1-47;----; Wash.	9 dams--------	16	12,505	3.4	426
Sire, 688000; dam, 1324035.	Difference----	(4-5-6)	+170	-.1	- 8
Herd Owner, A. H. Poston & Sons, Spokane.					
LOYALMEADE DIRECTOR ORMSBY 727220----------	10 daughters--	24	10,682	3.5	373
Born, 2-24-36; proved, 5-26-47;----; Pa.	10 dams-------	37	10,630	3.5	369
Sire, 684677; dam, 947312.	Difference----	(6-7-4)	+ 52	.0	+ 4
Herd Owner, Mayview State Hospital, Mayview.					
LOYALMEADE JOYFUL ORMSBY 747627----------	5 daughters---	9	13,514	3.5	474
Born, 11-27-36; proved, 5-9-47;----; Pa.	5 dams--------	22	12,521	3.3	414
Sire, 684677; dam, 1702572.	Difference----	(3-5-4)	+993	+.2	+60
Herd Owner, Herbert J. Shaffer, Jersey Shore.					
LUCKY DAY DUKE ORMSBY 744647----------	10 daughters--	21	13,209	3.5	456
Born, 9-19-36; proved, 5-1-47;----; Wis.	7 daughters---	15	13,439	3.6	478
Sire, 688763; dam, 1333834.	7 dams--------	24	12,701	3.5	441
Herd Owner, Peter Templeton & Son,Evansville.	Difference----	(4-5-4)	+738	+.1	+37
LYONS BURKE WALKER PRILLY 771258----------	17 daughters--	31	12,254	3.4	416
Born, 4-3-38; proved, 5-14-47;----; Pa.	16 daughters--	27	12,215	3.4	414
Sire, 718724; dam, 1695747.	16 dams-------	85	12,070	3.4	412
Herd Owner, Weyhill Farm, Bethlehem.	Difference----	(7-10-9)	+145	.0	+ 2
MAN-O-WAR POPPY POSCH 793166----------	11 daughters--	14	11,868	3.5	414
Born, 2-22-40; proved, 5-1-47; dead; Iowa.	10 daughters--	13	11,667	3.4	401
Sire 687028; dam, 1837926.	10 dams-------	29	11,501	3.4	396
Herd Owner, Carl A. Lund & Sons, Curlew.	Difference----	(5-6-5)	+166	.0	+ 5
MAN-O-WAR RETURN KING 717835 *6----------	18 daughters--	32	12,361	3.3	413
Born, 2-27-35; proved, 5-27-47;----; Minn.	14 daughters--	25	12,143	3.3	403
Sire, 687028; dam, 1575566.	14 dams-------	25	13,719	3.3	451
Herd Owner, Anoka State Hospital, Anoka.	Difference----	(2-7-2)	-1,576	.0	-48
MAPLE VALLEY EMPEROR KORNDYKE 793065----------	5 daughters---	7	12,393	3.2	391
Born,9-4-39; proved, 5-8-47;----; Pa.	5 dams--------	16	10,942	2.9	321
Sire, 723862; dam, 1757837.	Difference----	(4-3-3)	+1,451	+.3	+70
Herd Owner, Elmer Keck, Sarver.					
MARSHLINE STAR KING 774532----------	13 daughters--	20	14,279	3.8	540
Born, 11-25-38; proved, 5-15-47; alive; N.Y.	10 daughters--	15	14,382	3.8	542
Sire, 729309; dam, 1762115.	10 dams-------	16	12,384	3.5	433
Herd Owner, New York State Agricultural and Technical Institute, Morrisville.	Difference----	(6-10-7)	+1,998	+.3	+109
MASTERPIECE CARNATION PRINCE 803312----------	6 daughters---	8	12,608	3.3	419
Born, 12-18-39; proved, 5-14-47; dead; Ariz.	6 dams--------	14	11,349	3.3	378
Sire, 671572; dam, 1639662.	Difference----	(4-4-5)	+1,259	.0	+41
Herd Owner, C. L. Vizcaya, Glendale.					
MATADOR PIETERTJE ORMSBY WAYNE 793239----------	7 daughters---	8	10,476	3.9	412
Born, 11-17-39; proved, 5-1 -47;-----; Minn.	6 daughters---	7	10,550	3.8	399
Sire, 731051; dam, 1858966.	6 dams--------	21	11,164	3.6	403
Herd Owner, Fred Rentz, St. James.	Difference----	(3-4-3)	-614	+.2	- 4

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAX TRITOMIA FAYNE 729665----------	11 daughters--	18	10,942	3.8	415
Born, 10-28-35; proved, 5-29-47;----; Wis.	8 daughters---	13	11,020	3.8	416
Sire, 678384; dam, 824011.	8 dams--------	56	11,645	3.6	420
Herd Owner, Ward Brothers, Fort Atkinson.	Difference----	(4-6-5)	-625	+.2	- 4
MAYTAG ORMSBY FOBES 2D 833968----------	6 daughters---	6	14,760	3.5	517
Born, 7-22-41; proved, 5-13-47;----; Iowa.	6 dams--------	24	14,672	3.5	515
Sire, 784293; dam, 1985119.	Difference----	(3-4-3)	+ 88	.0	+ 2
Herd Owner, Ronald Chapman, Ruthven.					
MEETING HILL SNOW PONTIAC 774273----------	9 daughters---	21	9,615	3.7	351
Born, 5-2-38; proved, 5-8-47;----; Mass.	9 dams--------	31	11,590	3.5	408
Sire, 671932; dam, 1406734.	Difference----	(1-7-2)	-1,975	+.2	-57
Herd Owner, Ralph M. Woodworth, Groveland.					
MEIERKORD TRIUNE SUPREME ABBEKERK (TWIN) 772242---	5 daughters---	6	10,022	3.2	317
Born, 3-12-38; proved, 5-9-47;----; Kans.	5 dams--------	15	12,700	3.4	430
Sire, 600230; dam, 1334014.	Difference----	(1-2-0)	-2,678	-.2	-113
Herd Owner, George Mueller, Hanover.					
MICHSAN MARATHON MABEL LAD 752004----------	5 daughters---	7	14,039	3.8	528
Born, 12-1-37; proved, 5-29-47;----; Mich.	5 dams--------	21	15,590	3.4	536
Sire, 601752; dam, 1489117.	Difference----	(1-4-2)	-1,551	+.4	- 8
Herd Owner, Isaac Blaylock, Bad Axe.					
MILL GROVE BOAST POSCH 780084----------	7 daughters---	15	10,370	3.6	378
Born, 10-20-38; proved, 5-22-47;----; N. Y.	7 dams--------	19	10,734	3.8	405
Sire, 714532; dam, 1702796.	Difference----	(3-3-3)	-364	-.2	-27
Herd Owner, Julius F. Meyer & Sons, Boston.					
MINNEHAHA IRINA DEFENDER 775603----------	8 daughters---	8	10,029	3.5	351
Born, 11-19-38; proved, 5-1-47; dead; Minn.	8 dams--------	22	10,034	3.3	335
Sire, 667753; dam, 1621656.	Difference----	(3-7-5)	- 5	+.2	+16
Herd Owner, Rochester State Hospital, Rochester.					
MISHICOT PIETERTJE MATADOR LAD 796503----------	8 daughters---	11	10,319	3.4	354
Born, 10-20-39; proved, 5-22-47;----; Wis.	8 dams--------	37	10,306	4.0	413
Sire, 669721; dam, 1945020.	Difference----	(5-1-3)	+ 13	-.6	-59
Herd Owner, Oscar Witte, Mishicot.					
NEWMONT MAN-O-WAR LAD 746374----------	12 daughters--	16	10,888	3.5	380
Born, 9-9-37; proved, 5-15-47;----; Vt.	12 dams-------	54	11,126	3.3	370
Sire, 687035; dam, 1373424.	Difference----	(5-8-6)	-238	+.2	+10
Herd Owner, Orin A. Thomas, Rutland.					
OCTAGONDA VICKERY VALE KING 806472----------	7 daughters---	7	12,240	3.5	427
Born, 2-1-40; proved, 5-27-47;----; Wis.	6 daughters---	6	12,164	3.5	427
Sire, 768821; dam, 1736731.	6 dams--------	13	11,757	3.4	401
Herd Owner, Arthur J. Gafke, Fort Atkinson.	Difference----	(3-4-3)	+407	+.1	+26
O K CARNATION ALCARTRA 775684----------	8 daughters---	16	8,694	3.8	330
Born, 9-22-38; proved, 5-9-47;----; N. Y.	8 dams--------	55	9,355	3.6	339
Sire, 698468; dam, 1242369.	Differenc ----	(1-8-4)	-661	+.2	- 9
Herd Owner, Oscar Kahler & Son, Elmira.					
OLLIE FOBES SEGIS LAD 797603----------	11 daughters--	14	12,057	3.7	445
Born, 12-22-39; proved, 5-2-47;----; Ill.	9 daughters---	11	11,977	3.7	445
Sire, 754053; dam, 1930855.	9 dams--------	18	11,651	3.6	425
Herd Owner, Forrest Gillespie, Oregon.	Difference----	(5-6-6)	+326	+.1	+20
ONA MADAKERK SUZONE 745904----------	10 daughters--	24	11,063	3.2	352
Born, 8-31-37; proved, 5-8-47;----; Pa.	5 daughters---	12	11,034	3.1	342
Sire, 698364; dam, 1920323.	5 dams--------	12	9,584	3.4	329
Herd Owner, J. C. Bedell & Son, Montrose.	Difference----	(4-1-2)	+1,450	-.3	+13
OOSTIE HOESLY LYONS 794207----------	9 daughters---	12	11,941	3.6	429
Born, 3-18-40; proved, 5-14-47;----; Minn.	9 dams--------	32	13,570	3.4	467
Sire, 685009; dam, 1487994.	Difference----	(2-7-3)	-1,629	+.2	-38
Herd Owner, Alfred Hovden, St. James.					
OOSTIE INKA PRINCE 738246----------	6 daughters---	6	11,004	3.6	392
Born, 8-8-36; proved, 5-27-47;----; Wis.	6 dams--------	14	11,025	3.3	366
Sire, 651573; dam, 1679066.	Difference----	(3-5-5)	- 21	+.3	+26
Herd Owner, Frank Dreger & Son, Iron Ridge.					
OOSTIE PREMIER PAYMASTER 774711----------	13 daughters--	15	14,050	3.3	469
Born, 8-24-38; proved, 5-22-47;----; Wis.	12 daughters--	14	14,156	3.3	472
Sire, 725856; dam, 1901026.	12 dams-------	32	13,431	3.2	434
Herd Owner, Theodore Christoph, Chilton.	Difference----	(7-8-9)	+725	+.1	+38
ORMSBY CORRECTION LAD 726280----------	7 daughters---	9	10,103	3.7	376
Born, 1-21-36; proved, 5-29-47;----; Wis.	7 dams--------	41	10,509	3.6	378
Sire, 693339; dam, 1595060.	Difference----	(3-6-3)	-406	+.1	- 2
Herd Owner, Roland Dittmar, South Milwaukee.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ORMSBY JOHANNA WAYNE 734961----------	6 daughters---	8	11,238	3.7	419
Born, 1-22-37; proved, 5-8-47;----; Wis.	6 dams--------	31	12,130	3.7	451
Sire, 656019; dam, 1107917.	Difference----	(1-4-2)	-892	.0	-32
Herd Owner, Rock County Farm, Janesville.					
ORMSBY KING DELLA PRIDE 801711----------	5 daughters---	7	12,518	3.3	415
Born, 5-28-39; proved, 5-14-47;----; Mich.	5 dams--------	9	9,305	3.5	328
Sire, 750085; dam, 1359564.	Difference----	(5-2-5)	+3,213	-.2	+87
Herd Owner, Miller Brothers, Au Gres.					
ORMSBY VEERMAN WALKER POSCH 794720----------	7 daughters---	9	9,378	3.7	349
Born, 10-10-38; proved, 5-9-47;----; Wis.	7 dams--------	26	11,470	3.7	4)
Sire, 749897; dam, 1650253.	Difference----	(2-4-2)	-2,092	.0	-80
Herd Owner, Ben A. Hake & Son, Fort Atkinson.					
OSBORNDALE CAPTAIN SPITFIRE 827889----------	9 daughters---	10	12,278	3.6	441
Born, 2-25-41; proved, 5-22-47;----; Pa.	8 daughters---	8	12,283	3.6	441
Sire, 760645; dam, 1792376.	8 dams--------	17	11,253	3.6	406
Herd Owner, Charles F. Miller, Greencastle.	Difference----	(6-4-6)	+1,030	.0	+35
OSBORNDALE COMET ORMSBY KING 779543----------	17 daughters--	22	9,395	3.5	333
Born, 3-13-38; proved, 5-14-47;----; Va.	13 daughters--	18	9,788	3.5	346
Sire, 676023; dam, 1376316.	13 dams-------	20	11,555	3.2	375
Herd Owner, Bel Aire farms, Proffit.	Difference----	(3-12-6)	-1,767	+.3	-29
OSCAR ORMSBY KORNDYKE 731953----------	7 daughters---	10	11,349	3.5	397
Born, 3-14-36; proved, 5-26-47;----; Ohio.	6 daughters---	9	11,157	3.5	391
Sire, 688821; dam, 1481977.	6 dams--------	9	13,618	3.5	476
Herd Owner, Cole & Arndt, Sullivan.	Difference----	(0-3-1)	-2,461	.0	-85
OVALTOP DANDY CHIEF 802575----------	10 daughters--	11	9,656	3.5	336
Born, 6-24-39; proved, 5-22-47;----; N. J.	8 daughters---	9	9,681	3.5	334
Sire, 712842; dam, 1363757.	8 dams--------	24	10,953	3.4	373
Herd Owner, Wolfe Brothers, Budds Lake.	Difference----	(1-4-3)	-1,272	+.1	-39
PABST SIR PAUL COUNT 748399----------	9 daughters---	13	11,236	3.6	409
Born, 10-11-37; proved, 5-15-47;----; Minn.	8 daughters---	12	11,344	3.6	413
Sire, 659551; dam, 1553590.	8 dams--------	20	12,113	3.5	426
Herd Owner, Harold E. Williams, Lake Crystal.	Difference----	(2-6-4)	-769	+.1	-13
PABST SIR PAUL ORMSBY EYEBRIGHT (TWIN) 782178-----	9 daughters---	15	10,086	3.7	375
Born, 4-29-39; proved, 5-9-47;----; Wis.	8 daughters---	12	10,172	3.7	378
Sire, 659551; dam, 1489419.	8 dams--------	16	10,376	3.5	363
Herd Owner, Gygax Brothers, Waukesha.	Difference----	(4-7-6)	-204	+.2	+15
PABST SIR PAUL PIETERTJE PRINCE 769915----------	8 daughters---	12	13,334	3.4	456
Born, 9-29-38; proved, 5-15-47;----; Mich.	8 dams--------	27	14,009	3.3	465
Sire, 659551; dam, 1735541.	Difference----	(4-6-4)	-675	+.1	- 9
Herd Owner, Robin Carr, Fowlerville.					
PABST SIR PREMIER CORNFLOWER 781176----------	10 daughters--	16	9,658	3.6	346
Born, 8-19-39; proved, 5-27-47;----; Wis.	9 daughters---	14	9,658	3.6	347
Sire, 748393; dam, 1934619.	9 dams--------	20	10,764	3.4	364
Herd Owner, Ela & Haus, Rochester.	Difference----	(5-9-5)	-1,106	+.2	-17
PENSTATE CREATOR SEGIS IMPERATOR 780532----------	5 daughters---	9	9,458	3.5	332
Born, 5-6-39; proved, 5-12-47;----; Pa.	5 dams--------	17	11,047	3.6	400
Sire, 615882; dam, 1508785.	Difference----	(0-2-1)	-1,589	-.1	-68
Herd Owner, Earl M. Lehman, Carlisle.					
PICKERING ORMSBY RETREAT 779470----------	11 daughters--	15	11,226	3.4	385
Born, 10-16-37; proved, 5-1-47;----; Pa.	7 daughters---	9	11,109	3.4	374
Sire, 579260; dam, 1744340.	7 dams--------	13	12,329	3.4	419
Herd Owner, Furman H. Gyger, Jr., Kimberton.	Difference----	(2-3-3)	-1,220	.0	-43
PIEBE DE KOL KING SEGIS 758808----------	6 daughters---	13	9,011	3.8	338
Born, 4-5-37; proved, 5-14-47;----; Pa.	5 daughters---	10	8,998	3.8	339
Sire, 703176; dam, 1504706.	5 dams--------	27	10,824	3.7	399
Herd Owner, Charles C. Hoffer, Carlisle.	Difference	(1-2-0)	-1,826	+.1	-60
PIEBE HENGERVELD PARTHENEA ORMSBY 780602----------	8 daughters---	10	11,022	3.8	415
Born, 4-21-39; proved, 5-1-47;----; Pa.	7 daughters---	9	10,888	3.7	402
Sire, 720866; dam, 1565445.	7 dams--------	34	12,086	3.5	420
Herd Owner, Wilbert A. Kreitzer, Mechanicsburg.	Difference----	(1-7-2)	-1,198	+.2	-18
PIEBE HOMESTEAD COLANTHA BEETS 750163----------	10 daughters--	31	11,046	3.7	412
Born, 2-7-37; proved, 5-15-47;----; Pa.	6 daughters---	17	11,813	3.7	432
Sire, 664564; dam, 1705015.	6 dams--------	15	11,303	3.3	372
Herd Owner, Vance M. Smith, McDonald.	Difference----	(2-5-4)	+510	+.4	+60
PIETERTJE INKA MERCEDES P O M 774428----------	8 daughters---	14	10,682	3.3	356
Born, 3-25-39; proved, 5-8-47;----; Wis.	7 daughters---	13	10,713	3.4	361
Sire, 716024; dam, 1687073.	7 dams--------	25	12,532	3.2	404
Herd Owner, Ben Sadoff, Fond du Lac.	Difference----	(0-4-3)	-1,819	+.2	-43

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
POSCH ORMSBY HENGERVELD 756078----------	6 daughters---	7	11,115	3.7	413
Born, 9-9-37; proved, 5-13-47;----; Pa.	5 daughters---	6	11,268	3.8	424
Sire, 673548; dam, 1603610.	5 dams--------	11	12,155	3.5	420
Herd Owner, Arthur L. Bowell, Thompson.	Difference----	(3-5-3)	-887	+.3	+ 4
PRILLY ADIRONDAC VEEMAN 25TH 736783----------	17 daughters--	17	12,396	3.2	403
Born, 5-8-36; proved, 5-1-47; dead; N. Y.	9 daughters---	9	12,826	3.3	424
Sire, 486265; dam, 1661701.	9 dams--------	14	11,277	3.5	394
Herd Owner, Northmoor, Inc., Amenia.	Difference----	(7-4-6)	+1,549	-.2	+30
PRINCE ORMSBY INKA SENSATION 740539----------	8 daughters---	16	9,778	3.7	366
Born, 6-10-36; proved, 5-29-47;----; Pa.	8 dams--------	23	9,188	3.4	308
Sire, 599323; dam, 1315960.	Difference----	(5-8-5)	+590	+.3	+58
Herd Owner, A. T. Riegel, Landingville.					
QUONQUONT MODEST LIONEL 738961----------	8 daughters---	11	9,333	3.5	329
Born, 10-29-36; proved, 5-27-47;----; N. H.	8 dams--------	26	10,911	3.4	373
Sire, 683317; dam, 1670100.	Difference----	(2-5-1)	-1,578	+.1	-44
Herd Owner, W. Lyman Peters, Laconia.					
RAINBOW SIR BESS ROSE 11TH 780119----------	19 daughters--	32	12,936	3.5	459
Born, 8-30-38; proved, 5-29-47;----; Mich.	18 daughters--	31	12,982	3.5	460
Sire, 724856; dam, 1680707.	18 dams-------	72	12,714	3.5	442
Herd Owner, Charles J. Davis,Onondaga.	Difference----	(13-13-10)	+268	.0	+18
RANDOLPH HOCKSTER LAD 804764----------	15 daughters--	20	9,024	3.5	318
Born, 12-20-39; proved, 5-16-47;----; Va.	15 dams-------	50	9,501	3.6	342
Sire, 702454; dam, 1552857.	Difference----	(6-8-6)	-477	-.1	-24
Herd Owner, William S. Barksdale, Randolph.					
REFORMATORY INKA ORMSBY DE KOL 771326----------	9 daughters---	13	14,422	3.2	467
Born, 4-6-38; proved, 5-1-47; dead; Mich.	8 daughters---	12	14,620	3.3	476
Sire, 629478; dam, 1387220.	8 dams--------	20	13,598	3.4	461
Herd Owner, Frank Merrell & Sons, Howell.	Difference----	(5-3-4)	+1,022	-.1	+15
REFORMATORY PIEBE MARATHON 772690----------	17 daughters--	22	10,536	3.6	382
Born, 7-20-38; proved, 5-15-47;----; Mich.	14 daughters--	17	10,664	3.6	384
Sire, 675183; dam, 1782219.	14 dams-------	33	9,278	3.5	323
Herd Owner, Charles Miller & Sons, Sandusky.	Difference----	(11-12-12)	+1,386	+.1	+61
REGIER TRITOMIA PAUL 778750----------	7 daughters---	7	12,910	3.5	449
Born, 9-24-38; proved, 5-1-47; dead; Kans.	7 dams--------	20	11,566	3.7	424
Sire, 720303; dam, 1571559.	Difference----	(6-2-5)	+1,344	-.2	+25
Herd Owner, Quin-Dale Farms, McPherson.					
REGINALD ALCARTRA 872232----------	6 daughters---	10	13,021	3.2	418
Born, 10-22-38; proved, 5-22-47;----; Mich.	5 daughters---	8	12,661	3.2	401
Sire, 740434; dam, 1249670.	5 dams--------	9	11,335	2.9	329
Herd Owner, Mark Eaton, St. Johns.	Difference----	(5-5-5)	+1,326	+.3	+72
RIGHT ROYAL DESIGN 769433----------	17 daughters--	18	12,862	3.6	458
Born, 11-22-38; proved, 5-15-47;----; Kans.	13 daughters--	14	12,615	3.6	449
Sire, 738106; dam, 1802773.	13 dams-------	31	11,186	3.5	390
Herd Owner, Leo H. Hostetler, Harper.	Difference----	(10-8-9)	+1,429	+.1	+59
R M F INKA DUKE 737868----------	15 daughters--	23	11,710	3.4	394
Born, 12-26-35; proved, 5-26-47;----; N. Y.	5 daughters---	8	11,790	3.5	408
Sire, 695264; dam, 1545762.	5 dams--------	9	10,204	3.3	339
Herd Owner, Lowell F. Mayne, Burlington Flats.	Difference----	(3-3-3)	+1,586	+.2	+69
ROCK RIVER HENGERVELD AL 664525 *5----------	41 daughters--	120	13,313	3.6	480
Born, 12-22-31; proved, 5-23-47;----; Mo.	40 daughters--	119	13,294	3.6	479
Sire, 374618; dam, 1343662.	40 dams-------	209	12,570	3.4	425
Herd Owner, Clyde Hill Farm, Clyde.	Difference----	(23-36-29)	+724	+.2	+54
ROSE HILL PERFECTION PROGRESS 728186 *8----------	13 daughters--	28	11,472	3.6	410
Born, 1-18-36; proved, 5-29-47;----; Minn.	12 daughters--	26	11,572	3.6	413
Sire, 671573; dam, 1548528.	12 dams-------	32	11,778	3.3	394
Herd Owner, Grahamholm Farm, Rochester.	Difference----	(7-10-7)	-206	+.3	+19
ROWSDALE RAG APPLE SNOW 794442----------	7 daughters---	11	6,246	3.8	235
Born, 2-8-39; proved, 5-2-47;----; Pa.	6 daughters---	10	6,187	3.7	229
Sire, 95520 CHB.; dam, 297170 CHB.	6 dams--------	7	9,066	3.2	288
Herd Owner, Wilmarth Brothers, Kingsley.	Difference----	(2-6-3)	-2,879	+.5	-59
ROYAL COLANTHA LESEYLA DIRECT 791342----------	11 daughters--	17	9,307	3.6	338
Born, 12-1-39; proved, 5-8-47;----; Vt.	11 dams-------	35	7,674	3.8	295
Sire, 598396; dam, 1602511.	Difference----	(10-2-7)	+1,633	-.2	+43
Herd Owner, Erwin S. Clark, Vergennes.					
RUSTIC SIR RAINBOW ORMSBY 820653----------	6 daughters---	7	15,916	3.6	580
Born, 1-9-41; proved, 5-21-47; alive; Mich.	6 dams--------	16	12,027	3.4	415
Sire, 780119; dam, 1985585.	Difference----	(6-4-6)	+3,889	+.2	+165
Owner, Michigan Co-op. A. B. A., Inc.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SANATORIAN SEGIS ORMSBY (TWIN) 791143----------	9 daughters---	10	14,411	3.4	494
Born, 12-18-38; proved, 5-14-47;----; Mo.	9 dams--------	13	11,716	3.3	390
Sire, 676293; dam, 1541428.	Difference----	(9-6-9)	+2,695	+.1	+104
Herd Owner, Missouri State Sanatorium, Mt. Vernon.					
SEGIS LONGFIELD POSCH 775083----------	5 daughters---	5	10,573	3.4	356
Born, 2-12-38; proved, 5-9-47;----; Wis.	5 dams--------	11	10,596	3.7	388
Sire, 730669; dam, 1670180.	Difference----	(2-1-2)	- 23	-.3	-32
Herd Owner, Fred Bassuener, Glenbeulah.					
SEVEN X KLAVER LAD 783616----------	15 daughters--	15	15,125	3.7	565
Born, 1-2-39; proved, 5-12-47; dead; Mont.	12 daughters--	12	14,934	3.7	553
Sire, 669253; dam, 1634648.	12 dams-------	36	13,205	3.5	464
Herd Owner, J. C. Steiner, Billings.	Difference----	(9-8-11)	+1,729	+.2	+89
SHANLEY BESSIE OLLIE 779284----------	9 daughters---	13	12,032	3.6	435
Born, 5-23-39; proved, 5-9-47;----; Ill.	8 daughters---	12	12,600	3.6	458
Sire, 726876; dam, 1787368.	8 dams--------	33	12,819	3.7	469
Herd Owner, Winding Lane Farm, Palatine.	Difference----	(3-3-3)	-219	-.1	-11
SHELTER VALLEY SUPERIOR 837175----------	5 daughters---	5	13,554	3.5	476
Born, 2-26-41; proved, 5-22-47;----; N. Y.	5 dams--------	12	15,291	3.7	563
Sire, 778252; dam, 1622095.	Difference----	(2-1-1)	-1,737	-.2	-87
Herd Owner, James H. Stone, Marcellus.					
SIR AAGGIE CREAMELLE DE KOL 755628----------	6 daughters---	13	13,725	3.4	470
Born, 6-14-37; proved, 5-15-47;----; Ohio.	6 dams--------	30	13,709	3.5	479
Sire, 699725; dam, 1541017.	Difference----	(2-4-3)	+ 16	-.1	- 9
Herd Owner, Raymond Minges, Harrison.					
SIR CASCADE SENSATION ORMSBY 776133----------	6 daughters---	6	10,140	3.5	354
Born, 7-18-38; proved, 5-16-47;----; Ill.	6 dams--------	6	11,959	3.4	407
Sire, 641033; dam, 1619484.	Difference----	(1-5-1)	-1,819	+.1	-53
Herd Owner, Delbert Bowser, Illinois City.					
SIR CHANGELING MATADOR HAZELWOOD 748998----------	17 daughters--	36	9,578	3.8	363
Born, 8-5-37; proved, 5-8-47;----; Ill.	10 daughters--	20	10,678	3.7	395
Sire, 560606; dam, 1773000.	10 dams-------	36	11,464	3.4	387
Herd Owner, Robert Holtgrave, Breese.	Difference----	(3-9-6)	-786	+.3	+ 8
SIR CHANGELING VALENTINE MERCEDES 744632----------	5 daughters---	8	10,605	4.0	423
Born, 4-13-37; proved, 5-8-47;----; Kans.	5 dams--------	13	13,195	3.6	475
Sire, 678686; dam, 1832520.	Difference----	(1-5-1)	-2,590	+.4	-52
Herd Owner, H. A. Meier, Abilene.					
SIR CHIMACUM SILVER CREEK 744518----------	17 daughters--	41	14,371	3.3	475
Born, 6-10-36; proved, 5-29-47;----; Wash.	11 daughters--	27	14,525	3.3	487
Sire, 743127; dam, 1788603.	11 dams-------	19	12,368	3.4	415
Herd Owner, Henry Bouchard, Silver Creek.	Difference----	(8-8-8)	+2,157	-.1	+72
SIR CREATOR KORNDYKE INKA 770934----------	7 daughters---	13	10,969	3.3	367
Born, 11-19-38; proved, 5-29-47;----; Pa.	7 dams--------	28	11,479	3.5	399
Sire, 671582; dam, 1777238.	Difference----	(3-3-1)	-510	-.2	-32
Herd Owner, H. E. Kennedy & Sons, Cabot.					
SIR HARTOG PIEBE SEGIS 779195----------	6 daughters---	7	10,400	3.5	366
Born, 2-11-39; proved, 5-9-47;----; Pa.	5 daughters---	6	10,504	3.5	363
Sire, 753041; dam, 1629366.	5 dams--------	14	10,334	3.5	364
Herd Owner, Kruger Estate, Carlisle.	Difference----	(4-3-3)	+170	.0	- 1
SIR INKA PRILLY ORMSBY BLOSSOM 749269----------	6 daughters---	7	10,163	3.5	351
Born, 2-15-37; proved, 5-22-47;----; Wash.	5 daughters---	6	10,197	3.4	351
Sire, 687889; dam, 1121047.	5 dams--------	23	13,060	3.2	416
Herd Owner, Washington State Training School, Chehalis.	Difference----	(0-4-2)	-2,863	+.2	-65
SIR IODAK BESS BURKE PRIDE 744817----------	20 daughters--	24	11,781	3.5	407
Born, 3-9-37; proved, 5-7-47;----; Iowa.	18 daughters--	21	11,706	3.5	408
Sire, 696994; dam, 1757377.	18 dams-------	45	13,395	3.2	432
Herd Owner, Albert Abele & Sons, Garner.	Difference----	(3-15-6)	-1,689	+.3	-24
SIR MAN-O-WAR DICTATOR 784292----------	8 daughters---	12	11,817	3.6	429
Born, 7-20-39; proved, 5-9-47;----; Iowa.	8 dams--------	40	11,293	3.5	396
Sire, 662443; dam, 1755960.	Difference----	(5-8-6)	+524	+.1	+33
Herd Owner, Carl E. Miehe & Son, Maynard.					
SIR MOUNT RIGA PIETERTJE 745644----------	7 daughters---	11	9,625	3.5	335
Born, 5-14-36; proved, 5-13-47;----; Ill.	6 daughters---	8	9,711	3.5	339
Sire, 666192; dam, 1764428.	6 dams--------	12	11,745	3.3	388
Herd Owner, Brookside Farm, Caledonia.	Difference----	(2-4-2)	-2,034	+.2	-49
SIR ORMSBY PANSY PIEBE 733325----------	6 daughters---	17	11,301	3.7	416
Born, 8-28-36; proved, 5-7-47;----; Pa.	6 dams--------	33	12,123	3.6	432
Sire, 641425; dam, 1640819.	Difference----	(2-4-3)	-822	+.1	-16
Herd Owner, H. H. Bradford, Lewistown.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SIR PONTIAC VEEMAN BURKE SEGIS 772797----------	8 daughters---	10	13,874	3.4	466
Born, 10-3-38; proved, 5-9-47;----; Mich.	8 dams--------	17	14,340	3.6	516
Sire, 719457; dam, 1564185.	Difference----	(2-2-2)	-466	-.2	-50
Herd Owner, Walter Cooke, Lake Odessa.					
SIR TRIUNE ORMSBY MAXIE 726075----------	5 daughters---	8	8,661	3.4	292
Born, 2-12-36; proved, 5-23-47;----; N. Y.	5 dams--------	11	11,094	3.3	366
Sire, 568618; dam, 1137810.	Difference----	(1-3-1)	-2,433	+.1	-74
Herd Owner, Glen C. Darling & Son, Conewango Valley.					
SIR VINCENT POSCH 740519----------	33 daughters--	52	11,593	3.4	394
Born, 10-15-36; proved, 5-29-47;----; N. Y.	8 daughters---	12	12,034	3.5	419
Sire, 661108; dam, 1651612.	8 dams--------	17	11,314	3.2	363
Herd Owner, Leon Wales, Norwich.	Difference----	(7-7-8)	+720	+.3	+56
S J C VALLEY EMPEROR STAR 857269----------	5 daughters---	5	16,599	3.7	617
Born, 2-19-42; proved, 5-22-47; alive; Md.	5 dams--------	21	13,855	3.7	516
Sire, 759918; dam, 1490431.	Difference----	(4-4-4)	+2,744	.0	+101
Herd Owner, G. Edgar Roderick, Walkersville.					
SLEEPY HOLLOW LAD INKA GOVERNOR 728789----------	17 daughters--	24	14,864	3.5	515
Born, 10-9-35; proved, 5-29-47;----; Idaho.	14 daughters--	20	15,293	3.5	535
Sire, 677075; dam, 945506.	14 dams-------	32	14,222	3.2	461
Herd Owner, George L. Burri, Nampa.	Difference----	(11-13-12)	+1,071	+.3	+74
SPRINGBANK ARISTOCRAT SNOW 739246----------	16 daughters--	27	11,296	3.5	394
Born, 9-7-36; proved, 5-29-47;----; N. Y.	11 daughters--	19	11,127	3.5	393
Sire, 95520 CHB.; dam, 206357 CHB.	11 dams-------	35	12,544	3.3	416
Herd Owner, Robert L. Scott & Son, Cherry Creek.	Difference----	(3-8-4)	-1,417	+.2	-23
S P S M KING ORMSBY OTHELLO KORNDYKE 750086-------	13 daughters--	22	12,434	3.3	415
Born, 5-18-37; proved, 5-22-47;----; Mich.	11 daughters--	18	12,555	3.3	414
Sire, 652475; dam, 1344348.	11 dams-------	34	12,745	3.5	441
Herd Owner, Mount Pleasant State Home Training School, Mount Pleasant.	Difference----	(6-3-4)	-190	-.2	-27
STARKDALE DONAT 780225----------	14 daughters--	20	10,724	3.9	416
Born, 2-3-39; proved, 5-9-47; dead; N. Y.	14 dams-------	53	11,739	3.5	412
Sire, 695541; dam, 1904944.	Difference----	(3-12-7)	-1,015	+.4	+ 4
Herd Owner, James Stark, Pawling.					
TALCOTT VIEW LAD 754638----------	7 daughters---	8	9,555	3.6	345
Born, 12-12-37; proved, 5-1-47;----; Conn.	6 daughters---	7	9,696	3.6	348
Sire, 579165; dam, 1623816.	6 dams--------	26	11,002	3.7	410
Herd Owner, Mrs. R. J. Norton, Wolcott.	Difference----	(1-3-0)	-1,306	-.1	-62
TRIPLE ORMSBY 803035----------	5 daughters---	10	9,036	3.6	329
Born, 2-16-37; proved, 5-8-47;----; Maine.	5 dams--------	14	9,238	3.7	339
Sire, 667052; dam, 1331942.	Difference----	(3-2-3)	-202	-.1	-10
Herd Owner, Donald Chandler, New Gloucester.					
USNAD HAPPY BOY PRILLY 756629----------	10 daughters--	17	9,525	4.0	378
Born, 11-11-37; proved, 5-14-47;----; Del.	8 daughters---	14	9,095	3.9	357
Sire, 705556; dam, 1810423.	8 dams--------	33	10,908	3.5	377
Herd Owner, Victor Kohl, Middletown.	Difference----	(2-7-3)	-1,813	+.4	-20
U S S H CHIEFTAIN INKA PIEBE 801304----------	5 daughters---	5	11,584	3.2	371
Born, 4-11-40; proved, 5-16-47;----; Va.	5 dams--------	16	10,763	3.5	378
Sire, 752694; dam, 1725943.	Difference----	(3-1-2)	+821	-.3	- 7
Herd Owner, Luck Brothers, Ashland.					
VAN HOOSEN K B O P 347 735123----------	5 daughters---	6	11,044	3.7	411
Born, 9-30-36; proved, 5-8-47;----; Mich.	5 dams--------	9	11,421	3.5	401
Sire, 652274; dam, 1727134.	Difference----	(1-3-3)	-377	+.2	+10
Herd Owner, Kenneth Hobart, Unionville.					
VAN HORNE DENVER CREATOR LAD (TWIN) 768472--------	10 daughters--	13	11,885	3.6	426
Born, 3-27-38; proved, 5-1-47; dead; N. Y.	7 daughters---	10	11,923	3.7	436
Sire, 538202; dam, 1726992.	7 dams--------	14	12,494	3.4	419
Herd Owner, J. V. & E. J. Karlen, Rome.	Difference----	(3-7-4)	-571	+.3	+17
VEEMAN HAZELWOOD PIEBE DE KOL 782760----------	8 daughters---	16	11,493	3.4	388
Born, 11-12-38; proved, 5-1-47;----; Iowa.	7 daughters---	14	11,680	3.4	391
Sire, 737993; dam, 1286738.	7 dams--------	26	10,862	3.4	368
Herd Owner, Iowa County Home, Williamsburg.	Difference----	(5-3-5)	+818	.0	+23
VERMILLION OZONE CLYDE 703330 *9----------	33 daughters--	66	10,457	3.2	331
Born, 8-24-34; proved, 5-15-47;----: Minn.	29 daughters--	56	10,342	3.2	328
Sire, 650387; dam, 1467693.	29 dams-------	68	10,020	3.2	324
Herd Owner, Rochester State Hospital, Rochester.	Difference----	(14-18-14)	+322	.0	+ 4
VERNWAY HAZELWOOD COUNT 779539----------	7 daughters---	[illegible]	12,766	3.5	446
Born, 9-29-36; proved, 5-9-47;----; Wash.	5 daughters---	6	13,139	3.6	473
Sire, 665327; dam, 1695829.	5 dams--------	23	13,422	3.5	464
Herd Owner, Iver W. Youngquist, Bow.	Difference----	(3-3-3)	-283	+.1	+ 9

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
VERNWAY HOMESTEAD GOVERNOR 795079----------	6 daughters---	12	14,173	3.5	498
Born, 2-22-39; proved, 5-14-47;----; Wash.	6 dams--------	41	12,736	3.3	426
Sire, 741071; dam, 1866787.	Difference----	(5-4-5)	+1,437	+.2	+72
Herd Owner, Iver W. Youngquist, Bow.					
VILLISCA MELBA TRITOMIA 752027----------	5 daughters---	10	13,997	3.6	509
Born, 11-30-37; proved, 5-9-47;----; Iowa.	5 dams--------	14	14,616	3.5	507
Sire, 559527; dam, 1610600.	Difference----	(2-4-3)	-619	+.1	+ 2
Herd Owner, Ernest M. Wright, Waterloo.					
WILSON FARM LAKEFIELD HAY 853996----------	6 daughters---	6	9,243	3.7	339
Born, 9-1-40; proved, 5-16-47;----; Pa.	6 dams--------	34	10,367	3.4	357
Sire, 612743; dam, 1990151.	Difference----	(3-5-3)	-1,124	+.3	-18
Herd Owner, Ralph A. Hay, Saxonburg.					
WINTERTHUR FOBES GREAT VISTANA 798832----------	10 daughters--	12	13,185	3.4	447
Born, 2-18-40; proved, 5-14-47;----; Pa.	10 dams-------	38	14,264	3.4	492
Sire, 729449; dam, 1810731.	Difference----	(4-4-3)	-1,079	.0	-45
Herd Owner, Russell S. Dayton, Dimock.					
WISC WALKER SEGIS INKA MAY 747173----------	13 daughters--	20	10,800	3.4	371
Born, 2-26-37; proved, 5-29-47;----; Wis.	11 daughters--	18	10,763	3.4	371
Sire, 706793; dam, 1808137.	11 dams-------	39	10,588	3.3	350
Herd Owner, Abner Engams, Ettrick.	Difference----	(5-8-8)	+175	+.1	+21
WISFOB HARK TRITOMIA FRYSIAN 778990----------	5 daughters---	5	12,620	3.7	463
Born, 1-25-39; proved, 5-1-47;----; Wis.	5 dams--------	18	12,863	3.7	473
Sire, 674860; dam, 1631529.	Difference----	(1-3-2)	-243	.0	-10
Herd Owner, Delavan State School, Delavan.					
WYE OAK DELLA LAD (TWIN) 779177----------	5 daughters---	7	10,589	3.7	393
Born, 2-14-39; proved, 5-1-47;----; Pa.	5 dams--------	8	11,230	3.6	405
Sire, 618582; dam, 1719077.	Difference----	(3-3-2)	-641	+.1	-12
Herd Owner, Elvin Hess, Strasburg.					
YATESCREST BUSTER PIEBE KLAVER (TWIN) 829404------	6 daughters---	8	11,547	3.2	371
Born, 10-20-40; proved, 5-26-47;----; Iowa.	6 dams--------	24	10,449	3.3	349
Sire, 777842; dam, 1421758.	Difference----	(4-2-4)	+1,098	-.1	+22
Herd Owner, John Habbinga, George.					
13-A5184 (DHIA EARTAG)----------	11 daughters--	15	7,051	3.9	277
Born, ----; proved, 5-2-47; dead; Vt.	10 daughters--	14	7,000	3.9	274
Sire, ----; dam, ----.	10 dams-------	25	8,071	4.0	320
Herd Owner, Francis Trombley, Hinesburg.	Difference----	(3-6-4)	-1,071	-.1	-46
22*A58102 (BANGS OR TB EARTAG)----------	6 daughters---	8	7,825	3.8	300
Born, ----; proved, 5-2-47; dead; N. J.	6 dams--------	27	10,146	3.6	366
Sire, ----; dam, ----.	Difference----	(0-5-1)	-2,321	+.2	-66
Herd Owner, J. Kirk Horner, Harrisonville.					
22*225251 (BANGS OR TB EARTAG)----------	6 daughters---	6	10,993	3.9	424
Born, ----; proved, 5-8-47;----; N. J.	6 dams--------	24	9,802	3.6	357
Sire, ----; dam, ----.	Difference----	(5-5-6)	+1,191	+.3	+67
Herd Owner, Fred Teets, Lebanon.					
23*AJ97560 (BANGS OR TB EARTAG)----------	7 daughters---	11	8,527	3.7	316
Born, ----; proved, 5-16-47;----; Pa.	6 daughters---	9	8,593	3.7	321
Sire, ----; dam, ----.	6 dams--------	21	10,540	3.4	357
Herd Owner, S. Paul Ritchie, Rea.	Difference----	(1-6-2)	-1,947	+.3	-36
35*CV48026 (BANGS OR TB EARTAG)----------	8 daughters---	11	10,107	3.5	356
Born, ----; proved, 5-22-47;----; Wis.	8 dams--------	8	10,474	3.7	388
Sire, ----; dam, ----.	Difference----	(3-3-4)	-367	-.2	-32
Herd Owner, Walter Neitzel, Bonduel.					
35*EC49339 (BANGS OR TB EARTAG)----------	8 daughters---	14	11,542	3.3	378
Born, ----; proved, 5-16-47;----; Wis.	7 daughters---	13	11,826	3.3	388
Sire, ----; dam, ----.	7 dams--------	23	11,620	3.3	386
Herd Owner, Frank J. Bauer, Campbellsport.	Difference----	(3-4-4)	+206	.0	+ 2
35*EC63979 (BANGS OR TB EARTAG)----------	7 daughters---	11	12,946	3.9	503
Born, ----; proved, 5-22-47;----; Wis.	6 daughters---	9	12 990	3.9	507
Sire, ----; dam, ----.	6 dams--------	44	12,563	3.7	464
Herd Owner, George & Leonard Yahnke, Burlington.	Difference----	(4-6-5)	+427	+.2	+43
91-B5789 (DHIA EARTAG)----------	18 daughters--	36	13,404	3.6	477
Born, ----; proved, 5-22-47;----; Wash.	15 daughters--	29	13,293	3.6	475
Sire, ----; dam, ----.	15 dams-------	31	12,715	3.4	431
Herd Owner, Wash. State Penitentiary, Walla Walla.	Difference----	(9-13-11)	+578	+.2	+44
95-2189 (DHIA EARTAG)----------	9 daughters---	13	12,885	3.0	389
Born, ----; proved, 5-8-47;----; Hawaii.	7 daughters---	9	12,941	3.0	390
Sire, ----; dam, ----.	7 dams--------	22	12,378	3.3	406
Herd Owner, Hawaiian Agriculture Company, Pahala.	Difference----	(4-1-3)	+563	-.3	-16

JERSEY SIRES	Animals (number)	Records average (number)	Milk (pounds)	Test (percent)	Fat (pounds)
AFTERGLOW DUSTAN LAD 410738----------	8 daughters---	16	7,503	5.6	419
Born, 8-31-39; proved, 5-29-47;----; Mich.	7 daughters---	15	7,867	5.6	442
Sire, 380254; dam, 1197635.	7 dams--------	17	6,589	5.4	353
Herd Owner, Ralph Schroeder & Sons, Owosso.	Difference----	(5-5-6)	+1,278	+.2	+89
AIM'S BLONDE COUNT 413354----------	13 daughters--	17	5,565	5.2	291
Born, 9-27-39; proved, 5-19-47;----; Ariz.	11 daughters--	14	5,654	5.2	296
Sire, 367551; dam, 1172259.	11 dams-------	50	7,640	4.9	377
Herd Owner, Chesney Farm, Glendale.	Difference----	(1-8-2)	-1,986	+.3	-81
BEATALL FAUVIC EMBLEM 407573----------	10 daughters--	16	7,975	5.4	430
Born, 7-22-39; proved, 5-27-47;----; Md.	6 daughters---	9	7,837	5.7	446
Sire, 359463; dam, 1051452.	6 dams--------	10	7,477	5.5	413
Herd Owner, Carl W. Feucht, Elkton.	Difference----	(5-4-5)	+360	+.2	+33
BEAUTY'S GOLDEN LAD 402160----------	7 daughters---	11	5,455	5.4	293
Born, 6-18-39; proved, 5-22-47;----; Pa.	6 daughters---	9	5,491	5.4	296
Sire, 389486; dam, 1059979.	6 dams--------	21	7,142	5.0	354
Herd Owner, J. Roy Humphrey, Slippery Rock.	Difference----	(1-5-1)	-1,651	+.4	-58
BINDLE LODESTAR BILLY 404333----------	7 daughters---	19	7,644	5.1	393
Born, 10-9-38; proved, 5-12-47;----; Pa.	6 daughters---	16	7,384	5.1	379
Sire, 362835; dam, 1061702.	6 dams--------	39	8,759	4.4	386
Herd Owner, T. W. McLain & Son, Moscow.	Difference----	(0-6-2)	-1,375	+.7	- 7
BLONDE LAD'S JIM 422365----------	16 daughters--	21	8,035	5.6	447
Born, 4-14-41; proved, 5-16-47; alive; Wash.	14 daughters--	18	7,909	5.5	437
Sire, 389488; dam, 1073961.	14 dams-------	29	9,013	5.2	472
Herd Owner, R. C. Nelson, Walla Walla.	Difference----	(4-9-4)	-1,104	+.3	-35
BRAMPTON ROYAL NOBLE AIM 408743----------	7 daughters---	8	7,432	5.0	371
Born, 7-1-39; proved, 5-29-47;---; Mich.	5 daughters---	6	7,155	5.0	355
Sire, P.S. 7153 H.C.; dam, 106693 CJCC.	5 dams--------	17	7,899	5.1	404
Herd Owner, William Blumerich & Son, Capac.	Difference----	(1-2-1)	-744	-.1	-49
CEDARHOLM VALIANT CAESAR 424963----------	5 daughters---	5	7,554	5.5	415
Born, 8-28-40; proved, 5-1-47;----; N. Y.	5 dams--------	19	8,357	5.3	440
Sire, 391026; dam, 1226509.	Difference----	(3-3-2)	-803	+.2	-25
Herd Owner, John W. Peelle, Rock Stream.					
CHARLA'S BLONDE POTENTATE 414190 *----------	21 daughters--	27	7,640	5.4	411
Born, 7-15-40; proved, 4-21-47;----; Pa.	20 daughters--	25	7,651	5.4	412
Sire, 347744; dam, 1127588.	20 dams-------	81	7,710	5.5	426
Herd Owner, Erk Brothers, Prompton.	Difference----	(10-9-10)	-59	-.1	-14
CORNELL BOY 409802----------	9 daughters---	15	7,056	4.6	324
Born, 10-2-39; proved, 5-29-47;----; N. Y.	9 dams--------	30	6,663	4.9	327
Sire, 383377; dam, 1194807.	Difference----	(5-2-5)	+393	-.3	- 3
Herd Owner, Floyd M. Neal, North Pitcher.					
DESIGNER'S SILVER PRINCE 423510----------	9 daughters---	9	8,485	5.1	434
Born, 7-18-40; proved, 5-12-47;----; Pa.	9 dams--------	29	8,131	5.1	413
Sire, P.S. 7413 H.C.; dam, 1261073.	Difference----	(5-5-5)	+354	.0	+21
Herd Owner, Roy N. Moose & Sons, Mercer.					
FAIRY MAID'S POGIS MAJESTY 404385----------	15 daughters--	20	9,130	5.1	468
Born, 3-27-39; proved, 5-12-47;----; Ill.	9 daughters---	13	8,685	5.2	450
Sire, 370740; dam, 1231339.	9 dams--------	15	8,021	5.3	422
Herd Owner, Clyde H. Bery, St. Joseph.	Difference----	(6-5-6)	+664	-.1	+28
FANCY FAIRY GAMBOGE 429873----------	5 daughters---	8	6,139	6.4	395
Born, 10-[illegible]-38, proved, 5-14-47, Dead; N. Y.	5 dams--------	18	6,074	6.3	381
Sire, 347111; dam, 1019[illegible].	Difference----	(2-4-2)	+ 65	+.1	+14
Herd Owner, Harry Senford, Savona.					
GAMBOGE QUEEN KING 443897----------	9 daughters---	9	7,454	4.9	364
Born, 5-1-41; proved, 5-14-47;----; Utah.	9 dams--------	26	8,496	4.5	381
Sire, 379117; dam, 842544.	Difference----	(2-9-4)	-1,042	+.4	-17
Herd Owner, Sorensen Brothers, East Garland.					
GOLDEN BLONDE PEDRO 404408----------	7 daughters---	9	5,805	5.3	306
Born, 7-3-39; proved, 5-16-47;----; Pa.	7 dams--------	24	6,403	5.1	325
Sire, 389487; dam, 1044436.	Difference----	(3-6-3)	-598	+.2	-19
Herd Owner, G. C. Saufley, Hummelstown.					
IBSEN ROSE RALEIGH 433765----------	20 daughters--	23	6,644	5.5	364
Born, 11-20-38 proved, 5-12-47;----; Wis.	13 daughters--	15	6,747	5.5	371
Sire, 407167; dam, 1348784.	13 dams-------	14	7,964	4.8	385
Herd Owner, Charles A. Peterson, Rosendale.	Difference----	(3-10-6)	-1,217	+.7	-14
INTERESTED BARON'S HEIR 374958----------	11 daughters--	35	5,892	5.9	350
Born, 10-31-35; proved, 5-22-47;----; N. Y.	8 daughters---	25	5,870	5.9	344
Sire, 350454; dam, 970303.	8 dams--------	17	7,311	5.3	390
Herd Owner, James A. Boggs, Bovina.	Difference----	(1-7-3)	-1,441	+.6	-46

* Incorrectly listed as Bowlina's Blonde Golden Lad 414190

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
J. ROYAL KING WARFIELD 433632----------	7 daughters---	7	6,468	5.1	332
Born, 12-1-41; proved, 5-27-47;----; Vt.	5 daughters---	5	6,302	5.1	319
Sire, 250214; dam, 1139409.	5 dams--------	13	5,990	5.5	329
Herd Owner, Glen Button, Chelsea.	Difference----	(2-1-2)	+312	-.4	-10
KEYNOTER ROWER SULTAN 401787----------	9 daughters---	9	8,401	5.0	416
Born, 9-13-38; proved, 5-22-47;----; Maine.	9 dams--------	15	7,102	5.2	368
Sire, 379095; dam, 1094848.	Difference----	(9-4-6)	+1,299	-.2	+48
Herd Owner, L. M. Mosher & Son, Farmington.					
LORETTA'S OWL TID SHORTY 418686----------	7 daughters---	7	6,463	5.1	332
Born, 2-18-38; proved, 5-27-47;----; Pa.	6 daughters---	6	6,583	5.1	336
Sire, 370506; dam, 1083007.	6 dams--------	18	6,530	5.2	341
Herd Owner, Ford & Milford Smith, Millerton.	Difference----	(4-4-4)	+ 53	-.1	- 5
MARY LOUIS TORONO VICTOR 406575----------	9 daughters---	9	8,015	5.6	446
Born, 2-25-39; proved, 5-27-47;----; Wis.	8 daughters---	8	8,055	5.5	447
Sire, 387478; dam, 668075.	8 dams--------	20	7,289	5.7	416
Herd Owner, William Jensen, River Falls.	Difference----	(6-3-4)	+766	-.2	+31
OHIO VOLANTE 409639----------	7 daughters---	14	6,644	6.1	403
Born, 4-6-40; proved, 5-29-47;----; Ohio.	7 dams--------	31	6,712	5.5	371
Sire, 391578; dam, 1034536.	Difference----	(2-5-4)	- 68	+.6	+32
Herd Owner, Ralph Denzer & Son, Waldo.					
PATRICK LORD LAD 418240----------	6 daughters---	11	8,169	5.5	446
Born, 2-20-40; proved, 5-8-47; dead; Wash.	6 dams--------	26	8,095	5.2	418
Sire, 397562; dam, 1157475.	Difference----	(3-6-5)	+ 74	+.3	+28
Herd Owner, Walter G. Konirsch, Enumclaw.					
POGIS MAJESTY OWL IMPROVER 415532----------	8 daughters---	12	8,263	5.7	472
Born, 6-14-40; proved, 5-27-47;----; Ill.	8 dams--------	37	7,332	5.9	436
Sire, 370740; dam, 1167041.	Difference----	(5-3-6)	+931	-.2	+36
Herd Owner, Roland Eidman, Mascoutah.					
PRIDE STANDARD LORD 401907----------	6 daughters---	10	6,497	5.5	355
Born, 12-12-37; proved, 5-22-47;----; Iowa.	5 daughters---	9	6,641	5.3	355
Sire, 344674; dam, 1152309.	5 dams--------	13	6,581	5.7	373
Herd Owner, Harold R. Massee, Nashua.	Difference----	(3-2-2)	+ 60	-.4	-18
RAE'S QUECHEE GAMBOGE 412700----------	12 daughters--	19	6,873	5.6	387
Born, 9-24-39; proved, 5-27-47;----; Maine.	6 daughters---	11	7,012	5.7	400
Sire, 360347; dam, 743456.	6 dams--------	20	7,212	5.2	371
Herd Owner, C. C. Goodnow, Turner.	Difference----	(3-5-4)	-200	+.5	+29
RANDLEIGH FON VICTOR 408346----------	10 daughters--	11	7,703	4.9	379
Born, 4-4-39; proved, 5-27-47;-----; Md.	10 dams-------	45	7,260	5.1	373
Sire, 300732; dam, 961226.	Difference----	(5-3-5)	+443	-.2	+ 6
Herd Owner, Indian Spring Farm, Darlington.					
ROYAL STANDARD DESIGN 426851----------	6 daughters---	6	9,204	5.3	492
Born, 8-21-41; proved, 5-14-47;----; Iowa.	6 dams--------	17	6,785	5.6	382
Sire, 354680; dam, 901012.	Difference----	(6-1-5)	+2,419	-.3	+110
Herd Owner, W. S. Morrison, Iowa City.					
SAMBO CID FREDERICK 402249----------	5 daughters---	9	6,470	5.7	369
Born, 9-19-38; proved, 5-8-47;----; Pa.	5 dams--------	25	9,372	5.3	493
Sire, 377728; dam, 908040.	Difference----	(0-4-0)	-2,902	+.4	-124
Herd Owner, J. Mack Hood, New Florence.					
SMOKY DUKE'S URION 406675----------	12 daughters--	17	7,911	4.7	373
Born, 10-6-39; proved, 5-27-47;----; Vt.	8 daughters---	12	8,054	4.8	383
Sire, 356655; dam, 1026871.	8 dams--------	27	7,427	5.1	377
Herd Owner, The Hill Farm, St. Albans.	Difference----	(5-2-4)	+627	-.3	+ 6
SOPINA MAY'S TORMENTOR 428189----------	6 daughters---	11	8,513	5.3	454
Born, 1-7-39; proved, 5-14-47;----; Calif.	5 daughters---	9	8,833	5.2	460
Sire, 390554; dam, 1315871.	5 dams--------	16	8,270	5.8	480
Herd Owner, R. W. Levin, Turlock.	Difference----	(3-0-1)	+563	-.6	-20
STANDARD ROYAL ASTOR DESIGN 419189----------	14 daughters--	20	8,362	5.1	426
Born, 12-30-39; proved, 5-14-47;----; Wash.	6 daughters---	8	8,727	5.0	439
Sire, 382747; dam, 1135230.	6 dams--------	14	9,528	4.9	469
Herd Owner, A. W. Gregory & Son, Ellensburg.	Difference----	(1-4-2)	-801	+.1	-30
STANDARD VIKING TORONO 411093----------	11 daughters--	13	7,026	5.8	405
Born, 11-11-38; proved, 5-22-47;----; Vt.	8 daughters---	10	7,096	5.7	407
Sire, 392869; dam, 1122771.	8 dams--------	20	8,770	5.5	478
Herd Owner, John Lerkin, Tunbridge.	Difference----	(2-5-1)	-1,674	+.2	-71
SYBIL ARDMORE OPTION 415227----------	8 daughters---	13	7,679	5.4	413
Born, 5-6-40; proved, 5-22-47;----; Pa.	8 dams--------	41	7,564	5.5	415
Sire, 299045; dam, 785914.	Difference----	(5-3-3)	+115	-.1	- 2
Herd Owner, Erk Brothers, Prompton.					
VALIANT STANDARD OBSERVER 395330----------	7 daughters---	9	6,315	5.0	318
Born, 11-16-37; proved, 5-22-47;----; Vt.	6 daughters---	8	6,454	5.0	325
Sire, 393139; dam, 1195408.	6 dams--------	13	7,073	4.9	345
Herd Owner, Patterson & Holden, Brookfield.	Difference----	(2-5-2)	-619	+.1	-20

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
VICTOR POGIS OF MOLLY BROOK 437914	9 daughters	9	6,341	5.6	358
Born, 3-6-37; proved, 5-27-47;----; Vt.	7 daughters	7	6,591	5.6	370
Sire, 331033; dam, 1359937.	7 dams	38	6,778	5.6	378
Herd Owner, Dana Smith, Lyndonville.	Difference	(2-3-2)	-187	.0	- 8
VICTOR POGIS PAYMASTER 423872	6 daughters	6	6,846	5.3	362
Born, 1-20-41; proved, 5-1-47;----; Pa.	6 dams	20	8,020	4.9	396
Sire, 394410; dam, 1053788.	Difference	(0-3-1)	-1,174	+.4	-34
Herd Owner, Proper & Snyder, Diamond.					
406594	6 daughters	11	5,876	5.7	332
Born, ----; proved, 5-22-47;----; W. Va.	6 dams	32	6,118	5.1	314
Sire, ----; dam, ----.	Difference	(2-5-3)	-242	+.6	+18
Herd Owner, E. G. Johnson & Sons, W.Alexander,Pa.					
409653	6 daughters	11	8,500	5.3	447
Born,----; proved, 5-14-47; alive; Ky.	5 daughters	9	8,750	5.3	465
Sire, ----; dam, ----.	5 dams	13	7,184	5.1	367
Herd Owner, Kentucky Agricultural Experiment Station, Lexington.	Difference	(4-4-5)	+1,566	+.2	+98
RED DANE SIRES					
51*D544 (EARTAG)	15 daughters	16	7,576	4.3	326
Born, ----; proved, 5-12-47; alive; Mich.	11 daughters	11	7,368	4.2	311
Sire, ----; dam, ----.	11 dams	23	8,051	4.1	330
Herd Owner, Edwin Hendrich, Mio.	Difference	(2-7-3)	-683	+.1	-19
51*D546 (EARTAG)	15 daughters	17	9,320	4.0	377
Born, ----; proved, 5-22-47;----; Mich.	15 dams	52	9,184	4.2	389
Sire, ----; dam, ----.	Difference	(9-5-6)	+136	-.2	-12
Herd Owner, Peter Appel & Son, Marlette.					
RED POLLED SIRES					
GOLD MINER ADVANCER 61185	5 daughters	6	8,988	4.2	379
Born, 10-21-40; proved, 5-27-47;----; Minn.	5 dams	10	6,074	3.9	237
Sire, 58652; dam, 83653.	Difference	(5-3-5)	+2,914	+.3	+142
Herd Owner, Clemens Landwehr, St. Cloud.					
SHORTHORN SIRES					
HOLLANDALE HEADLIGHT 1970192	9 daughters	14	6,587	4.2	279
Born, 10-14-38; proved, 5-16-47; alive; Kans.	8 daughters	13	6,065	4.2	258
Sire, 1797198; dam, 1802469.	8 dams	31	5,732	4.3	245
Herd Owner, Harry H. Cotton, St. John.	Difference	(5-5-5)	+333	-.1	+13
PATRIOT'S DUKE 1897397	7 daughters	10	8,168	4.1	337
Born, 9-26-36; proved, 5-16-47;----; Mich.	7 dams	23	9,378	3.8	355
Sire, 1722674; dam, 1737362.	Difference	(2-6-3)	-1,210	+.3	-18
Herd Owner, Carl P. Bradford, Sparta.					
PRIDE OF KINGSDALE 1863297	7 daughters	12	7,203	4.1	294
Born, 9-29-35; proved, 5-14-47;----; Ill.	6 daughters	10	7,048	4.0	285
Sire, 1688098; dam, 1793860.	6 dams	21	8,093	4.3	345
Herd Owner, Kingsdale Farm, Victoria.	Difference	(1-2-0)	-1,045	-.3	-60
AMERICAN DAIRY CATTLE CLUB SIRES					
HARRIS' MARSHALL 389	14 daughters	27	7,404	5.0	372
Born, ----; proved, 5-6-47;----; N. Y.	5 daughters	7	7,722	5.0	383
Sire, ----; dam, ----.	5 dams	7	8,083	5.4	434
Herd Owner, Kenneth A. Patchen, Locke.	Difference	(2-1-2)	-361	-.4	-51
MOUNT HOPE NEBUCHADNEZZAR 187	9 daughters	10	15,043	3.9	594
Born, 7-10-40; proved, 5-27-47;----; N. Y.	9 dams	33	12,636	3.9	488
Sire, 121; dam, 278.	Difference	(9-7-9)	+2,407	.0	+106
Herd Owner, Robert W. Ainsworth, Whitesville.					

CHAUTAUQUA RED MAN 1018
(This sire is also a registered Guernsey "Chautauqua Red Man 256799." Proved Sire data included in Guernsey listing.)

IDYLBROOK CHERIO 507
(This sire is also a registered Guernsey "Idylbrook Cherio 289248." Proved Sire data included in Guernsey listing.)

LAKESIDE DOLLAR 699
(This sire is also a registered Guernsey "Lakeside Dollar 272488." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 23, No. 7

July 1947

MORE PRODUCTION RECORDS FOR PROVING SIRES SHOULD BE REPORTED

During the first 6 months of 1947, association supervisors reported 91,246 lactation records for use in proving DHIA sires. While this is the greatest number of records reported for a similar period since 1942, the percentage of records reported, based on the number of cows on test January 1, remains relatively low.

It is estimated that approximately 65 to 70 percent of the cows on test at the beginning of a year will complete 305-day lactation records during the following 12 months, and approximately 32 to 35 percent of the cows on test should complete lactation records during the first 6 months of the year. On this basis, approximately 270,000 of the 755,546 cows on test should have completed lactation records during the first 6 months of 1947. The 91,246 records reported represents only about 1 out of 3 of the records available for reporting.

The number of sires proved depends on the number of lactation records reported (on form BDI-718) by the association supervisors. The importance of this phase of the DHIA program cannot be over-emphasized. Association members should be urged to work with the association supervisors to see that all available 305-day lactation records are reported for processing in the central office so that they will be available for use in proving sires.

The work of processing lactation record reports in the central office (placing data in files and cross-indexing), which was greatly in arrears during the war years, is now on a current basis. In a few months the work of compiling and analyzing the data and the proving of DHIA sires should be on a current basis also.

Five States reported, during the first half of 1947, a total number of production records equal to 20 percent or more of the cows on test January 1, 1947, as follows:

West Virginia	29.4 percent	Maryland	26.3 percent
Delaware	26.9 percent	Vermont	22.8 percent
Iowa	20.2 percent		

The table on page 2 shows the number of records reported by States during the first 6 months of 1947.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, AND THE PUBLIC HEALTH FILES DURING 1946 and 1947

	1947 (First 6 months)						1946
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported By-- American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Cows for which production records were reported 2/
	Number	Number	Percent	Number	Number	Number	Number
ALA	(3)	0	--	0	0	0	36
ARIZ	5,577	191	3.4	0	0	0	1,325
ARK	0	0	--	0	0	0	0
CALIF	137,276	3,747	2.7	0	85	21	2,927
COLO	4,283	584	13.6	0	35	29	1,019
CONN	10,000	972	9.7	0	320	135	2,773
DEL	1,943	522	26.9	0	5	0	732
FLA	(3)	0	--	0	9	0	0
GA	3,188	161	5.0	14	0	0	214
HAWAII	430	73	17.0	0	0	0	155
IDAHO	5,006	467	9.3	0	6	0	767
ILL	35,615	2,351	6.6	113	69	351	7,499
IND	19,969	871	4.4	32	107	104	1,971
IOWA	28,105	5,691	20.2	0	39	260	10,696
KANS	7,488	1,409	18.8	0	112	33	3,285
KY	5,691	723	12.7	7	0	5	627
LA	1,350	31	2.3	0	0	0	59
MAINE	8,298	625	7.5	0	45	0	2,984
MD	13,423	3,524	26.3	0	180	3	4,863
MASS	8,685	627	7.2	59	213	84	842
MICH	37,708	6,772	18.0	1	120	192	7,779
MINN	38,047	3,412	9.0	5	0	84	8,426
MISS	2,251	127	5.6	0	0	0	0
MO	11,951	1,255	10.5	0	12	11	2,243
MONT	3,636	213	5.9	0	0	0	732
NEBR	2,319	237	10.2	6	2	18	396
NEV	990	7	.7	0	0	0	247
N. H	5,173	403	7.8	10	75	6	1,541
N. J	20,482	3,035	14.8	0	5	70	6,456
N. MEX	1,776	56	3.2	0	0	0	0
N. Y	71,900	14,118	19.6	463	748	174	24,810
N. C	4,676	111	2.4	0	81	0	0
N. DAK	0	0	--	0	0	0	0
OHIO	23,241	2,518	10.8	5	292	223	4,782
OKLA	2,168	116	5.4	0	0	0	104
OREG	14,184	1,553	10.9	0	1	17	648
PA	63,604	6,739	10.6	45	565	47	26,608
P. R	1,100	0	--	0	0	0	0
R. I	603	27	4.5	0	37	0	0
S. C	0	0	--	0	0	5	0
S. DAK	1,172	86	7.3	0	0	16	99
TENN	4,092	216	5.3	0	0	0	412
TEX	5,849	172	2.9	0	0	0	319
UTAH	7,958	925	11.6	0	0	0	1,016
VT	17,402	3,973	22.8	25	136	44	9,178
VA	31,427	6,210	19.8	0	0	0	6,896
WASH	23,533	2,379	10.1	0	29	21	8,976
W. VA	[illegible]	1,683	29.4	0	57	9	2,521
WIS	75,145	12,294	16.4	43	67	488	16,973
WYO	1,117	40	3.6	0	0	0	0
U. S	775,546	91,246	11.8	813	3,452	2,447	173,937

1/ Includes cows enrolled since January 1, 1947.
2/ Production records reported on BDI-718.
3/ No report.

DHIA PROVED-SIRE RECORDS TABULATED IN JUNE 1947

Following is a list of 360 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in June 1947. Production records used in proving DHIA sires consist of 305-day lactation records standarized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the association is listed as the owner.

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
AUCHENBRAIN JONATHAN, IMP. 52349	14 daughters	22	8,636	4.1	350
Born, 6-7-35; proved, 6-12-47; ----; Conn.	8 daughters	16	9,076	4.0	362
Sire, 52348; dam, 172591.	8 dams	31	9,220	4.2	383
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference	(3-3-3)	-144	-.2	-21
CHANNEL FARM ADMIRATION 60746	10 daughters	15	8,494	4.1	347
Born, 1-20-39; proved, 6-12-47; ----; Ohio.	8 daughters	12	8,365	4.0	338
Sire, 53831; dam, 161745.	8 dams	22	9.306	4.1	383
Herd Owner, W. O. Christopher, Pataskala.	Difference	(2-5-2)	-941	-.1	-45
GLEN FOERD PRINCE HEATHER 59102	8 daughters	13	8,254	4.2	347
Born, 1-8-38; proved, 6-17-47; ----; Pa.	5 daughters	7	7,789	4.4	340
Sire, 44638; dam, 134124.	5 dams	18	8,925	4.0	355
Herd Owner, Glen Foerd Farms, Philadelphia.	Difference	(1-5-2)	-1,136	+.4	-15
GOLD LEAF'S GUIDE OF MELLOW MEADOWS 52682	12 daughters	26	9,020	3.8	344
Born, 4-22-33; proved, 6-5-47; ----; Vt.	7 daughters	11	9,101	3.8	349
Sire, 41486; dam, 78287.	7 dams	11	8,820	3.8	338
Herd Owner, The Hedges, Middlebury.	Difference	(3-4-3)	+281	.0	+11
HOMESITE EXCEPTION'S STAR 60970	12 daughters	13	7,569	3.9	295
Born, 3-5-39; proved, 6-17-47; dead; N. Y.	12 dams	33	7,705	3.9	302
Sire, 41621; dam, 149975.	Difference	(6-5-6)	-136	.0	-7
Herd Owner, H. H. Hunter & Son, Scipio Center.					
LINDEN CREST GRAND DUKE 58517	7 daughters	11	7,135	4.2	298
Born, 10-12-37; proved, 6-9-47; ----; Pa.	6 daughters	9	7,443	4.1	309
Sire, 43723; dam, 142955.	6 dams	13	8,253	4.2	347
Herd Owner, Ray Perry & Son, Ulster.	Difference	(3-4-2)	-810	-.1	-38
MONTANA HARRY 49729	15 daughters	19	10,088	3.9	398
Born, 4-21-34; proved, 6-6-47; dead; Mont.	10 daughters	14	9,897	3.9	390
Sire, 44546; dam, 130490.	10 dams	10	10,341	3.7	386
Herd Owner, H. B. Mitchell, Great Falls.	Difference	(4-8-3)	-444	+.2	+ 4
PENSHURST FULFILLMENT 58790	7 daughters	10	8,074	4.0	322
Born, 3-29-38; proved, 6-9-47; alive; Pa.	7 dams	20	7,983	4.2	333
Sire, 50792; dam, 115467.	Difference	(3-3-3)	+91	-.2	-11
Herd Owner, Normandy Farm, Norristown.					
PENSHURST GREAT STAR 38293	13 daughters	24	8,904	3.8	335
Born, 9-1-28; proved, 6-6-47; dead; Ill.	10 daughters	18	9,007	3.8	342
Sire, 32551; dam, 95532.	10 dams	43	8,829	3.8	337
Herd Owner, University of Illinois, Urbana.	Difference	(3-7-3)	+178	.0	+5
SYCAMORE REPEATER 47697	22 daughters	51	8,820	3.9	341
Born, 9-1-33; proved, 6-24-47; ----; Md.	9 daughters	21	8,751	3.9	344
Sire, 35622; dam, 79639.	9 dams	24	7,838	3.8	299
Herd Owner, Oaklea Farms, Street.	Difference	(6-7-6)	+913	+.1	+45
WHITPAIN LAYMAN 62585 *(Nov. 1946)	10 daughters	13	8,781	4.3	382
Born, 10-24-39; proved, 6-20-47; ----; Conn.	8 daughters	11	8,185	4.4	357
Sire, 43060; dam, 120416.	8 dams	24	10,061	4.1	408
Owner, Massachusetts A.B.A., Mass.	Difference	(1-7-2)	-1,876	+.3	-51
WOODHULL KING BEE 55636	9 daughters	16	7,164	4.2	299
Born, 8-15-35; proved, 6-6-47; ----; Kans.	6 daughters	8	7,619	4.2	319
Sire, 39764; dam, 142361.	6 dams	29	8,874	3.9	350
Herd Owner, Harry Higgins, Abbyville.	Difference	(1-6-2)	-1,255	+.3	-31
WOODLAWN UL QUAIL DUKE 60654	7 daughters	8	9,223	4.2	387
Born, 1-2-39; proved, 6-5-47; ----; Mass.	7 dams	30	8,894	4.1	367
Sire, 43060; dam, 144696.	Difference	(5-6-4)	+329	+.1	+20
Herd Owner, Fannie O. Leonard, Raynham.					
62081	15 daughters	19	7,363	4.2	306
Born, ----; proved, 6-23-47; ----; Md.	6 daughters	8	6,961	4.1	284
Sire, ----; dam, ----.	6 dams	8	8,274	4.2	348
Herd Owner, Therapia Farm, Owings Mills.	Difference	(1-3-0)	-1,313	-.1	-64

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
63144	15 daughters	20	9,287	4.3	404
Born, ----; proved, 6-23-47; ----; N. Y.	15 dams	51	9,750	4.1	398
Sire, ----; dam, ----.	Difference	(7-13-7)	-463	+.2	+6
Owner, Massachusetts A.B.A., Mass.					
65610	10 daughters	10	11,320	4.2	480
Born, ----; proved, 6-30-47; ----; Mass.	9 daughters	9	11,484	4.2	482
Sire, ----; dam, ----.	9 dams	39	10,687	4.1	440
Owner, Massachusetts A.B.A.	Difference	(7-6-7)	+ 797	+.1	+42

BROWN SWISS SIRES

ANN'S SUNNY BOY 39125	16 daughters	31	10,924	4.0	438
Born, 4-23-37; proved, 6-5-47; ----; Wis.	12 daughters	23	11,087	4.0	444
Sire, 29489; dam, 50158.	12 dams	42	9,502	4.0	376
Herd Owner, Haines Brothers, Dodge.	Difference	(8-6-9)	+1,585	.0	+68
BEAUTY'S CHAMPION DAIRYMAN OF PLEASANT KNOLL 38420	6 daughters	10	9,931	3.9	387
Born, 1-20-37; proved, 6-30-47; ----; Ind.	6 dams	17	10,037	4.0	399
Sire, 25046; dam, 37334.	Difference	(2-3-2)	-106	-.1	-12
Herd Owner, George Hubenthal, Lucerne.					
BUTTERNUT N. R. 38610	8 daughters	8	10,689	4.2	454
Born, 12-27-36; proved, 6-17-47; ----; Ill.	7 daughters	7	10,704	4.2	453
Sire, 24513; dam, 31979.	7 dams	23	12,111	4.0	487
Herd Owner, R. C. Zwicker & Sons, Preemption.	Difference	(2-6-3)	-1,407	+.2	-34
CLARA'S LADDIE'S LARRY 43081	17 daughters	23	10,318	3.6	368
Born, 10-2-38; proved, 6-4-47; ----; Ill.	12 daughters	16	10,561	3.6	379
Sire, 36174; dam, 39755.	12 dams	17	7,702	3.7	289
Herd Owner, John Schlappi, Winslow.	Difference	(9-4-10)	+2,859	-.1	+90
YOUR PINE ACE 35876	11 daughters	18	8,763	3.9	344
Born, 10-12-35; proved, 6-9-47; ----; Ill.	6 daughters	11	9,997	3.9	394
Sire, 29108; dam, 34248.	6 dams	14	8,879	4.0	352
Herd Owner, Ervin Marti, Mokena.	Difference	(2-3-2)	+1,118	-.1	+42
LAURA MARCEL'S HERZOG 40482	7 daughters	18	7,757	4.2	325
Born, 8-2-37; proved, 6-17-47; ----; N. Y.	5 daughters	13	7,783	4.4	339
Sire, 32951; dam, 41640.	5 dams	19	9,692	4.2	403
Herd Owner, Albert E. Dean & Son, Sherman.	Difference	(0-4-0)	-1,909	+.2	-64
LUELLA'S BOY 50597	5 daughters	6	8,582	3.9	338
Born, 9-16-40; proved, 6-4-47; ----; Pa.	5 dams	21	7,083	4.2	295
Sire, 18588; dam, 36371.	Difference	(5-3-5)	+1,499	-.3	+43
Herd Owner, J. M. Delozier, Hollidaysburg.					
MAURICE'S MONARCH OF MT. VERNON 42565	11 daughters	17	10,532	3.9	414
Born, 12-21-38; proved, 6-3-47; ----; W. Va.	6 daughters	10	11,198	3.9	438
Sire, 26063; dam, 40687.	6 dams	11	11,760	3.9	457
Herd Owner, H. E. Shadle, Beach Hill.	Difference	(3-4-3)	-562	.0	-19
PHEIFER LEE V. S. 45512	9 daughters	16	10,312	4.5	462
Born, 4-3-39; proved, 6-4-47; ----; Mich.	6 daughters	11	10,397	4.2	434
Sire, 34432; dam, 48435.	6 dams	14	7,984	3.6	285
Herd Owner, Herman Liniger, Clio.	Difference	(6-6-6)	+2,413	+.6	+149
PLEASANT KNOLL ELENOR'S COLLEGE BOY 41026	8 daughters	13	10,228	3.8	390
Born, 12-22-37; proved, 6-3-47; dead; Ill.	8 dams	38	10,283	3.9	400
Sire, 29825; dam, 59215.	Difference	(4-4-5)	-55	-.1	-10
Herd Owner, Ray J. & Donald R. Folgate, Dakota.					
PRAIRIELAND FRIETAG 2D'S BEAUTY BOY 38856	12 daughters	19	9,714	3.9	383
Born, 1-4-36; proved, 6-17-47; dead; Ill.	8 daughters	15	10,919	3.9	428
Sire, 27161; dam, 15509.	8 dams	29	10,215	3.9	402
Herd Owner, Perry O. Keltner, Pearl City.	Difference	(5-5-6)	+704	.0	+26
PRIVET'S ROYAL JUNIOR OF LEE'S HILL 37565 *(Aug. 1946)	16 daughters	24	11,895	4.2	503
Born, 3-18-37; proved, 6-30-47; ----; Conn.	10 daughters	17	12,203	4.2	515
Sire, 28594; dam, 36503.	10 dams	42	11,724	3.9	456
Owner, Eastern Stephenson A. B. A., Ill.	Difference	(6-9-7)	+479	+.3	+59
TESSIE'S ADMIRAL JEFF OF ROSELAND 35973	5 daughters	6	9,287	4.0	376
Born, 6-14-36; proved, 6-3-47; dead; Ill.	5 dams	19	9,884	4.0	399
Sire, 29090; dam, 22044.	Difference	(2-4-2)	-597	.0	-23
Herd Owner, Andrew Lehmann & Sons, Forrest.					
V. B. ROYAL VOGEL 50600	5 daughters	5	9,913	3.8	373
Born, 9-18-40; proved, 6-6-47; ----; Wis.	5 dams	19	11,366	3.8	436
Sire, 34432; dam, 55223.	Difference	(0-3-2)	-1,453	.0	-63
Herd Owner, Jake Voegeli & Brothers, Monticello.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ALFACREST'S Q. V. CHALLENGER 273978----------	10 daughters-	16	8,334	4.6	385
Born, 6-22-38; proved, 6-24-47; ----; Ohio.	5 daughters-	9	8,771	4.6	403
Sire, 248732; dam, 430143.	5 dams------	19	8,167	4.7	382
Herd Owner, Dr. Charles P. Adkins, Coldwater.	Difference---	(4-4-4)	+604	-.1	+21
ALGOMA'S BONNIE'S ROYAL 229230----------	9 daughters-	17	6,030	5.2	311
Born, 5-7-35; proved, 6-30-47; ----; Wis.	5 daughters-	8	5,958	5.1	303
Sire, 132194; dam, 178860.	5 dams------	9	6,230	4.8	300
Herd Owner, E. J. Fowler & M. Beebe, Oshkosh.	Difference---	(3-4-3)	-272	+.3	+3
ALLENHOLM ROYALTY 280220----------	7 daughters-	9	7,523	4.4	330
Born, 10-15-39; proved, 6-30-47; ----; Vt.	7 dams------	14	7,322	4.8	349
Sire, 213325; dam, 494679.	Difference---	(5-0-2)	+201	-.4	-19
Herd Owner, George A. Caswell, Grand Isle.					
AUDLEY'S CHIEFTAIN 243363----------	16 daughters-	25	8,476	4.4	369
Born, 5-2-34; proved, 6-30-47; ----; N. J.	9 daughters-	15	8,313	4.4	370
Sire, 140783; dam, 175179.	9 dams------	21	8,043	4.7	377
Herd Owner, Simpkins Brothers, Yardville.	Difference---	(4-2-3)	+270	-.3	-7
AUDLEY'S LINCOLN PRINCE 245937----------	19 daughters-	39	7,095	5.1	362
Born, 11-21-36; proved, 6-24-47; ----; N. J.	18 daughters-	37	7,075	5.1	361
Sire, 217482; dam, 360054.	18 dams------	100	6,816	5.3	360
Herd Owner, George R. Smith & Sons, Allentown.	Difference---	(8-7-7)	+259	-.2	+1
BEAUTY'S ROGER OF OWEN'S PLACE 202232----------	9 daughters-	17	8,545	5.1	439
Born, 1-20-32; proved, 6-30-47; ----; Ind.	5 daughters-	7	9,021	5.2	465
Sire, 110034; dam, 227670.	5 dams------	9	9,366	4.9	463
Herd Owner, Dietrich Farms, Inc. & Daniel Germann, Bremen.	Difference---	(3-4-2)	-345	+.3	+ 2
BELLE'S BUTTERFAT LAD 275559----------	11 daughters-	16	6,988	4.9	341
Born, 2-26-39; proved, 6-6-47; ----; Wis.	7 daughters-	9	7,223	4.9	357
Sire, 197999; dam, 259596.	7 dams------	16	7,142	4.9	353
Herd Owner, August Plagge & Sons, Holcombe.	Difference---	(4-3-3)	+81	.0	+4
BENTON'S GAY LAD 236764----------	6 daughters-	7	7,933	4.1	326
Born, 4-17-36; proved, 6-17-47; ----; Va.	6 dams------	31	6,953	4.3	301
Sire, 160258; dam, 359727.	Difference---	(5-3-6)	+980	-.2	+25
Herd Owner, Mrs. Myrtle E. Coleman Estate, Paeonian Springs.					
BERESFORD'S FERDINAND 273653----------	12 daughters-	14	7,967	4.7	376
Born, 1-21-39; proved, 6-24-47; ----; Mich.	9 daughters-	10	8,139	4.7	382
Sire, 209639; dam, 501476.	9 dams------	28	7,709	4.6	358
Owner, Michigan Co-op. A. B. A., Inc.	Difference---	(3-7-4)	+430	+.1	+24
BRINWOOD'S ADMIRAL AJAX 302748----------	5 daughters-	8	6,556	4.6	305
Born, 5-27-40; proved, 6-9-47; ----; Iowa.	5 dams------	9	6,875	4.8	331
Sire, 242451; dam, 437503.	Difference---	(2-1-2)	-319	-.2	-26
Herd Owner, W. L. Brintnall, Marshalltown.					
CATHEDRAL RHODA'S PRINCE 238758----------	12 daughters-	19	6,703	4.9	329
Born, 5-10-36; proved, 6-9-47; ----; N. Y.	11 daughters-	18	6,910	4.8	334
Sire, 177171; dam, 149818.	11 dams------	30	7,314	4.6	334
Herd Owner, Herman E. Harrison & Sons, Oneonta.	Difference---	(4-9-5)	-404	+.2	0
CESOR NEPTUNE 284186----------	14 daughters-	15	8,892	5.1	457
Born, 9-10-39; proved, 6-19-47; ----; Mich.	14 dams------	40	7,941	5.0	397
Sire, 255917; dam, 596674.	Difference---	(10-8-10)	+951	+.1	+60
Owner, Michigan Co-op. A. B. A., Inc.					
CESOR NOBLE'S JULES 279597----------	7 daughters-	11	6,440	5.2	334
Born, 4-28-38; proved, 6-17-47; ----; Mich.	7 dams------	15	7,222	5.7	409
Sire, 212790; dam, 287148.	Difference---	(2-2-0)	-782	-.5	-75
Herd Owner, Sashbow Ranch, Clarkston.					
CHARLESCOTE ALERT 268561----------	13 daughters-	21	8,141	4.4	357
Born, 2-28-38; proved, 6-4-47; ----; Vt.	13 dams------	75	7,640	4.6	348
Sire, 236364; dam, 478675.	Difference---	(10-5-8)	+501	-.2	+9
Herd Owner, Ray Allen, South Hero.					
CHAUTAUQUA MARATHON 280984----------	6 daughters-	8	7,469	4.7	351
Born, 9-15-39; proved, 6-6-47; ----; N. Y.	6 dams------	16	6,692	5.0	336
Sire, 267520; dam, 612974.	Difference---	(3-2-3)	+777	-.3	+15
Herd Owner, Lawrence E. Saxton, Ashville.					
CORIUM'S FASHION'S SQUIRE 236689----------	10 daughters-	11	5,602	4.8	266
Born, 2-13-36; proved, 6-30-47; ----; Wis.	5 daughters-	5	5,442	4.9	266
Sire, 214206; dam, 464799.	5 dams------	12	5,234	4.9	259
Herd Owner, Decorah Farm, West Bend.	Difference---	(3-3-3)	+208	.0	+7
CORONATION CONCENTRATE 257582----------	9 daughters-	15	8,511	5.1	430
Born, 9-14-37; proved, 6-6-47; ----; Ill.	8 daughters-	14	8,411	5.0	421
Sire, 238549; dam, 217437.	8 dams------	27	9,374	5.2	490
Herd Owner, Burton Lane Farms, Lake Forest.	Difference---	(2-3-0)	-963	-.2	-69

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CORONATION EMPEROR 257303	15 daughters-	19	7,666	4.7	362
Born, 9-2-37; proved, 6-9-47; ----; Vt.	10 daughters-	12	7,579	4.8	363
Sire, 221369; dam, 398731.	10 dams------	23	8,217	4.6	380
Herd Owner, Kenwood Farm, Shelburne.	Difference---	(3-5-3)	-638	+.2	-17
CRUSADER JESSE OF PINEBROOK 230155	8 daughters-	11	8,865	5.0	444
Born, 5-25-35; proved, 6-19-47; ----; Pa.	7 daughters-	10	9,186	5.0	460
Sire, 126189; dam, 147260.	7 dams------	29	9,809	5.2	507
Herd Owner, E. F. Stewart, Colmar.	Difference---	(2-3-2)	-623	-.2	-47
DICKEY BOY OF MARSHALLANE 233792	6 daughters-	12	6,776	5.1	344
Born, 10-9-35; proved, 6-30-47; ----; Wis.	6 dams------	37	6,361	4.8	306
Sire, 190174; dam, 252165.	Difference---	(4-4-5)	+415	+.3	+38
Herd Owner, Burchard & Erdman, Jefferson.					
DICK OF KISHACOQUILLAS 231149	11 daughters-	23	7,340	5.2	378
Born, 5-28-33; proved, 6-23-47; ----; Pa.	6 daughters-	13	7,031	5.2	364
Sire, 68943; dam, 118773.	6 dams------	23	7,298	4.6	338
Herd Owner, Edwin Hooker & J. T. Adams, Belleville.	Difference---	(2-6-5)	-267	+.6	+26
DICTATOR OF TERSANA FARM 287876	6 daughters-	9	8,813	4.5	399
Born, 1-25-39; proved, 6-6-47; ----; Conn.	6 dams------	23	8,847	4.4	391
Sire, 192368; dam, 536571.	Difference---	(3-4-3)	-34	+.1	+8
Herd Owner, Mumford Dairies, Inc., Salem.					
DOUGLASTON PRINCE ERNEST 249820	11 daughters-	20	8,215	5.0	411
Born, 2-6-37; proved, 6-9-47; dead; N. Y.	6 daughters-	14	8,952	4.9	436
Sire, 161527; dam, 311829.	6 dams------	15	9,465	5.0	477
Herd Owner, Sherman Lake, Lyons.	Difference---	(3-4-2)	-513	-.1	-41
EAST-MOUNT ABNER 252361	9 daughters-	11	6,361	4.8	308
Born, 12-8-36; proved, 6-6-47; ----; Vt.	7 daughters-	9	6,548	4.7	311
Sire, 225866; dam, 157281.	7 dams------	27	7,964	4.4	349
Herd Owner, Albert D. Mills, Florence.	Difference---	(0-6-1)	-1,416	+.3	-38
EDGEWOOD EDWIN 235626 *8	27 daughters-	60	8,823	4.8	421
Born, 5-16-36; proved, 6-18-47; ----; N. Y.	22 daughters-	47	8,819	4.8	425
Sire, 220013; dam, 315872.	22 dams------	68	8,649	4.6	396
Herd Owner, L. A. & Anna Stilwell, Interlaken.	Difference---	(11-18-12)	+170	+.2	+29
ELMWOOD FARMS LEADER'S LADDIE 293567	18 daughters-	23	7,461	5.3	394
Born, 3-26-40; proved, 6-30-47; ----; N. Y.	15 daughters-	20	7,576	5.2	396
Sire, 279704; dam, 419125.	15 dams------	55	7,771	5.2	403
Owner, New York Co-op. A. B. A., Inc.	Difference---	(8-9-7)	-195	.0	-7
ETH-MEAD PRIMROSE'S FOREMAN 292408	6 daughters-	6	6,897	4.7	327
Born, 10-27-39; proved, 6-4-47; alive; Mich.	5 daughters-	5	6,992	4.9	339
Sire, 189819; dam, 489749.	5 dams------	5	6,854	4.8	332
Herd Owner, Shiawassee River Farm, Byron.	Difference---	(2-2-3)	+138	+.1	+ 7
EXCALIBUR OF ELBURJA FARMS 282117 *10	14 daughters-	19	8,316	4.8	395
Born, 7-28-39; proved, 6-5-47; ----; Mich.	13 daughters-	18	8,319	4.7	395
Sire, 209639; dam, 536996.	13 dams------	40	8,229	4.7	387
Owner, Michigan Co-op. A. B. A., Inc.	Difference---	(7-8-6)	+90	.0	+8
FLORHAM RAMPART 221832	10 daughters-	27	9,000	4.6	410
Born, 8-31-34; proved, 6-30-47; ----; Pa.	8 daughters-	19	8,934	4.5	401
Sire, 205352; dam, 189715.	8 dams------	25	8,642	5.0	436
Herd Owner, William F. Fretz, Pipersville.	Difference---	(3-0-3)	+292	-.5	-35
FOREMOST STARSHOOT 260090 *8	20 daughters-	34	7,049	5.0	350
Born, 3-21-37; proved, 6-11-47; ----; Conn.	13 daughters-	24	7,372	4.9	362
Sire, 212227; dam, 407822.	13 dams------	33	7,747	4.8	371
Owner, Connecticut A. B. A.	Difference---	(5-10-6)	-375	+.1	-9
FRITZLYN JUPITER GIFT 230347	14 daughters-	17	7,710	4.8	369
Born, 5-27-35; proved, 6-23-47; ----; Pa.	9 daughters-	10	7,825	4.8	373
Sire, 185818; dam, 322178.	9 dams------	15	6,467	4.9	315
Herd Owner, Victor H. Hurd, Millerton.	Difference---	(7-3-6)	+1,358	-.1	+58
FRITZLYN VAL JUPITER 283388	5 daughters-	6	8,831	5.1	450
Born, 9-22-39; proved, 6-4-47; dead; Pa.	5 dams------	21	8,606	4.5	384
Sire, 214206; dam, 449918.	Difference---	(4-5-4)	+225	+.6	+66
Herd Owner, John Buss & Son, Nazareth.					
GOLDEN GRANGE CHALLENGER 284502	5 daughters-	6	8,599	4.8	410
Born, 4-4-39; proved, 6-12-47; ----; Ohio.	5 dams------	19	7,583	4.8	364
Sire, 248732; dam, 368126.	Difference---	(3-1-3)	+1,016	.0	+46
Herd Owner, Coldwater Guernsey Dairy, Coldwater.					
GOLDEN HARVEST PLAY BOY 293979	5 daughters-	9	8,833	4.6	408
Born, 10-1-38; proved, 6-6-47; ----; Conn.	5 dams------	12	9,197	4.5	413
Sire, 225340; dam, 512921.	Difference---	(2-3-2)	-364	+.1	-5
Herd Owner, Golden Harvest Farms, Bridgewater.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GWYNLLAN BEACON 284439----------	8 daughters-	11	8,089	4.9	393
Born, 1-14-40; proved, 6-4-47; dead; Pa.	7 daughters-	10	7,820	4.8	377
Sire, 229507; dam, 309434.	7 dams------	22	8,277	4.7	392
Herd Owner, Paul Grimm, Hummelstown.	Difference---	(1-4-2)	-457	+.1	-15
HANNAH'S MAXIM 273293----------	6 daughters-	14	7,911	4.8	383
Born, 11-6-38; proved, 6-4-47; ----; Va.	6 dams------	19	7,147	4.8	343
Sire, 155873; dam, 430467.	Difference---	(3-3-3)	+764	.0	+40
Herd Owner, George W. Palmer, Green Bay.					
HODY'S LAD OF GREEN GROVE 264074----------	6 daughters-	6	6,922	5.0	348
Born, 3-30-38; proved, 6-12-47; ----; Pa.	5 daughters-	5	7,155	4.9	353
Sire, 228716; dam, 392533.	5 dams------	16	8,283	4.9	406
Herd Owner, Roland H. Seely, Nescopeck.	Difference---	(1-3-2)	-1,128	.0	-53
HOWLAND GALLANT CAVALIER 289378----------	9 daughters-	10	7,495	5.0	373
Born, 4-6-40; proved, 6-5-47; ----; Conn.	9 dams------	36	7,330	5.0	365
Sire, 183294; dam, 477268.	Difference---	(5-5-6)	+165	.0	+8
Herd Owner, Mumford Dairies, Inc., Salem.					
INVERNESS NED 229546----------	5 daughters-	5	7,897	4.5	356
Born, 10-20-35; proved, 6-17-47; ----; Va.	5 dams------	9	7,350	4.9	361
Sire, 110894; dam, 331331.	Difference---	(2-1-2)	+547	-.4	-5
Herd Owner, Dr. J. C. Rawls, Franklin.					
JANE'S DUKE OF SPRING GROVE 278177----------	5 daughters-	7	8,435	4.8	403
Born, 4-11-39; proved, 6-17-47; ----; Pa.	5 dams------	26	8,783	4.6	403
Sire, 226407; dam, 303808.	Difference---	(2-4-2)	-348	+.2	0
Herd Owner, Earl Stewart, Belle Vernon.					
JEWEL'S IDOL LADDIE 282240----------	12 daughters-	18	7,336	4.5	330
Born, 8-18-39; proved, 6-30-47; ----; Minn.	7 daughters-	10	7,365	4.4	325
Sire, 225950; dam, 270626.	7 dams------	14	7,418	4.4	324
Owner, West St. Louis Co. A. B. A.	Difference---	(4-3-3)	-53	.0	+1
JOBETTY'S IKE 229034----------	10 daughters-	12	7,901	4.6	362
Born, 7-12-35; proved, 6-17-47; ----; Pa.	6 daughters-	8	7,164	4.5	323
Sire, 152811; dam, 322061.	6 dams------	19	8,752	4.7	411
Herd Owner, A. H. Scott, Rea.	Difference---	(1-2-0)	-1,588	-.2	-88
JONACRE PHAROS' DAFOE 295313----------	10 daughters-	10	7,109	4.8	340
Born, 4-17-40; proved, 6-6-47; ----; Wis.	7 daughters-	7	7,042	4.7	333
Sire, 255925; dam, 570355.	7 dams------	25	8,172	5.0	412
Herd Owner, John H. Frederick, Appleton.	Difference---	(1-1-0)	-1,130	-.3	-79
JOY'S INDEPENDENT OF MONDAMIN 286632----------	6 daughters-	10	7,971	5.0	402
Born, 10-5-39; proved, 6-9-47; dead; N. J.	6 dams------	20	8,669	5.3	456
Sire, 161961; dam, 464390.	Difference---	(2-3-2)	-698	-.3	-54
Herd Owner, George W. & Herbert T. Borden, Mickleton.					
KING OF ANCESTRAL ACRES 272834----------	6 daughters-	12	8,517	4.4	375
Born, 8-27-37; proved, 6-17-47; ----; Ohio.	5 daughters-	10	8,554	4.4	378
Sire, 228440; dam, 343393.	5 dams------	18	7,354	4.5	332
Herd Owner, E. J. Brookhart, Celina.	Difference---	(3-2-4)	+1,200	-.1	+46
KITCHENER ROYAL CLANSMAN 290972----------	6 daughters-	6	6,577	4.8	316
Born, 8-7-39; proved, 6-6-47; ----; Vt.	5 daughters-	5	6,708	4.8	325
Sire, 214096; dam, 382338.	5 dams------	20	8,123	4.5	366
Herd Owner, William S. Bliss, Georgia.	Difference---	(2-4-2)	-1,415	+.3	-41
KLONDIKE HAROUN 273610----------	22 daughters-	26	7,272	4.8	350
Born 11-23-38; proved, 6-23-47; ----; Va.	20 daughters-	24	7,528	4.8	365
Sire, 237473; dam, 453450.	20 dams------	48	5,460	4.8	263
Herd Owner, Ellerslie Farm, Petersburg.	Difference---	(18-14-18)	+2,068	.0	+102
LANGDON OF PINEBROOK 243485----------	5 daughters-	9	7,824	4.9	385
Born, 6-17-36; proved, 6-30-47; ----; Pa.	5 dams------	25	8,668	5.2	451
Sire, 161961; dam, 352307.	Difference---	(3-2-1)	-844	-.3	-66
Herd Owner, William C. Clark, Lahaska.					
LANGWATER DARIUS 289244----------	9 daughters-	10	10,383	4.8	494
Born, 10-17-39; proved, 6-24-47; ----; N. H.	9 dams------	24	9,225	5.0	462
Sire, 252899; dam, 501195.	Difference---	(7-4-7)	+1,158	-.2	+32
Herd Owner, Rosewald Farm, Hillsboro.					
LAUREL LOCKS STEADFAST 285382----------	12 daughters-	14	7,777	5.2	403
Born, 3-5-40; proved, 6-19-47; ----; Pa.	8 daughters-	9	7,505	5.2	388
Sire, 223074; dam, 262437.	8 dams------	19	6,804	5.1	350
Herd Owner, Laurel Locks Farms, Pottstown.	Difference---	(5-5-5)	+701	+.1	+38
LISETER GLORIA'S SUNNY 285058----------	10 daughters-	10	7,609	4.6	352
Born, 2-23-40; proved, 6-6-47; dead; Pa.	9 daughters-	9	7,669	4.7	359
Sire, 208412; dam, 565441.	9 dams------	25	7,305	4.8	350
Herd Owner, Clarence A. Lash, West Newton.	Difference---	(6-4-6)	+364	-.1	+9

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LOCKSHORE PRINCE 295052----------	20 daughters-	25	8,531	4.7	399
Born, 6-14-40; proved, 6-9-47; ----; Iowa.	18 daughters-	23	8,754	4.7	409
Sire, 194628; dam, 366476.	18 dams------	56	8,997	4.7	425
Herd Owner, M. W. Miller & Son, Wellman.	Difference---	(8-9-7)	-243	.0	-16
LUXERIN MODERATOR 206965----------	8 daughters-	17	7,623	4.8	366
Born, 7-17-32; proved, 6-9-47; ----; Wis.	5 daughters-	9	8,194	4.8	397
Sire, 124825; dam, 135294.	5 dams------	16	6.086	4.7	284
Herd Owner, John D. Hill, Rosendale.	Difference---	(4-3-5)	+2,108	+.1	+113
MAPLE LANE GORDIE'S AFRICANDER 228552----------	9 daughters-	13	8,346	4.5	378
Born, 7-27-35; proved, 6-19-47; ----; Kans.	9 dams------	33	7,583	4.8	364
Sire, 116932; dam, 332047.	Difference---	(5-3-5)	+763	-.3	+14
Herd Owner, Charles A. Cook, Mound City.					
MARSHAL OF M. R. DAIRY FARM 232445----------	5 daughters-	9	9,018	4.8	434
Born, 6-24-35; proved, 6-23-47; ----; Wis.	5 dams------	15	8,653	4.6	400
Sire, 154484; dam, 295868.	Difference---	(3-4-4)	+365	+.2	+34
Herd Owner, M. & R. Dairy Farm, Eagle River.					
MAYBELLE'S AMBLER 271388----------	12 daughters-	15	8,594	5.1	441
Born, 10-4-38; proved, 6-24-47; ----; Wis.	11 daughters-	13	8,597	5.2	446
Sire, 220990; dam, 334781.	11 dams------	34	8,729	4.9	429
Herd Owner, Shellhouse Brothers, Menomonie.	Difference---	(4-8-7)	-132	+.3	+17
MCDONALD FARMS ELMER 288789----------	10 daughters-	12	7,279	5.0	362
Born, 11-6-39; proved, 6-12-47; ----; Pa.	8 daughters-	10	7,518	5.0	374
Sire, 233983; dam, 455548.	8 dams------	15	7,803	4.7	370
Herd Owner, Norman Carter, Montrose.	Difference---	(4-6-4)	-285	+.3	+4
MCDONALD FARMS EMERSON 303213----------	10 daughters-	13	7,042	4.7	334
Born, 3-25-39; proved, 6-9-47; ----; Ind.	7 daughters-	9	6,838	4.7	321
Sire, 233983; dam, 465725.	7 dams------	13	7,215	4.8	349
Herd Owner, Arthur Horton, Valparaiso.	Difference---	(2-3-2)	-377	-.1	-28
MCDONALD FARMS ENOS 293917----------	8 daughters-	9	6,150	4.4	271
Born, 6-11-39; proved, 6-12-47; ----; Pa.	7 daughters-	7	6,186	4.4	271
Sire, 212939; dam, 445828.	7 dams------	30	7,526	4.6	349
Herd Owner, Norris Farms, Dimock.	Difference---	(2-2-0)	-1,340	-.2	-78
MCDONALD FARMS FRANK 299997----------	7 daughters-	7	6,842	4.9	334
Born, 8-31-40; proved, 6-6-47; ----; Vt.	6 daughters-	6	6,933	4.9	341
Sire, 233983; dam, 401594.	6 dams------	23	7,662	4.8	364
Herd Owner, Albert D. Mills, Florence.	Difference---	(2-4-2)	-729	+.1	-23
MEADOWLAND POP EYE 297389----------	6 daughters-	9	6,759	4.7	315
Born, 3-8-40; proved, 6-19-47; ----; N. J.	5 daughters-	8	7,034	4.6	326
Sire, 239069; dam, 246074.	5 dams------	11	6,587	4.7	306
Herd Owner, Paul Astalosh, Pennington.	Difference---	(3-1-4)	+447	-.1	+20
MILLER FARMS PRINCE PAUL 228422----------	6 daughters-	11	7,242	5.1	366
Born, 4-3-35; proved, 6-24-47; ----; N. J.	6 dams------	18	7,744	4.9	377
Sire, 204362; dam, 324215.	Difference---	(2-5-3)	-502	+.2	-11
Herd Owner, Miller Farms, Annandale.					
MOBIE DICK OF BELLEVUE 272367----------	7 daughters-	8	5,764	5.2	300
Born, 12-12-38; proved, 6-24-47; ----; Va.	6 daughters-	7	6,090	5.2	318
Sire, 233576; dam, 484658.	6 dams------	16	6,599	4.6	307
Herd Owner, W. B. Wilson, Churchville.	Difference---	(2-6-3)	-509	+.6	+11
NASHOBA BELROSE PROPHET 306530----------	12 daughters-	14	7,461	4.4	328
Born, 10-15-39; proved, 6-16-47; dead; Vt.	11 daughters-	13	7,336	4.4	322
Sire, 245498; dam, 566313.	11 dams------	37	7,684	4.9	379
Herd Owner, Charles Reed, Vergennes.	Difference---	(3-1-1)	-348	-.5	-57
OBERLAND'S BROADCASTER 240345----------	5 daughters-	7	9,231	4.7	436
Born, 2-1-36; proved, 6-30-47; ----; Ohio.	5 dams------	7	8,455	4.9	414
Sire, 197899; dam, 352722.	Difference---	(4-1-3)	+776	-.2	+22
Herd Owner, Charles Lloyd Ober & Son, Novelty.					
PHAROS LAUGHTER'S STANDARD 281926----------	9 daughters-	10	8,456	4.8	406
Born, 10-7-39; proved, 6-9-47; dead; Conn.	9 dams------	23	8,109	4.6	376
Sire, 205109; dam, 485362.	Difference---	(6-6-8)	+347	+.2	+30
Herd Owner, F. W. Muncie, Putnam.					
PINEWOOD'S CAESAR 223846----------	9 daughters-	18	6,741	4.8	326
Born, 7-1-34; proved, 6-30-47; ----; Wis.	5 daughters-	8	6,551	4.8	313
Sire, 206533; dam, 366572.	5 dams------	10	7,783	4.8	374
Herd Owner, Fred Sy & Son, Kiel.	Difference---	(1-3-1)	-1,232	.0	-61
PRINCE OF THE GRACE FARMS 275119----------	13 daughters-	26	7,147	4.6	327
Born, 12-2-36; proved, 6-17-47; ----; Pa.	10 daughters-	17	7,381	4.5	335
Sire, 203454; dam, 324109.	10 dams------	38	7,153	4.8	340
Herd Owner, Charles Grove & Sons, Dallastown.	Difference---	(5-4-5)	+228	-.3	-5

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
RICHMOND CAESAR 249041----------	8 daughters-	11	9,043	5.0	448
Born, 6-9-35; proved, 6-12-47; ----; Wash.	5 daughters-	7	9,116	4.8	435
Sire, 7362 CHB; dam, 2867 CHB.	5 dams------	9	10,364	4.8	495
Herd Owner, Fred Manthey, Bellingham.	Difference---	(2-2-2)	-1,248	.0	-60
RIDGLYDALE'S FIERY ALERT 250772 *(Dec. 1946)----------	17 daughters-	23	6,865	4.9	336
Born, 11-20-36; proved, 6-11-47; dead; Ill.	15 daughters-	20	6,832	4.9	335
Sire, 198651; dam, 335839.	15 dams------	55	7,962	4.6	367
Herd Owner, Sidney V. Holt, Rio.	Difference---	(4-12-5)	-1,130	+.3	-32
ROCK CREEK FLASH 274741----------	7 daughters-	9	6,118	5.0	303
Born, 1-15-39; proved, 6-17-47; ----; Ill.	5 daughters-	6	6,091	5.1	308
Sire, 212814; dam; 290337.	5 dams------	8	8,212	4.9	404
Herd Owner, Ralph A. Burnham, Macomb.	Difference---	(0-3-0)	-2,121	+.2	-96
ROCK CREEK PETROS 288442----------	5 daughters-	6	7,172	5.1	366
Born, 11-24-39; proved, 6-17-47; ----; Ill.	5 dams------	12	8,331	5.1	422
Sire, 175063; dam, 381237.	Difference---	(0-3-1)	-1,159	.0	-56
Herd Owner, Edward K. Hardy, Barrington.					
ROCKINGHAM GALLANT 276223----------	10 daughters-	15	9,054	4.5	404
Born, 10-1-38; proved, 6-17-47; ----; Md.	8 daughters-	12	9,218	4.5	416
Sire, 215922; dam, 385106.	8 dams------	14	8,730	4.5	392
Herd Owner, Bertram B. Wright & Son, White Hall.	Difference---	(4-5-5)	+488	.0	+24
ROGER OF CORN BLOSSOM FARM 273438----------	6 daughters-	7	8,111	5.5	446
Born, 9-16-38; proved, 6-12-47; ----; Ill.	6 dams------	8	6,383	5.4	344
Sire, 200130; dam, 426752.	Difference---	(6-4-5)	+1,728	+.1	+102
Herd Owner, Walnut Tree Farm, Palatine.					
SADIE'S CATHEDRAL SEQUEL 292904----------	12 daughters-	16	8,297	4.7	392
Born, 3-31-40; proved, 6-18-47; ----; Pa.	7 daughters-	10	7,520	4.8	359
Sire, 208449; dam, 267894.	7 dams------	24	6,287	4.7	299
Herd Owner, Herman P. Hege, Chambersburg.	Difference---	(6-4-5)	+1,233	+.1	+60
ST. ALBANS VALOR 293831----------	7 daughters-	9	7,266	5.1	368
Born, 4-15-40; proved, 6-5-47; alive; Mo.	7 dams------	19	6,169	5.4	331
Sire, 146503; dam, 454600.	Difference---	(6-2-6)	+1,097	-.3	+37
Herd Owner, Albert Schluckenbier, Palmyra.					
SEQUEL OF BURNHAM ACRES 236033----------	10 daughters-	13	7,679	4.9	378
Born, 2-29-36; proved, 6-17-47; ----; Pa.	8 daughters-	11	7,881	4.9	390
Sire, 158460; dam, 152140.	8 dams------	47	7,667	4.9	376
Herd Owner, O. S. Burnham & Son, Harmonsburg.	Difference---	(5-4-5)	+214	.0	+14
SHAMROCK'S JASPER OF SURROGATE 275693----------	24 daughters-	39	7,961	4.6	365
Born, 3-25-39; proved, 6-17-47; alive; Ariz.	21 daughters-	34	8,053	4.6	371
Sire, 221195; dam, 396662.	21 dams------	80	7,778	4.7	369
Herd Owner, Shamrock Dairy, Tucson.	Difference---	(12-8-13)	+275	-.1	+2
SHERWOOD FOREST JUDGE 273228 *(July 1946)----------	17 daughters-	28	8,296	4.9	407
Born, 12-31-38; proved, 6-20-47; ----; Del.	14 daughters-	25	8,422	5.0	418
Sire, 225916; dam, 458250.	14 dams------	39	7,258	4.7	344
Owner, Indiana A. B. A., Ind.	Difference---	(8-10-11)	+1,164	+.3	+74
SHOREACRE'S MAXIM 273866----------	9 daughters-	10	7,468	4.5	334
Born, 9-12-37; proved, 6-6-47; ----; Wis.	6 daughters-	7	7,161	4.4	315
Sire, 239980; dam, 467812.	6 dams------	14	5,650	4.9	275
Herd Owner, John R. Pattee, Waupun.	Difference---	(6-1-5)	+1,511	-.5	+40
SLOGAN'S JOCK OF MAPLE LEAF 282197----------	7 daughters-	13	5,807	5.0	292
Born, 2-19-39; proved, 6-9-47; ----; Minn.	7 dams------	23	7,876	5.0	394
Sire, 157255; dam, 528322.	Difference---	(1-6-1)	-2,069	.0	-102
Herd Owner, Bernard Wacholz, Stockton.					
STRONGHEART'S ROYAL 232209----------	5 daughters-	12	6,114	4.8	294
Born, 5-27-35; proved, 6-4-47; dead; Pa.	5 dams------	15	7,737	4.9	382
Sire, 102416; dam, 328315.	Difference---	(0-2-0)	-1,623	-.1	-88
Herd Owner, George P. Evans, Hellam.					
SUCKERBROOK'S SPARTAN 297679----------	10 daughters-	10	7,514	5.2	391
Born, 1-29-40; proved, 6-5-47; ----; Mich.	7 daughters-	7	7,208	5.2	372
Sire, 209639; dam, 553534.	7 dams------	15	7,190	4.8	349
Herd Owner, Walter Wire & Son, Berrien Springs.	Difference---	(4-7-6)	+18	+.4	+23
SUE'S JARVIS OF SUMMIT 236320----------	16 daughters-	24	9,509	4.5	432
Born, 3-20-36; proved, 6-6-47; ----; Wis.	8 daughters-	12	9,458	4.5	429
Sire, 216969; dam, 404112.	8 dams------	10	9,543	4.5	427
Herd Owner, Mrs. Herman Miller & Son, Black Creek.	Difference---	(4-5-5)	-85	.0	+2
SUNNYBROOK SATELLITE 235772----------	6 daughters-	8	7,795	4.9	386
Born, 9-19-35; proved, 6-4-47; dead; N. J.	5 daughters-	7	7,795	5.0	391
Sire, 205537; dam, 151442.	5 dams------	6	7,337	4.7	346
Herd Owner, Stewart Dangler & Sons, Wayside.	Difference---	(4-4-3)	+458	+.3	+45

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
TARBELL FARMS NOBLE JASON 253115 *(Sept. 1946)----------	17 daughters-	31	8,226	4.6	381
Born, 7-5-37; proved, 6-30-47; ----; N. Y.	17 dams------	84	8,464	4.7	402
Sire, 223971; dam, 436593.	Difference---	(8-6-6)	-238	-.1	-21
Owner, New York Co-op. A. B. A., Inc.					
TESSIBELL'S JOE OF CAMBRA 226216----------	7 daughters-	15	7,430	5.0	374
Born, 1-31-35; proved, 6-17-47; ----; Pa.	6 daughters-	14	7,699	5.0	387
Sire, 201118; dam, 278246.	6 dams------	19	9,265	4.9	454
Herd Owner, Harold Wilkinson & Son, Shickshinny.	Difference---	(0-4-0)	-1,566	+.1	-67
THANE OF WILDWOOD 286942----------	9 daughters-	10	7,547	5.0	377
Born, 1-25-40; proved, 6-12-47; dead; Vt.	8 daughters-	9	7,569	5.0	378
Sire, 221098; dam, 444033.	8 dams------	36	7,757	5.0	391
Herd Owner, Meadow View Farm, Newfane.	Difference---	(2-3-2)	-188	.0	-13
TIANNA'S KENMOOR MAXIM 239980 *6----------	46 daughters-	128	9,246	4.9	453
Born, 1-17-36; proved, 6-18-47; ----; Wis.	39 daughters-	101	9,025	4.9	446
Sire, 96278; dam, 354145.	39 dams------	132	8,503	4.7	395
Herd Owner, L. W. Cowan & Son, Oshkosh.	Difference---	(23-33-31)	+522	+.2	+51
VISCOUNT OF HALFRED FARMS 275389----------	9 daughters-	10	9,284	4.6	423
Born, 8-7-37; proved, 6-30-47; ----; Ohio.	7 daughters-	8	9,474	4.5	424
Sire, 247251; dam, 305257.	7 dams------	13	9,714	4.9	475
Owner, Central Ohio A. B. A.	Difference---	(3-0-1)	-240	-.4	-51
YOCLIFF GLEN 294303----------	6 daughters-	7	6,832	5.0	345
Born, 12-12-39; proved, 6-12-47; dead; Pa.	6 dams------	25	7,650	4.9	379
Sire, 234909; dam, 235712.	Difference---	(2-3-3)	-818	+.1	-34
Herd Owner, J. D. Lunger, Lairdsville.					
35*EW2971 (BANGS OR TB EARTAG)----------	8 daughters-	12	7,473	4.7	351
Born, ----; proved, 6-23-47; ----; Wis.	7 daughters-	10	7,296	4.7	344
Sire, ----; dam, ----.	7 dams------	19	5,809	4.5	260
Herd Owner, Harold Cody, Sparta.	Difference---	(6-5-6)	+1,487	+.2	+84
35*EZ6893 (BANGS OR TB EARTAG)----------	8 daughters-	17	8,560	4.9	422
Born, ----; proved, 6-24-47; ----; Wis.	8 dams------	33	8,781	5.1	447
Sire, ----; dam, ----.	Difference---	(5-3-4)	-221	-.2	-25
Herd Owner, Bruhn & Hickcox, Spring Green.					

HOLSTEIN SIRES

ABBEKERK POSCH RAG APPLE 773867----------	13 daughters-	17	10,900	3.4	370
Born, 3-15-37; proved, 6-3-47; ----; N. Y.	8 daughters-	10	10,163	3.4	347
Sire, 88758 CHB; dam, 240202 CHB.	8 dams------	24	10,399	3.5	368
Herd Owner, Allan G. Doren, Ogdensburg.	Difference---	(2-3-2)	-236	-.1	-21
ABEGWEIT PLUTO 14TH 650856----------	14 daughters-	18	9,890	3.4	336
Born, 8-30-31; proved, 6-9-47; ----; Vt.	13 daughters-	15	9,764	3.4	332
Sire, 591372; dam, 1331097.	13 dams------	62	10,087	3.5	356
Herd Owner, A. L. Miller, Vernon.	Difference---	(8-4-6)	-323	-.1	-24
ACACIA PEERLESS SAM 785745----------	8 daughters-	9	9,365	3.5	332
Born, 5-1-39; proved, 6-4-47; dead; Ill.	6 daughters-	6	9,666	3.5	342
Sire, 705144; dam, 1919659.	6 dams------	19	9,633	3.6	346
Herd Owner, William H. Schrage, Trenton.	Difference---	(3-2-3)	+33	-.1	-4
ADMIRAL CLOTHILDE ORMSBY FOBES 829331----------	5 daughters-	5	10,978	3.6	399
Born, 12-3-40; proved, 6-24-47; ----; Pa.	5 dams------	16	10,785	3.6	388
Sire, 743726; dam, 1790532.	Difference---	(3-4-3)	+193	.0	+11
Herd Owner, Mrs. Myrtle McLain, Moscow.					
ALBUS FARM SAMUEL POSCH 795830----------	9 daughters-	9	8,826	3.4	302
Born, 12-17-39; proved, 6-24-47; ----; Pa.	9 dams------	25	13,375	3.3	445
Sire, 723575; dam, 1743917.	Difference---	(0-8-0)	-4,549	+.1	-143
Herd Owner, Zahniser Brothers, Mercer.					
BAKER FARM IMPROVER 755100----------	10 daughters-	12	10,945	3.6	392
Born, 4-2-38; proved, 6-3-47; ----; Maine.	7 daughters-	9	11,304	3.5	398
Sire, 608348; dam, 1731825.	7 dams------	13	11,486	3.5	404
Owner, Androscoggin Valley A. B. A.	Difference---	(3-1-3)	-182	.0	-6
BARRSON SEGIS MATADOR ORMSBY 809155----------	10 daughters-	10	9,483	3.9	365
Born, 9-6-40; proved, 6-9-47; dead; W. Va.	10 dams------	45	10,591	3.3	353
Sire, 711952; dam, 2006586.	Difference---	(3-8-4)	-1,108	+.6	+12
Herd Owner, C. E. Hicks, West Alexander, Pa.					
BELLE CREST ORMSBY BOAST 764787----------	32 daughters-	39	9,856	3.6	357
Born, 1-28-38; proved, 6-30-47; ----; Vt.	31 daughters-	38	9,855	3.6	356
Sire, 611511; dam, 1466227.	31 dams------	109	9,445	3.7	351
Herd Owner, Roy Wood, Pittsford.	Difference---	(17-16-16)	+410	-.1	+5

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BELL FARM FOBES KING CARAM 785820----------	11 daughters-	14	11,516	3.4	393
Born, 5-29-39; proved, 6-4-47; ----; Pa.	5 daughters-	7	12,010	3.4	410
Sire, 662512; dam, 1782466.	5 dams------	12	13,794	3.4	463
Herd Owner, Harry Ranch, Ronks.	Difference---	(1-3-1)	-1,784	.0	-53
BELL FARM PIETERTJE ORMSBY 716806----------	8 daughters-	9	9,040	3.6	325
Born, 2-23-35; proved, 6-4-47; ----; Pa.	5 daughters-	6	8,754	3.6	313
Sire, 662512; dam, 1031663.	5 dams------	7	10,022	3.5	351
Herd Owner, Harry W. Thrush, Chambersburg.	Difference---	(3-4-3)	-1,268	+.1	-38
BLYTHEFIELD C P TRIUNE 723674----------	7 daughters-	10	11,862	3.5	417
Born, 1-12-36; proved, 6-30-47; ----; Mich.	7 dams------	21	10,978	3.2	350
Sire, 579343; dam, 1197641.	Difference---	(6-6-7)	+884	+.3	+67
Herd Owner, Rowland Locke, Charlotte.					
BUTTER BOY SIR SKYLARK 781202----------	5 daughters-	5	12,262	3.3	409
Born, 11-11-38; proved, 6-4-47; ----; Ill.	5 dams------	16	13,221	3.4	447
Sire, 754516; dam, 1634036.	Difference---	(2-4-2)	-959	-.1	-38
Herd Owner, D. C. Dow, Rockford.					
BUTTER BOY SUNBEAM ORMSBY FOBES 754516----------	9 daughters-	9	10,704	3.5	377
Born, 1-18-37; proved, 6-4-47; ----; Iowa.	6 daughters-	6	10,722	3.6	389
Sire, 635145; dam, 1481442.	6 dams------	12	10,742	3.6	385
Herd Owner, Floyd Gilley, Maynard.	Difference---	(3-4-3)	-20	.0	+4
CARNATION EXCELLENCE 743690 *(Feb. 1947)----------	29 daughters-	33	10,270	3.5	359
Born, 1-10-37; proved, 6-24-47; ----; Minn.	14 daughters-	18	11,111	3.5	391
Sire, 677084; dam, 1512352.	14 dams------	33	11,261	3.4	378
Owner, Southern Minnesota A. B. A.	Difference---	(8-12-8)	-150	+.1	+13
CARNATION HAZELWOOD KORNDYKE LAD 792129----------	15 daughters-	18	10,493	3.5	366
Born, 3-10-40; proved, 6-30-47; ----; N. Y.	13 daughters-	16	10,565	3.5	372
Sire, 629480; dam, 1771810.	13 dams------	39	11,142	3.5	388
Owner, Broome Co-op. A. B. A., Inc.	Difference---	(5-8-5)	-577	.0	-16
CATTARCO PRINCE ORMSBY WAYNE BURKE 831693----------	6 daughters-	10	11,232	3.6	402
Born, 12-3-39; proved, 6-18-47; ----; N. Y.	5 daughters	8	11,556	3.6	415
Sire, 752181; dam, 1874191.	5 dams------	16	11,620	3.5	405
Herd Owner, Cattaraugus County Welfare Dept. Farm, Machias.	Difference---	(2-4-3)	-64	+.1	+10
CHEROKEE SIR LORAINE 828411----------	8 daughters-	8	15,403	3.5	533
Born, 5-23-41; proved, 6-16-47; ----; Iowa.	5 daughters-	5	15,183	3.6	551
Sire, 748290; dam, 1988939.	5 dams------	6	12,905	3.6	459
Herd Owner, Joe Fuhr, Boyden.	Difference---	(5-3-5)	+2,278	.0	+92
CHIEF NITTANYVALE MARLA 743477----------	15 daughters-	23	8,952	3.4	307
Born, 4-8-37; proved, 6-16-47; ----; Pa.	14 daughters-	22	8,925	3.4	306
Sire, 698505; dam, 1488383.	14 dams------	60	9,921	3.6	357
Herd Owner, H. C. Hummer, Titusville.	Difference---	(3-3-1)	-996	-.2	-51
CHIEF PIEBE NINE-O-FIVE GERB-COLAN J 820748----------	13 daughters-	16	9,875	3.6	357
Born, 11-13-40; proved, 6-30-47; ----; N. Y.	12 daughters-	14	9,989	3.6	360
Sire, 444088; dam, 1791026.	12 dams------	35	11,367	3.6	409
Herd Owner, Hollis J. Davis, Frewsburg.	Difference---	(1-5-0)	-1,378	.0	-49
CHUM BURKE PANSY OF HIGHPATH 755931----------	8 daughters-	9	12,096	3.6	433
Born, 10-18-37; proved, 6-9-47; ----; Wis.	6 daughters-	7	12,236	3.5	433
Sire, 706343; dam, 1859186.	6 dams------	12	11,552	3.5	402
Herd Owner, C. Gust Gillis, Woodville.	Difference---	(3-4-3)	+684	.0	+31
CLOUDCREST MERCEDES PREMIER 827016----------	8 daughters-	9	8,025	3.6	287
Born, 6-7-41; proved, 6-18-47; ----; Pa.	6 daughters-	6	7,448	3.6	267
Sire, 765702; dam, 1985146.	6 dams------	17	10,730	3.6	390
Herd Owner, Kelsey Stone, Pleasant Mount.	Difference---	(0-3-0)	-3,282	.0	-123
CLOVERCOURT ORMSBY ROYAL BLEND 788399----------	8 daughters-	9	16,217	3.4	546
Born, 10-4-39; proved, 6-26-47; ----; N. Y.	8 dams------	23	14,297	3.4	491
Sire, 722643; dam, 1959808.	Difference---	(5-3-5)	+1,920	.0	+55
Herd Owner, Peter Martens, Bainbridge.					
CLOVE VALLEY BUTTER BOY 787323 *(Aug. 1946)----------	14 daughters-	20	12,070	3.4	410
Born, 9-27-39; proved, 6-27-47; ----; N. Y.	14 dams------	54	11,650	3.4	398
Sire, 764576; dam, 1598977.	Difference---	(11-6-11)	+420	.0	+12
Owner, New York Co-op. A. B. A., Inc.					
CLYDE HILL MARATHON BESS BURKE LAD 792437----------	21 daughters-	24	11,444	3.7	418
Born, 8-1-39; proved, 6-19-47; alive; Mo.	8 daughters-	8	11,253	3.7	412
Sire, 606379; dam, 1626074.	8 dams------	8	10,178	3.6	362
Herd Owner, Hesnault Brothers, St. Joseph.	Difference---	(7-6-7)	+1,075	+.1	+50
COLONEL JACOB POSCH 759813----------	10 daughters-	13	8,632	3.9	334
Born, 5-10-38; proved, 6-24-47; ----; N. Y.	8 daughters-	11	8,842	3.9	347
Sire, 730362; dam, 1866694.	8 dams------	14	8,294	3.8	315
Herd Owner, Mrs. J. C. Newton, Hamburg.	Difference---	(5-6-7)	+548	+.1	+32

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CORNELL BLEND ROYAL 796125----------	12 daughters-	14	11,767	3.5	407
Born, 12-11-39; proved, 6-19-47; dead; N. Y.	12 dams------	49	13,499	3.4	457
Sire, 722643; dam, 1797845.	Difference---	(5-7-4)	-1,732	+.1	-50
Herd Owner, Maynard L. Smith & Son, Elmira.					
CORNELL PIETERTJE KORNDYKE 806346----------	12 daughters-	13	11,433	3.6	406
Born, 4-2-40; proved, 6-30-47; ----; N. Y.	12 dams------	41	11,579	3.4	397
Sire, 694019; dam, 1954238.	Difference---	(8-10-8)	-146	+.2	+9
Herd Owner, J. H. Girts & Son, Jamestown.					
CORRECTION PABST SENSATION 828006----------	15 daughters-	17	12,508	3.6	446
Born, 10-23-40; proved, 6-30-47; ----; Wis.	14 daughters-	16	12,794	3.6	455
Sire, 748393; dam, 1480041.	14 dams------	74	12,081	3.6	438
Herd Owner, Alfred Riewesthal, Hales Corners.	Difference---	(9-7-9)	+713	.0	+17
CROMDELL PIERE YORK 738975----------	12 daughters-	20	8,893	3.8	341
Born, 7-16-36; proved, 6-6-47; ----; Pa.	5 daughters-	11	9,125	3.7	334
Sire, 495261; dam, 1688901.	5 dams------	12	10,753	3.6	387
Herd Owner, Anthony Rendulic, Conneaut Lake.	Difference---	(1-3-1)	-1,628	+.1	-53
C S P F NUTMEG DE KOL 771895----------	8 daughters-	13	9,140	3.5	324
Born, 4-28-38; proved, 6-30-47; ----; Conn.	6 daughters-	9	9,275	3.5	325
Sire, 698351; dam, 1631010.	6 dams------	12	9,346	3.2	301
Herd Owner, Mansfield Training School, Mansfield Depot.	Difference---	(3-5-4)	-71	+.3	+24
DAD BOAST COLANTHA YANKEE 741370 *8----------	35 daughters-	77	13,084	3.4	449
Born, 4-9-36; proved, 6-30-47; ----; N. Y.	29 daughters-	63	13,304	3.4	456
Sire, 614240; dam, 907096.	29 dams------	131	13,314	3.4	458
Owner, New York Co-op. A. B. A., Inc.	Difference---	(14-16-12)	-10	.0	-2
DANDY JIM FAYNE 754990----------	17 daughters-	24	10,246	3.4	353
Born, 2-19-38; proved, 6-30-47; ----; N. J.	17 dams------	53	11,800	3.4	403
Sire, 625555; dam, 1575239.	Difference---	(1-10-1)	-1,554	.0	-50
Herd Owner, Annandale State Reformatory, Annandale.					
DAUNTLESS DIRECT COLANTHA 748046 *(July 1946)----------	16 daughters-	19	10,444	3.7	382
Born, 9-24-37; proved, 6-24-47; ----; Maine.	8 daughters-	10	10,823	3.6	385
Sire, 668530; dam, 1843595.	8 dams------	30	11,877	3.4	405
Owner, Maine Co-op. A. B. A.	Difference---	(3-4-3)	-1,054	+.2	-20
DEAN JAFSIE REFORMER 827360----------	9 daughters-	9	9,576	3.9	373
Born, 11-25-40; proved, 6-18-47; ----; N. J.	8 daughters-	8	9,448	4.0	374
Sire, 795337; dam, 2013113.	8 dams------	39	10,652	3.6	382
Herd Owner, Margin L. Stout, Pittstown.	Difference---	(2-7-5)	-1,204	+.4	-8
DE KOL PIETERTJE ORMSBY POSCH 796182----------	5 daughters-	9	9,791	3.5	340
Born, 4-14-39; proved, 6-18-47; ----; Pa.	5 dams------	12	11,169	3.6	400
Sire, 733382; dam, 1596617.	Difference---	(2-3-1)	-1,378	-.1	-60
Herd Owner, Anthony Rendulic, Conneaut Lake.					
DON KEYS ORMSBY MIMIR 786919----------	6 daughters-	8	12,829	3.7	475
Born, 8-30-39; proved, 6-30-47; ----; N. Y.	6 dams------	24	12,828	3.6	456
Sire, 643579; dam, 1671927.	Difference---	(3-4-4)	+1	+.1	+19
Herd Owner, Raymond V. O. DuBois, Gardiner.					
DUKE JOHANNA DELL 2D 784281----------	5 daughters-	12	11,238	3.3	376
Born, 11-7-38; proved, 6-26-47; ----; Wis.	5 dams------	29	10,859	3.6	391
Sire, 746584; dam, 1887837.	Difference---	(4-0-1)	+379	-.3	-15
Herd Owner, Kenneth Helms, Grafton.					
DUNLOGGIN MASTER MORN 784129----------	8 daughters-	9	14,177	3.5	491
Born, 10-1-39; proved, 6-26-47; ----; Ill.	7 daughters-	8	14,036	3.5	494
Sire, 667915; dam, 1453097.	7 dams------	22	11,180	3.5	390
Herd Owner, John Moreschi, Elgin.	Difference---	(6-4-7)	+2,856	.0	+104
EDWARNOS KING BESSIE ORMSBY SALO 787337 *(Nov. 1946)----------	14 daughters-	18	16,944	3.3	558
Born, 8-10-39; proved, 6-18-47; ----; Mich.	13 daughters-	17	16,996	3.3	560
Sire, 688260; dam, 1636650.	13 dams------	44	11,219	3.3	373
Owner, Michigan Co-op. A. B. A., Inc.	Difference---	(13-7-12)	+5,777	.0	+187
EMPEROR HAZELWOOD OLENA 810427 *(Mar. 1946)----------	12 daughters-	23	11,914	4.0	478
Born, 2-14-40; proved, 6-24-47; ----; N. Y.	12 dams------	57	10,690	3.5	369
Sire, 715381; dam, 1762118.	Difference---	(8-11-12)	+1,224	+.5	+109
Owner, New York Co-op. A. B. A., Inc.					
FAYNE MUTUAL DE KOL ORMSBY 717592----------	10 daughters-	23	11,629	3.9	459
Born, 12-15-35; proved, 6-17-47; ----; N. Y.	6 daughters-	12	12,200	4.1	498
Sire, 644883; dam, 1305435.	6 dams------	18	9,100	3.4	306
Herd Owner, Bert J. Rogers, Winthrop.	Difference---	(6-6-6)	+3,100	+.7	+192
FAYNE ORMSBY CREAMELLE 811038----------	6 daughters-	9	12,557	3.8	476
Born, 12-5-39; proved, 6-30-47; ----; N. Y.	6 dams------	24	11,702	3.4	393
Sire, 714051; dam, 1853561.	Difference---	(5-5-6)	+855	+.4	+83
Herd Owner, Roy P. Smith, Little York.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FEMCO SIR BESSIE GOLDIE 752582 *9----------	42 daughters-	83	9,274	3.5	327
Born, 11-5-37; proved, 6-9-47; dead; Minn.	37 daughters-	75	9,434	3.5	331
Sire, 629473; dam, 1802820.	37 dams------	96	11,081	3.3	367
Herd Owner, Walter R. Schafer, Owatonna.	Difference---	(9-29-11)	-1,647	+.2	-36
FORES ORMSBY ABBEKERK LAD 780979----------	8 daughters-	12	8,092	3.3	271
Born, 4-24-39; proved, 6-24-47; ----; Wis.	7 daughters-	11	7,898	3.4	266
Sire, 744894; dam, 1860125.	7 dams------	29	9,305	3.5	329
Herd Owner, William Ewald & Ed. Schalinski, Mayville.	Difference---	(1-2-1)	-1,407	-.1	-63
FORES RUBY BOY DIXIE 811414 *(June 1946)----------	10 daughters-	12	16,114	3.5	553
Born, 11-21-40; proved, 6-18-47; ----; Mich.	9 daughters-	11	15,863	3.4	545
Sire, 773513; dam, 1770094.	9 dams------	22	13,925	3.5	483
Owner, Michigan Co-op. A. B. A., Inc.	Difference---	(8-6-8)	+1,938	-.1	+62
FRANKLIN IVETTE DOEDE REDMER 732185 *10----------	31 daughters-	69	10,444	3.8	397
Born, 9-3-36; proved, 6-17-47; dead; N. J.	23 daughters-	53	10,461	3.8	400
Sire, 555464; dam, 1321252.	23 dams------	58	11,036	3.8	415
Herd Owner, J. S. & R. S. Katzenstein, Franklin.	Difference---	(9-12-13)	-575	.0	-15
GEMODALE KERK ROMEO (TWIN) 810734----------	7 daughters-	13	10,265	3.7	376
Born, 12-3-39; proved, 6-30-47; ----; N. Y.	7 dams------	15	9,855	3.6	358
Sire, 689660; dam, 1802314.	Difference---	(4-4-5)	+410	+.1	+18
Herd Owner, Frank N. Mansfield & Son, Cherry Creek.					
GEMODALE ORMSBY CONFIDENT 823594----------	5 daughters-	6	11,598	3.4	396
Born, 1-17-41; proved, 6-30-47; ----; N. Y.	5 dams------	26	11,793	3.5	417
Sire, 748807; dam, 1974353.	Difference---	(2-3-3)	-195	-.1	-21
Herd Owner, Miller H. Fairbairn, Arkville.					
GRAND DUKE OF STEELE COUNTY 746433 *8----------	30 daughters-	77	9,368	3.6	342
Born, 12-17-36; proved, 6-27-47; dead; Minn.	22 daughters-	53	9,359	3.7	342
Sire, 698462; dam, 1742925.	22 dams------	82	9,474	3.3	311
Herd Owner, Nelson & Thompson, Ellendale.	Difference---	(12-20-15)	-115	+.4	+31
HARTHOLM COUNT SNOWSTORM 800497----------	8 daughters-	11	11,358	3.4	387
Born, 9-23-39; proved, 6-9-47; ----; Minn.	5 daughters-	7	10,418	3.4	353
Sire, 101771 CHB; dam, 257002 CHB.	5 dams------	21	12,944	3.6	464
Herd Owner, Victor W. Calverley, Claremont.	Difference---	(0-1-0)	-2,526	-.2	-111
HARTSBROOK PRINCE 810446----------	15 daughters-	16	11,684	3.7	429
Born, 7-31-40; proved, 6-26-47; ----; Vt.	15 dams------	56	12,904	3.6	466
Sire, 745795; dam, 1792045.	Difference---	(3-11-4)	-1,220	+.1	-37
Herd Owner, John B. Abbott, Bellows Falls.					
HAWTHORN BESSIE SENATOR 779315 *(May 1946)----------	17 daughters-	22	13,815	3.3	461
Born, 1-19-39; proved, 6-17-47; ----; Mich.	17 dams------	33	10,538	3.4	359
Sire, 741205; dam, 1393678.	Difference---	(15-8-15)	+3,277	-.1	+102
Owner, Michigan Co-op. A. B. A., Inc.					
HIGHSHORE GAIUS RAG APPLE 793079----------	10 daughters-	10	10,066	3.4	339
Born, 10-11-39; proved, 6-19-47; ----; Vt.	7 daughters-	7	9,666	3.4	327
Sire, 739470; dam, 1957204.	7 dams------	14	11,146	3.5	385
Owner, Massachusetts A. B. A., Mass.	Difference---	(1-2-1)	-1,480	-.1	-58
HILLSBORO SIR ONA JEWEL ALICE (TWIN) 780220----------	16 daughters-	26	11,159	4.0	442
Born, 9-1-38; proved, 6-16-47; ----; N. J.	16 dams------	92	9,980	3.5	351
Sire, 654594; dam, 1705172.	Difference---	(11-16-13)	+1,179	+.5	+91
Owner, Southeastern Virginia A. B. A., Inc., Va.					
HILLSIDE HONORIUS ORMSBY 742781----------	9 daughters-	21	10,925	3.7	400
Born, 2-26-37; proved, 6-3-47; dead; Pa.	7 daughters-	16	10,925	3.7	407
Sire, 700008; dam, 1318825.	7 dams------	17	12,147	3.6	437
Herd Owner, Hilliard Brothers, Sugarloaf.	Difference---	(1-6-2)	-1,222	+.1	-30
HOESLY BURTON JOE 780672----------	7 daughters-	8	8,431	3.5	293
Born, 9-8-38; proved, 6-24-47; ----; Wis.	7 dams------	17	9,850	3.4	335
Sire, 723295; dam, 1686559.	Difference---	(1-5-1)	-1,419	+.1	-42
Herd Owner, Frank Bloom, Monroe.					
HOMESTEAD ADMIRAL POSCH SEGIS 757029----------	15 daughters-	15	9,671	3.5	343
Born, 2-12-38; proved, 6-9-47; alive; N. Y.	8 daughters-	8	9,592	3.5	336
Sire, 522060; dam, 1296806.	8 dams------	8	10,986	3.4	376
Herd Owner, Wassaic State School, Wassaic.	Difference---	(2-4-2)	-1,394	+.1	-40
HONORWON MATADOR GOVERNOR 747659----------	9 daughters-	11	11,029	3.6	402
Born, 9-14-37; proved, 6-9-47; ----; N. H.	5 daughters-	6	11,674	3.6	417
Sire, 717050; dam, 1509637.	5 dams------	24	13,132	3.4	447
Herd Owner, New Hampshire State Hospital, Concord.	Difference---	(1-4-1)	-1,458	+.2	-30
INDIANA PIEBE WAYNE 841476----------	6 daughters-	6	13,558	3.8	510
Born, 9-9-41; proved, 6-18-47; alive; Ind.	6 dams------	29	13,613	3.7	501
Sire, 654504; dam, 1914467.	Difference---	(3-4-3)	-55	+.1	+9
Owner, Indiana A. B. A.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
K & S CARNATION JERRY 781064	7 daughters-	8	14,331	3.6	519
Born, 10-21-38; proved, 6-4-47; ----; Ind.	5 daughters-	6	13,940	3.5	489
Sire, 724699; dam, 1656622.	5 dams------	14	11,207	3.4	380
Herd Owner, Warner & Morgan, Rochester.	Difference---	(4-4-4)	+2,733	+.1	+109
KING BESSIE FORES DIXIE 727720	15 daughters-	18	11,120	3.2	360
Born, 3-1-36; proved, 6-6-47; ----; Minn.	9 daughters-	11	10,962	3.3	357
Sire, 688252; dam, 1756672.	9 dams------	23	10,940	3.3	366
Herd Owner, Herbert Filk, Biscay.	Difference---	(3-5-4)	+22	.0	-9
KING BESSIE PAPOOSE FORES 745240	10 daughters-	17	10,150	3.5	356
Born, 12-13-36; proved, 6-17-47; dead; Minn.	10 dams------	28	11,088	3.3	363
Sire, 676477; dam, 1672731.	Difference---	(2-9-6)	-938	+.2	-7
Herd Owner, Robert D. Jensen, Clarks Grove.					
KING GERBEN COLANTHUS ORMSBY 788499	7 daughters-	9	12,142	3.4	411
Born, 11-3-39; proved, 6-30-47; ----; Iowa.	6 daughters-	8	12,722	3.4	427
Sire, 758411; dam, 1373350.	6 dams------	22	12,353	3.3	410
Herd Owner, Theodore Lorch & Walter Koostra, Ocheyedan.	Difference---	(4-5-5)	+369	+.1	+17
KING JEROME KEVIN POSCH 808678	14 daughters-	20	12,319	3.6	446
Born, 4-2-40; proved, 6-30-47; ----; N. Y.	11 daughters-	16	12,357	3.5	438
Sire, 767228; dam, 1748661.	11 dams------	24	10,813	3.7	399
Herd Owner, Robert Spicer, Andover.	Difference---	(6-6-6)	+1,544	-.2	+39
KING ONA KORNDYKE ORMSBY POSCH 755083	11 daughters-	17	9,473	3.9	365
Born, 9-29-37; proved, 6-30-47; ----; Mich.	10 daughters-	16	9,538	3.9	368
Sire, 704308; dam, 1516879.	10 dams------	29	10,660	3.5	371
Herd Owner, Frank L. Bensinger & Sons, Ubly.	Difference---	(1-9-5)	-1,122	+.4	-3
KING ORMSBY ARLO STAR 870595	7 daughters-	7	10,832	3.5	374
Born, 1-28-42; proved, 6-9-47; ----; Iowa.	7 dams------	23	10,633	3.6	382
Sire, 787627; dam, 1609751.	Difference---	(4-3-4)	+199	-.1	-8
Herd Owner, Harry N. Turner & Family, Postville.					
KING ORMSBY SYLVIA FALI 3D 755759	14 daughters-	21	9,708	3.5	341
Born, 3-4-38; proved, 6-6-47; ----; Vt.	10 daughters-	15	9,673	3.6	344
Sire, 737850; dam, 1380265.	10 dams------	26	10,524	3.5	372
Herd Owner, E. K. Wright, Sheffield.	Difference---	(3-5-1)	-851	+.1	-28
KING PANSY PAPOOSE 26TH 706349 *7	21 daughters-	29	11,554	3.5	405
Born, 12-31-34; proved, 6-18-47; ----; Minn.	16 daughters-	23	11,739	3.5	409
Sire, 654126; dam, 1044195.	16 dams------	34	9,484	3.5	329
Herd Owner, City of Minneapolis Dairy, Waysata.	Difference---	(11-12-13)	+2,255	.0	+80
KING SWEET SEGIS PLUM 807925	8 daughters-	9	9,116	3.5	315
Born, 2-27-40; proved, 6-26-47; ----; Pa.	6 daughters-	7	9,233	3.5	319
Sire, 638713; dam, 1478522.	6 dams------	19	10,052	3.5	353
Herd Owner, Robert Heitsman, Springville.	Difference---	(2-3-2)	-819	.0	-34
LAKEFIELD FORES PIERE 679328 *6	16 daughters-	36	12,623	3.6	458
Born, 9-26-33; proved, 6-17-47; ----; Mich.	10 daughters-	19	12,496	3.7	457
Sire, 471070; dam, 1173663.	10 dams------	31	11,006	3.3	368
Owner, Michigan Co-op. A. B. A., Inc.	Difference---	(6-10-8)	+1,490	+.4	+89
LAKE PARK SIR ORMSBY BUMBLEBEE (TWIN) 784265	12 daughters-	19	10,491	3.4	360
Born, 12-21-38; proved, 6-23-47; ----; Wis.	12 dams------	24	12,322	3.6	440
Sire, 718867; dam, 1564432.	Difference---	(2-5-2)	-1,831	-.2	-80
Herd Owner, John Schreiber, Sheboygan.					
LAUXMONT ADMIRAL COMBINE 800230 *(Mar. 1946)	8 daughters-	15	13,568	3.7	498
Born, 12-6-39; proved, 6-27-47; ----; Iowa.	8 dams------	28	12,449	3.6	446
Sire, 696612; dam, 1728928.	Difference---	(6-6-6)	+1,119	+.1	+52
Owner, Eastern Iowa A. B. A.					
LAUXMONT RAG APPLE AMEROSE 741336	7 daughters-	7	12,380	3.8	472
Born, 3-15-37; proved, 6-3-47; ----; Pa.	5 daughters-	5	12,394	3.9	479
Sire, 695000; dam, 924268.	5 dams------	15	11,683	3.8	446
Herd Owner, Lauxmont Farms, Wrightsville.	Difference---	(4-4-4)	+711	+.1	+33
LAUXMONT RAG APPLE ONLIWON 787409	6 daughters-	6	13,133	4.2	550
Born, 4-1-39; proved, 6-18-47; ----; Pa.	6 dams------	26	12,668	3.8	480
Sire, 695000; dam, 1680831.	Difference---	(4-5-5)	+465	+.4	+70
Herd Owner, Lauxmont Farms, Wrightsville.					
LOC-PINE AMOS ORMSBY 723046	5 daughters-	14	11,671	3.5	404
Born, 8-1-35; proved, 6-30-47; ----; Pa.	5 dams------	17	11,931	3.3	399
Sire, 685716; dam, 1520678.	Difference---	(2-3-3)	-260	+.2	+5
Herd Owner, Edgar W. Weaner, Gettysburg.					
MAN-O-WAR ORMSBY POSCH 15TH 741872	7 daughters-	10	12,612	3.3	415
Born, 12-30-36; proved, 6-3-47; ----; Ohio.	7 dams------	21	9,098	3.3	298
Sire, 691354; dam, 1783488.	Difference---	(7-3-6)	+3,514	.0	+117
Herd Owner, Elno D. Spreng, Galloway.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAN-O-WAR TYLER BESS 704684	8 daughters	14	10,170	3.3	332
Born, 2-15-34; proved, 6-17-47; dead; Minn.	6 daughters	11	9,841	3.4	335
Sire, 631834; dam, 990229.	6 dams	11	9,493	3.5	328
Herd Owner, Robert D. Jensen, Clarks Grove.	Difference	(4-2-2)	+348	-.1	+7
MCDONOGH NEW YORKER 815010	7 daughters	8	9,954	3.8	379
Born, 8-20-40; proved, 6-30-47; ----; Pa.	7 dams	20	9,718	3.4	327
Sire, 731994; dam, 1628995.	Difference	(3-7-4)	+236	+.4	+52
Herd Owner, Paul E. Rebert, Mechanicsburg.					
MEADOW ORMSBY FORES KING 782234	9 daughters	9	9,948	3.8	377
Born, 10-11-38; proved, 6-19-47; ----; Wis.	9 dams	45	10,211	3.9	402
Sire, 659193; dam, 1850687.	Difference	(3-3-2)	-263	-.1	-25
Herd Owner, Alfred Zellmer, Larson.					
MEIERKORD BILLY ABBEKERK (TWIN) 723622	7 daughters	10	15,204	3.5	537
Born, 2-2-36; proved, 6-30-47; ----; Kans.	5 daughters	7	15,051	3.4	518
Sire, 586462; dam, 1334014.	5 dams	12	13,086	3.6	469
Herd Owner, C. B. Quinn, Bennington.	Difference	(5-1-3)	+1,965	-.2	+49
MEIERKORD BILLY TRIUMF INKA 781634	5 daughters	5	12,605	3.5	435
Born, 11-8-38; proved, 6-4-47; ----; Kans.	5 dams	7	11,347	3.5	398
Sire, 748162; dam, 1933605.	Difference	(2-4-2)	+1,258	.0	+37
Herd Owner, C. P. Regier, Peabody.					
MEIERKORD TRIUMF BILLY 749265	11 daughters	12	12,976	3.3	431
Born, 1-30-37; proved, 6-5-47; ----; Kans.	7 daughters	8	13,192	3.3	438
Sire, 600230; dam, 1620570.	7 dams	14	13,530	3.3	447
Herd Owner, John Heersche, Mulvane.	Difference	(2-4-4)	-338	.0	-9
MENDOCINO SIR META 825106 *(Feb. 1947)	17 daughters	21	11,555	3.9	452
Born, 11-15-40; proved, 6-3-47; dead; Calif.	17 dams	46	7,704	3.8	296
Sire, 775670; dam, 1928903.	Difference	(16-9-16)	+3,851	+.1	+156
Owner, Sacramento Co-op. A. B. A.					
METHODIST HOME LADDIE BOY 741435	6 daughters	11	12,437	3.4	418
Born, 6-12-37; proved, 6-3-47; ----; Pa.	6 dams	24	12,292	3.6	442
Sire, 677237; dam, 1599112.	Difference	(2-0-2)	+145	-.2	-24
Herd Owner, Ralph F. Erdley, Lewisburg.					
M. F. COLANTHA CREAMELLE PERFECTION 810121	5 daughters	8	14,636	3.4	497
Born, 3-24-40; proved, 6-30-47; ----; N. Y.	5 dams	17	14,071	3.6	508
Sire, 783231; dam, 1602509.	Difference	(3-1-3)	+565	-.2	-11
Herd Owner, Machold Farms, Ellisburg.					
MITCHELL FARM OSBORNDALE SIR BERKS 755834 *9	18 daughters	33	10,120	3.5	349
Born, 7-1-36; proved, 6-3-47; alive; Conn.	18 dams	84	9,943	3.5	352
Sire, 635933; dam, 1562477.	Difference	(12-7-10)	+177	.0	-3
Owner, Connecticut A. B. A.					
M M MYSTIC FLORA BESS 712658 *5	44 daughters	98	10,096	3.4	342
Born, 12-22-34; proved, 6-9-47; dead; Minn.	30 daughters	65	9,870	3.4	338
Sire, 651734; dam, 1336492.	30 dams	79	11,433	3.3	377
Herd Owner, B. P. Chladek & Son, Owatonna.	Difference	(6-22-6)	-1,563	+.1	-39
MOUNTAIN ASH PRINCE ADMIRAL 783707	7 daughters	10	11,245	3.5	398
Born, 12-13-38; proved, 6-19-47; ----; Wis.	7 dams	19	10,276	3.4	349
Sire, 708491; dam, 1741514.	Difference	(5-6-5)	+969	+.1	+49
Herd Owner, B. C. Ziegler & Co., West Bend.					
NEW CENTER ORMSBY ALICE 799799 *10	22 daughters	33	11,371	3.7	421
Born, 3-17-39; proved, 6-24-47; ----; N. J.	20 daughters	30	11,405	3.7	420
Sire, 654594; dam, 1619204.	20 dams	92	11,642	3.5	408
Owner, Massachusetts A. B. A., Mass.	Difference	(8-15-10)	-237	+.2	+12
NEWMONT ARLENE LAD 762722	19 daughters	25	11,403	3.5	404
Born, 3-26-38; proved, 6-6-47; ----; Mass.	19 dams	78	10,745	3.5	377
Sire, 709271; dam, 1850359.	Difference	(10-11-11)	+658	.0	+27
Herd Owner, Wild Rose Farm, Andover.					
NIESLEY VALE LINDY HARTOG 798623	16 daughters	29	14,144	3.6	515
Born, 2-18-39; proved, 6-30-47; ----; Pa.	14 daughters	24	13,955	3.6	509
Sire, 677237; dam, 2133483.	14 dams	66	12,868	3.7	471
Herd Owner, Ivo V. Otto, Carlisle.	Difference	(11-10-12)	+1,087	-.1	+38
N J E S CHIEF ORMSBY INA EMINENT 726056 *10	28 daughters	57	11,032	3.7	413
Born, 12-3-35; proved, 6-5-47; alive, N. J.	18 daughters	36	11,285	3.7	422
Sire, 675841; dam, 1429090.	18 dams	54	11,883	3.4	408
Herd Owner, J. M. Nevius, Somerville.	Difference	(8-15-12)	-598	+.3	+14
N J E S CONQUEROR IRABA KENNETH 822065	5 daughters	5	10,758	4.1	445
Born, 3-24-41; proved, 6-17-47; alive; N. J.	5 dams	13	10,810	3.8	407
Sire, 673525; dam, 1709711.	Difference	(3-5-4)	-52	+.3	+38
Herd Owner, J. S. & R. S. Katzenstein, Franklin.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
NORTH STAR OPTIMIST CON 773791	6 daughters-	11	10,735	3.4	363
Born, 8-11-38; proved, 6-3-47; dead; Minn.	6 dams-	28	11,300	3.6	402
Sire, 703318; dam, 1877101.	Difference-	(2-2-1)	-565	-.2	-39
Herd Owner, State Reformatory For Women, Shakopee.					
OAKMEAD ORMSBY SEGIS 716909	6 daughters-	7	8,679	3.5	306
Born, 12-22-35; proved, 6-3-47; ----; Pa.	6 dams-	11	10,045	3.3	336
Sire, 674991; dam, 1147332.	Difference-	(2-6-2)	-1,366	+.2	-30
Herd Owner, M. S. Jordan, Dalton.					
OHIO GEORGE PRILLY 798846	19 daughters-	19	11,776	3.6	425
Born, 1-17-40; proved, 6-24-47; ----; Ohio.	11 daughters-	11	11,841	3.5	419
Sire, 736714; dam, 1659115.	11 dams-	15	10,090	3.3	333
Owner, Central Ohio A. B. A.	Difference-	(7-10-9)	+1,751	+.2	+86
OOSTIE MASTERPIECE 10TH 730023	53 daughters-	94	10,819	3.4	370
Born, 9-25-35; proved, 6-30-47; ----; Wis.	23 daughters-	39	10,819	3.4	366
Sire, 685010; dam, 1679069.	23 dams-	45	9,665	3.4	324
Herd Owner, Brook Hill Farms, Genesee Depot.	Difference-	(17-13-19)	+1,154	.0	+42
OOSTIE PREMIER INVINCIBLE 783833	13 daughters-	16	13,414	3.6	481
Born, 7-3-39; proved, 6-16-47; ----; Ill.	12 daughters-	15	13,226	3.6	475
Sire, 725856; dam, 1646019.	12 dams-	47	10,639	3.7	390
Herd Owner, Wilbur J. Swayer, Gurnee.	Difference-	(11-5-10)	+2,587	-.1	+85
ORIOLE HOME ORMSBY DOUBLE 760068	10 daughters-	14	9,607	3.6	344
Born, 6-7-38; proved, 6-24-47; ----; Wis.	10 dams-	40	11,129	3.4	377
Sire, 696106; dam, 1649614.	Difference-	(1-9-3)	-1,522	+.2	-33
Herd Owner, Frisbie Brothers, Junesu.					
ORMSBY BUTTERCUP PIEBE HARTOG 821243	6 daughters-	7	9,329	4.0	369
Born, 1-30-40; proved, 6-30-47; ----; Pa.	6 dams-	25	10,714	3.7	398
Sire, 706640; dam, 1840359.	Difference-	(1-5-2)	-1,385	+.3	-29
Herd Owner, Herman J. Gregory, St. Marys.					
ORMSBY LYONS ALCARTRA 844987	7 daughters-	8	12,851	3.5	451
Born, 3-7-40; proved, 6-17-47; ----; Mich.	6 daughters-	6	12,845	3.5	455
Sire, 761503; dam, 1978651.	6 dams-	17	12,379	3.5	430
Herd Owner, Claude A. Zimmerman, Ortonville.	Difference-	(3-4-3)	+466	.0	+25
ORMSBY PIEBE BEETS ECHO 756986	9 daughters-	17	8,718	3.6	318
Born, 5-29-37; proved, 6-24-47; ----; Pa.	8 daughters-	16	8,322	3.7	306
Sire, 703174; dam, 1779991.	8 dams-	22	10,922	3.5	386
Herd Owner, William L. Weibley, Ickesburg.	Difference-	(1-7-0)	-2,600	+.2	-80
ORMSBY PIETERTJE INGRID INGRAM 803755	8 daughters-	12	12,544	3.1	393
Born, 8-9-39; proved, 6-30-47; ----; Iowa.	5 daughters-	8	13,370	3.1	415
Sire, 728911; dam, 1544186.	5 dams-	17	10,676	3.4	364
Herd Owner, W. F. Poorman, Des Moines.	Difference-	(4-1-3)	+2,694	-.3	+51
ORMSBY PONTIAC JUNIOR 782909	5 daughters-	7	8,914	3.4	300
Born, 10-20-38; proved, 6-24-47; ----; N. Y.	5 dams-	25	10,897	3.5	385
Sire, 672877; dam, 1485070.	Difference-	(0-1-1)	-1,983	-.1	-85
Herd Owner, Ivan B. Smith, Taylor.					
OSBORNDALE CHEVALIER ORMSBY INKA 786367	6 daughters-	10	10,585	3.7	391
Born, 7-5-39; proved, 6-4-47; ----; N. Y.	5 daughters-	9	10,562	3.7	388
Sire, 521877; dam, 1598146.	5 dams-	8	12,082	3.6	440
Herd Owner, Meric Phillips, Red Creek.	Difference-	(2-3-1)	-1,520	+.1	-52
PABST BELMONT CONCENTRATOR 781173	10 daughters-	12	9,995	3.5	354
Born, 6-16-39; proved, 6-6-47; ----; Wis.	10 dams-	21	9,652	3.3	314
Sire, 678994; dam, 1772228.	Difference-	(5-8-7)	+343	+.2	+40
Herd Owner, Fond du Lac County Asylum, Fond du Lac.					
PABST SIR DOUBLE SENSATION 715473	7 daughters-	7	12,366	3.6	448
Born, 10-19-35; proved, 6-4-47; ----; Wis.	7 dams-	20	11,403	3.4	383
Sire, 691903; dam, 1649751.	Difference-	(5-7-5)	+963	+.2	+65
Herd Owner, Wilford C. Halverson, Deerfield.					
PALNUD P E SIR MAJOR 814130	9 daughters-	13	9,055	3.8	341
Born, 1-4-40; proved, 6-17-47; ----; N. H.	8 daughters-	11	9,248	3.8	350
Sire, 777272; dam, 1447089.	8 dams-	25	10,119	3.5	356
Herd Owner, J. Ralph Graham, Boscawen.	Difference-	(1-8-3)	-871	+.3	-6
PARTHENEA DE KOL MAN-O-WAR 781476	6 daughters-	8	10,495	3.3	342
Born, 3-9-39; proved, 6-5-47; ----; Wis.	6 dams-	17	13,312	3.4	457
Sire, 746682; dam, 1354456.	Difference-	(0-1-0)	-2,817	-.1	-115
Herd Owner, Herbert Ebelt, Plymouth.					
PEBBLE BEACH CHIEFTAIN COUNTESS 768460 *10	27 daughters-	42	13,642	3.7	505
Born, 11-22-38; proved, 6-30-47; ----; N. Y.	26 daughters-	41	13,669	3.7	508
Sire, 695631; dam, 1918475.	26 dams-	105	12,413	3.6	451
Owner, Maine Co-op. A. B. A., Maine.	Difference-	(21-16-21)	+1,256	+.1	+57

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PETERSVIEW ORMSBY ARTIS 779758	5 daughters	7	9,246	3.5	326
Born, 12-31-38; proved, 6-9-47; ----; Pa.	5 dams	8	11,202	3.5	392
Sire, 756076; dam, 1646409.	Difference	(1-3-1)	-1,956	.0	-66
Herd Owner, Willard Erb, Beavertown.					
PRIMO MERCEDES 740349	11 daughters	22	12,538	3.6	452
Born, 3-25-36; proved, 6-9-47; dead; Wash.	6 daughters	12	12,614	3.6	460
Sire, 552376; dam, 1762167.	6 dams	10	12,890	3.8	491
Herd Owner, Jacob Kooy, Ellensburg.	Difference	(3-3-2)	-276	-.2	-31
PRINCE ELGIN ORMSBY PONTIAC 716888	9 daughters	12	11,044	3.8	419
Born, 2-2-35; proved, 6-4-47; ----; Iowa.	5 daughters	6	11,571	3.7	428
Sire, 559527; dam, 1534867.	5 dams	10	11,370	3.5	397
Herd Owner, Walter Woodyard & Son, Indianola.	Difference	(2-5-2)	+201	+.2	+31
PRINCE FAYNE ERIE POSCH 757000	10 daughters	13	9,893	3.5	349
Born, 5-31-37; proved, 6-30-47; ----; N. Y.	6 daughters	6	9,998	3.4	340
Sire, 701962; dam, 1840157.	6 dams	12	11,438	3.2	368
Herd Owner, Norman Stitz, Elma.	Difference	(2-5-2)	-1,440	+.2	-28
PRINCE INKA ORMSBY BESS 833993	12 daughters	15	13,359	3.7	497
Born, 12-13-40; proved, 6-24-47; ----; Wis.	12 dams	59	12,826	3.3	427
Sire, 620987; dam, 2116383.	Difference	(6-12-11)	+533	+.4	+70
Herd Owner, Edward Ruud & Son, Menomonie.					
QUADREX ORMSBY PONTIAC NUDINE 742860	6 daughters	10	11,376	3.4	390
Born, 8-13-36; proved, 6-5-47; ----; Pa.	6 dams	17	11,245	3.5	389
Sire, 672422; dam, 1783911.	Difference	(4-2-2)	+131	-.1	+1
Herd Owner, Abner H. Shughart, Carlisle.					
RAG APPLE PIETJE PIONEER 773065 *10	21 daughters	42	12,129	3.8	464
Born, 1-23-36; proved, 6-27-47; dead; Iowa.	19 daughters	39	11,839	3.8	455
Sire, 99201 CHB; dam, 196074 CHB.	19 dams	72	12,694	3.4	437
Herd Owner, Gingerich & Yoder, Wellman.	Difference	(7-18-12)	-855	+.4	+18
RAGOSA INKARNATION FORES 784046	10 daughters	14	12,572	3.4	432
Born, 4-10-39; proved, 6-26-47; ----; Wis.	8 daughters	11	12,341	3.4	425
Sire, 733131; dam, 1495087.	8 dams	43	11,035	3.7	406
Herd Owner, William Lutterman, Loganville.	Difference	(7-2-6)	+1,306	-.3	+19
RIDGEVIEW FINDERNE INKA 795733	11 daughters	17	11,204	3.5	396
Born, 11-12-39; proved, 6-26-47; ----; Pa.	6 daughters	9	11,853	3.4	405
Sire, 612663; dam, 1835677.	6 dams	10	15,771	3.4	539
Herd Owner, Joseph R. Hartle, Bellefonte.	Difference	(1-3-1)	-3,918	.0	-134
ROCK VALLEY BURKE HENGERVELD 796375	9 daughters	9	11,508	3.4	389
Born, 5-10-40; proved, 6-18-47; ----; Wis.	9 dams	30	11,938	3.3	394
Sire, 707959; dam, 1611107.	Difference	(5-6-5)	-430	+.1	-5
Herd Owner, C. H. Field, Mount Horeb.					
ROCK VALLEY CREAMELLE FORES 795907	14 daughters	20	9,787	3.5	339
Born, 2-18-40; proved, 6-30-47; ----; Wis.	13 daughters	19	9,913	3.5	343
Sire, 707959; dam, 1694654.	13 dams	55	9,956	3.4	340
Herd Owner, Alfred Mueller & Son, Mount Horeb.	Difference	(7-11-7)	-43	+.1	+3
ROSE HILL ROYAL GOVERNOR 746224 *10	24 daughters	51	13,827	3.7	509
Born, 9-9-37; proved, 6-30-47; ----; Ind.	24 dams	73	13,023	3.5	457
Sire, 682072; dam, 1786082.	Difference	(17-20-17)	+804	+.2	+52
Owner, State Institutional A. B. A.					
ROYAL DAUNTLESS DIRECT VEEMAN 778171	13 daughters	17	7,597	3.7	281
Born, 7-11-39; proved, 6-3-47; dead; Vt.	6 daughters	8	7,431	3.6	269
Sire, 598396; dam, 1857449.	6 dams	12	8,348	3.4	282
Owner, Vermont Co-op. A. B. A., Inc.	Difference	(2-6-2)	-917	+.2	-13
SEGIS BURKE ORMSBY PIEBE 808237	8 daughters	11	11,221	3.6	409
Born, 8-3-40; proved, 6-30-47; ----; Pa.	7 daughters	9	10,807	3.7	399
Sire, 770804; dam, 1130957.	7 dams	20	12,104	3.7	445
Herd Owner, Hiram B. Stevens, Mehoopany.	Difference	(1-4-1)	-1,297	.0	-46
SEGIS HARTOG KORNDYKE PIETJE 786223	9 daughters	23	11,965	3.6	433
Born, 5-9-39; proved, 6-16-47; ----; Pa.	7 daughters	19	12,434	3.6	445
Sire, 743222; dam, 1587411.	7 dams	46	11,656	3.4	393
Herd Owner, Charles A. Raudabaugh, Carlisle.	Difference	(4-7-7)	+778	+.2	+52
SIR BESS ORMSBY DEAN 5TH 807747	9 daughters	10	11,829	3.9	458
B[illegible], 6-20-40; proved, 6-9-47; ----; N. Y.	8 daughters	9	11,725	3.8	451
S[illegible] 761974; dam, 1985121.	8 dams	15	11,866	3.6	425
[illegible]d Owner, Kent E. Whipple, Savannah.	Difference	(4-7-4)	-141	+.2	+26
SIR BESS ORMSBY FORES AAGGIE 711386 *8	29 daughters	44	11,903	3.4	401
Born, 3-1-35; proved, 6-20-47; ----; Minn.	23 daughters	33	12,045	3.4	410
Sire, 514545; dam, 1538313.	23 dams	59	12,743	3.4	437
Herd Owner, Math. Jennessen, Sauk Centre.	Difference	(7-12-8)	-698	.0	-27

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SIR BESS ORMSBY MAY BELMONT 847431----------	6 daughters-	7	9,323	3.2	302
Born, 10-23-39; proved, 6-4-47; ----; Va.	5 daughters-	6	9,790	3.2	317
Sire, 748392; dam, 1849423.	5 dams------	10	11,146	3.4	375
Herd Owner, McComb Brothers, Bluemont.	Difference---	(3-3-2)	-1,356	-.2	-58
SIR CASCADE OLLIE HOMESTEAD 758530----------	12 daughters-	14	12,007	3.6	433
Born, 2-9-38; proved, 6-9-47; ----; Wis.	7 daughters-	9	11,971	3.6	436
Sire, 723295; dam, 1720162.	7 dams------	11	10,977	3.4	378
Herd Owner, Chester Norton, Monroe.	Difference---	(4-5-5)	+994	+.2	+58
SIR CHAMPION PIETJE SENSATION 833791----------	8 daughters-	8	12,118	3.6	433
Born, 11-15-40; proved, 6-30-47; ----; N. J.	7 daughters-	7	12,191	3.6	434
Sire, 675839; dam, 2105187.	7 dams------	38	12,658	3.6	453
Herd Owner, Charles H. Kirby, Harrisonville.	Difference---	(3-4-4)	-467	.0	-19
SIR JACK ORMSBY SKYLARK 819981----------	7 daughters-	9	12,010	3.5	419
Born, 11-16-40; proved, 6-24-47;----; Iowa.	6 daughters-	8	12,811	3.5	445
Sire, 770832; dam, 2071732.	6 dams------	11	12,798	3.6	462
Herd Owner, George J. Becker, Watkins.	Difference---	(3-3-2)	+13	-.1	-17
SIR MOOIE FOBES ORMSBY 788425----------	11 daughters-	13	10,352	3.7	387
Born, 1-12-39; proved, 6-19-47; ----; Wis.	9 daughters-	11	10,274	3.8	388
Sire, 737642; dam, 1766009.	9 dams------	30	10,502	3.7	392
Herd Owner, Wilfred Meiselwitz, Elkhart Lake.	Difference---	(3-6-3)	-228	+.1	-4
SIR ORMSBY KING BESSIE GOLDEN 786858----------	9 daughters-	13	10,643	3.7	391
Born, 12-5-38; proved, 6-4-47; ----; Minn.	7 daughters-	10	10,932	3.7	400
Sire, 695310; dam, 1630437.	7 dams------	10	10,308	3.4	348
Herd Owner, Nesbitt Brothers, Hopkins.	Difference---	(5-6-5)	+624	+.3	+52
SIR SILKY ORMSBY GOLDEN 676979----------	8 daughters-	21	10,303	3.3	344
Born, 8-1-32; proved, 6-17-47; dead; Minn.	5 daughters-	15	10,281	3.3	342
Sire, 579938; dam, 1328358.	5 dams------	10	10,709	3.2	343
Herd Owner, Robert D. Jensen, Clarks Grove.	Difference---	(2-4-2)	-428	+.1	-1
SNOWDROP ORMSBY BEETS SEGIS 759004----------	21 daughters-	27	10,216	3.6	363
Born, 1-26-38; proved, 6-6-47; ----; Vt.	20 daughters-	26	10,310	3.5	365
Sire, 579109; dam, 1825923.	20 dams------	75	11,720	3.7	429
Herd Owner, Howard Foster, Middlebury.	Difference---	(6-5-5)	-1,410	-.2	-64
SNOW MONOGRAM 800014 *(May 1946)----------	10 daughters-	14	12,094	3.4	409
Born, 7-14-39; proved, 6-30-47; ----; Iowa.	10 dams------	31	13,554	3.4	464
Sire, 122443 CHB; dam, 2024283.	Difference---	(4-6-3)	-1,460	.0	-55
Owner, Dairy Genetics Co. A. B. A.					
SUNNYSIDE ALEXINA JEWEL 754359----------	13 daughters-	24	10,536	3.6	383
Born, 3-5-38; proved, 6-24-47; ----; Pa.	13 dams------	29	11,168	3.8	423
Sire, 722305; dam, 1556883.	Difference---	(7-4-3)	-632	-.2	-40
Herd Owner, Robert C. L. Shumaker, Blairsville.					
S W I H ORMSBY CARNATION 756979----------	12 daughters-	23	9,547	3.6	341
Born, 10-13-37; proved, 6-9-47; dead; N. Y.	6 daughters-	11	9,871	3.6	358
Sire, 718933; dam, 1823675.	6 dams------	15	9,935	3.4	340
Herd Owner, Maynard Farber, Herkimer.	Difference---	(2-4-3)	-64	+.2	+18
TETON SEGIS INKA MAY 741315----------	11 daughters-	17	11,867	3.2	382
Born, 12-31-35; proved, 6-3-47; dead; Idaho.	9 daughters-	14	11,739	3.2	381
Sire, 575503; dam, 1824962.	9 dams------	19	10,868	3.3	358
Herd Owner, H. S. Pline, Nampa.	Difference---	(7-5-6)	+871	-.1	+23
TRIUNE CHIEFTAIN 841347----------	10 daughters-	10	12,425	3.8	476
Born, 2-2-41; proved, 6-18-47; alive; Ill.	9 daughters-	9	12,532	3.8	482
Sire, 792389; dam, 2018205.	9 dams------	42	10,314	3.6	370
Owner, Indiana A. B. A., Ind.	Difference---	(8-8-9)	+2,218	+.2	+112
TRUMPY JOE VERITAS 754536----------	11 daughters-	15	12,112	3.3	405
Born, 2-21-38; proved, 6-19-47; ----; Wis.	5 daughters-	6	12,374	3.3	412
Sire, 682402; dam, 1476540.	5 dams------	12	13,552	3.3	446
Herd Owner, Rahberger Brothers, Monroe.	Difference---	(0-3-1)	-1,178	.0	-34
WAL-CO-FARM BARON 781959----------	5 daughters-	9	11,982	3.6	[illegible]
Born, 9-6-38; proved, 6-23-47; ----; Wis.	5 dams------	22	11,764	3.6	421
Sire, 662775; dam, 1745619.	Difference---	(2-3-3)	+218	.0	+4
Herd Owner, Walworth County Farm, Elkhorn.					
WALDHOLM ADMIRAL BONNY VICKERY 783317----------	11 daughters-	11	11,400	3.8	432
Born, 10-20-38; proved, 6-9-47; ----; Wis.	10 daughters-	10	11,403	3.8	428
Sire 704027; dam, 1845625.	10 dams------	48	11,504	3.5	405
Herd Owner, Walter W. Wilsie, Brandon.	Difference---	(3-10-5)	-101	+.3	+23
WALKER JANICE BOY 761460----------	10 daughters-	11	10,269	3.9	401
Born, 11-10-37; proved, 6-23-47;----; N. Y.	7 daughters-	8	9,691	3.9	375
Sire, 701819; dam, 1713007.	7 dams------	13	12,032	3.6	430
Herd Owner, Leonard D. Hollenbeck, Jasper.	Difference---	(1-7-1)	-2,341	+.3	-55

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WAUPUN ORMSBY OLLIE JOHANNA 759049	11 daughters	15	12,270	3.1	382
Born, 4-8-38; proved, 6-18-47; ----; Wis.	10 daughters	14	12,209	3.1	382
Sire, 691809; dam, 1507312.	10 dams	51	11,742	3.4	399
Herd Owner, Wisconsin State Prison Farm, Waupun.	Difference	(6-3-3)	+467	-.3	-17
WILSON FARM SIR BESS MARIE 821638	6 daughters	6	12,036	3.6	433
Born, 9-15-40; proved, 6-26-47; ---; Pa.	6 dams	12	11,526	3.4	392
Sire, 612743; dam, 1911971.	Difference	(3-6-4)	+510	+.2	+41
Herd Owner, Ross Fleeger, Butler.					
WIMBLEDON EMPEROR HAPPY 790106 *10	12 daughters	17	13,626	3.7	498
Born, 5-23-39; proved, 6-24-47; ----; Del.	12 dams	48	13,685	3.6	486
Sire, 671030; dam, 1568926.	Difference	(5-10-7)	-59	+.1	+12
Owner, Massachusetts A. B. A., Mass.					
WIMBLEDON REKA EMPEROR 739586	22 daughters	25	12,227	3.6	439
Born, 2-3-37; proved, 6-6-47; dead; Pa.	7 daughters	8	11,791	3.7	439
Sire, 671030; dam, 1463167.	7 dams	11	9,721	3.4	331
Herd Owner, Simpson Farm, Turtle Point.	Difference	(6-5-6)	+2,070	+.3	+108
WINTERTHUR FORBES POSCH VENICE 799875	6 daughters	9	13,215	3.5	461
Born, 5-20-40; proved, 6-19-47; ----; Vt.	6 dams	24	12,125	3.6	433
Sire, 729449; dam, 2000325.	Difference	(4-3-4)	+1,090	-.1	+28
Owner, Massachusetts A. B. A. , Mass.					
WINTERTHUR POSCH GREAT QUESTER 729486	10 daughters	15	11,782	3.7	432
Born, 12-29-35; proved, 6-30-47; ----; N. J.	7 daughters	10	11,876	3.6	426
Sire, 576187; dam, 1499903.	7 dams	24	11,841	3.7	436
Herd Owner, Lester S. Harris, Hancocks Bridge.	Difference	(4-2-3)	+35	-.1	-10
WINTERTHUR SELECT GREAT URANGO 787380	15 daughters	21	12,907	3.3	425
Born, 9-25-39; proved, 6-9-47; ----; Pa.	15 dams	53	12,027	3.3	391
Sire, 750000; dam, 1870745.	Difference	(10-11-10)	+880	.0	+34
Herd Owner, Pecora's Farm Dairy, Drums.					
YODERS ORMSBY MATADOR 791567 *(May 1946)	19 daughters	30	11,389	3.6	406
Born, 1-23-39; proved, 6-11-47; alive; Ill.	16 daughters	23	11,668	3.6	416
Sire, 670786; dam, 1699103.	16 dams	69	10,929	3.7	403
Herd Owner, Allie Bierman & Sons, Wheeler.	Difference	(8-6-9)	+739	-.1	+13
16*E73163 (BANGS OR TB EARTAG)	9 daughters	15	10,755	3.4	367
Born, ----; proved, 6-5-47; ----; Conn.	6 daughters	10	11,006	3.4	370
Sire, ----; dam, ----.	6 dams	14	9,490	3.3	309
Herd Owner, R. E. Hyde, Ellington.	Difference	(4-4-4)	+1,516	+.1	+61
23-R7475 (DHIA EARTAG)	11 daughters	13	8,783	3.6	320
Born, ----; proved, 6-19-47; dead; Pa.	11 dams	24	9,009	3.8	343
Sire, ----; dam, ----.	Difference	(6-4-5)	-226	-.2	-23
Herd Owner, Frank Carr, Meshoppen.					
23*AJ56041 (BANGS OR TB EARTAG)	7 daughters	10	8,842	3.7	323
Born, ----; proved, 6-26-47; ----; Pa.	6 daughters	9	8,957	3.7	330
Sire, ----; dam, ----.	6 dams	35	9,349	4.2	394
Herd Owner, B. C. Walters, Slickville.	Difference	(3-0-1)	-392	-.5	-64
35*EC11607 (BANGS OR TB EARTAG)	6 daughters	11	8,402	3.4	282
Born, ----; proved, 6-26-47; ----; Wis.	6 dams	27	9,510	3.4	325
Sire, ----; dam, ----.	Difference	(2-3-3)	-1,108	.0	-43
Herd Owner, Wm. Ewald & Ed. Schalimski, Mayville.					

JERSEY SIRES

ACE FAIRY PRINCE 408123	15 daughters	16	6,738	5.0	337
Born, 1-19-40; proved, 6-17-47; dead; Vt.	15 dams	48	6,927	5.0	343
Sire, 297011; dam, 1097637.	Difference	(7-10-7)	-189	.0	-6
Herd Owner, Hewitt Moore, North Pomfret.					
BARON BESS' DESIGN 416937	13 daughters	14	6,981	5.7	399
Born, 2-14-40; proved, 6-6-47; dead; N. Y.	12 daughters	13	7,115	5.7	407
Sire, 336549; dam, 1120499.	12 dams	39	7,065	5.6	396
Herd Owner, Allegany County Farm, Angelica.	Difference	(7-8-7)	+50	+.1	+11
BEAU BLONDE OF BROOKMEAD 418438	6 daughters	6	7,808	5.5	431
Born, 5-2-40; proved, 6-18-47; ----; Md.	6 dams	12	7,603	4.8	366
Sire, 376708; dam, 1092674.	Difference	(3-6-5)	+205	+.7	+65
Herd Owner, Glenn & E. R. McGrady, Rising Sun.					
BEAUTY CORONATION LAD 401013	7 daughters	13	8,329	5.2	432
Born, 10-19-38; proved, 6-16-47; dead; Vt.	6 daughters	10	8,215	5.2	429
Sire, 388783; dam, 1219962.	6 dams	20	6,790	5.1	349
Herd Owner, Oak Ridge Farm, Windsor.	Difference	(4-4-5)	+1,425	+.1	+80

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BEAUTY GOLDEN LADDIE 414188	7 daughters	8	6,357	5.4	345
Born, 5-4-40; proved, 6-19-47; alive, Pa.	6 daughters	7	6,357	5.4	343
Sire, 389488; dam, 1073961.	6 dams	29	7,878	4.9	389
Herd Owner, Charles F. Adams, Waynesburg.	Difference	(2-6-2)	-1,521	+.5	-46
BLONDE OXFORDIA LAD 406236	7 daughters	15	5,370	5.0	271
Born, 12-20-37; proved, 6-17-47; ----; Vt.	7 dams	16	5,644	5.2	296
Sire, 349938; dam, 705970.	Difference	(3-4-3)	-274	-.2	-25
Herd Owner, Elton W. Clifford, North Pomfret.					
BONNIE OWL ARISTOCRAT 414784	8 daughters	8	9,038	5.2	468
Born, 12-31-39; proved, 6-24-47; ----; Va.	8 dams	16	7,523	5.6	418
Sire, 298411; dam, 963961.	Difference	(7-1-5)	+1,515	-.4	+50
Herd Owner, Cleveland Dairy Farm, Orange.					
BRAMPTON ROYAL DESIGNER 384138	5 daughters	6	5,676	5.4	306
Born, 5-8-37; proved, 6-4-47; ----; Mo.	5 dams	8	6,405	5.0	323
Sire, P.S. 7065 C.; dam, 93018 CJCC.	Difference	(1-3-3)	-729	+.4	-17
Herd Owner, Jewell E. Windle, Springfield.					
COLONEL HALIFAX 405593	13 daughters	18	6,175	5.4	335
Born, 10-18-38; proved, 6-18-47; ----; Vt.	12 daughters	17	6,229	5.4	337
Sire, 385734; dam, 1159497.	12 dams	46	7,496	5.1	382
Herd Owner, Floyd Stone, Jacksonville.	Difference	(2-10-3)	-1,267	+.3	-45
CORONATION VANITY NOBLE 404726	5 daughters	9	6,404	4.6	293
Born, 10-20-38; proved, 6-30-47; ----; Ariz.	5 dams	24	7,491	5.0	373
Sire, 259455; dam, 1024054.	Difference	(0-0-0)	-1,087	-.4	-80
Herd Owner, F. L. Chesney, Glendale.					
DESIGN FORWARD 381088	14 daughters	22	7,229	5.1	367
Born, 6-8-36; proved, 6-24-47; ----; Ky.	13 daughters	20	7,097	5.0	358
Sire, 318955; dam, 1052060.	13 dams	49	6,803	5.2	352
Herd Owner, Murray State Teacher's College, Murray.	Difference	(6-3-5)	+294	-.2	+6
DESIGN ROWER MAJESTY 411379	13 daughters	17	7,468	5.0	374
Born, 7-12-39; proved, 6-17-47; dead; Vt.	11 daughters	14	7,388	5.0	371
Sire, 362214; dam, 1032106.	11 dams	36	7,094	5.1	361
Herd Owner, Ransom Perry, South Pomfret.	Difference	(7-7-7)	+294	-.1	+10
DRACONIS STAR STANDARD 407444	8 daughters	12	6,130	5.6	343
Born, 12-21-38; proved, 6-18-47; ----; W. Va.	7 daughters	11	6,145	5.6	342
Sire, 374081; dam, 967148.	7 dams	16	5,936	5.3	315
Herd Owner, John A. Kelly, Ona.	Difference	(3-5-4)	+209	+.3	+27
DREAMING MOOR DANDELION 417354	5 daughters	5	7,521	5.2	388
Born, 10-18-39; proved, 6-5-47; ----; N. Y.	5 dams	14	7,097	5.7	406
Sire, 361457; dam, 933717.	Difference	(3-1-3)	+424	-.5	-18
Herd Owner, Lee Chamberlain, Wyoming.					
EXPECTANT BEN FOX 407501	10 daughters	23	6,405	5.0	319
Born, 3-26-39; proved, 6-18-47; ----; N. Y.	7 daughters	15	6,598	5.1	334
Sire, 371919; dam, 927302.	7 dams	12	6,264	5.3	331
Herd Owner, Floyd A. Newburg, Portville.	Difference	(4-4-4)	+334	-.2	+3
FAN PRIDE OF MEADOWLAWN 424931	13 daughters	14	7,406	5.3	394
Born, 9-18-39; proved, 6-24-47; ----; Pa.	13 dams	48	8,061	5.4	433
Sire, 358977; dam, 825042.	Difference	(3-8-3)	-655	-.1	-39
Herd Owner, G. G. McDowell, Grove City.					
FAUVIC JIM ZERO PAL 416199	5 daughters	5	7,174	5.1	367
Born, 12-14-39; proved, 6-10-47; dead; Ill.	5 dams	25	7,015	5.4	377
Sire, 376180; dam, 1113255.	Difference	(3-1-2)	+159	-.3	-10
Herd Owner, R. H. Hayes & Son, Sparta.					
FAUVIC PRINCE DESIGN 418194	7 daughters	8	5,979	5.1	307
Born, 11-10-39; proved, 6-4-47; ----; Pa.	5 daughters	6	5,664	5.1	288
Sire, 370863; dam, 1128475.	5 dams	20	6,725	4.6	312
Herd Owner, Robert R. & Floyd Douglas, Enon Valley.	Difference	(1-5-2)	-1,061	+.5	-24
FLOSS' DUKE MODEL VANDYKE 414702	6 daughters	7	6,953	4.9	342
Born, 3-13-40; proved, 6-18-47; ----; Vt.	6 dams	19	7,469	4.7	351
Sire, 369058; dam, 673165.	Difference	(1-5-2)	-516	+.2	-9
Herd Owner, George H. Davis Farm, Rutland.					
FOREMOST DOTTER 408090	6 daughters	7	6,081	5.9	361
Born, 3-26-39; proved, 6-16-47; ----; Mich.	5 daughters	6	5,633	5.9	330
Sire, 309246; dam, 1067189.	5 dams	13	7,632	5.2	394
Herd Owner, Emerson Duncan, Durand.	Difference	(1-5-2)	-1,999	+.7	-64
GAMBOGE BLONDE ST. MAWES 404309	10 daughters	21	6,216	5.4	335
Born, 9-20-37; proved, 6-30-47; ----; Wash.	8 daughters	17	6,309	5.4	343
Sire, 376444; dam, 799273.	8 dams	25	7,380	5.1	378
Herd Owner, Henry E. Alexander, Granger.	Difference	(2-6-3)	-1,071	+.3	-35

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GIPSY GOOD WONDER LAD 409402	15 daughters-	29	8,998	5.0	447
Born, 1-31-39; proved, 6-10-47; alive; Wash.	10 daughters-	21	9,273	4.9	457
Sire, 355914; dam, 1020519.	10 dams------	28	8,705	5.3	458
Herd Owner, William Goeres & Sons, Satsop.	Difference---	(7-4-6)	+568	-.4	-1
GRACEFUL PROGRESS OWL 418378	11 daughters-	11	5,680	5.8	330
Born, 11-19-40; proved, 6-4-47; ----; Va.	6 daughters-	6	6,070	5.9	356
Sire, 353305; dam, 1062561.	6 dams------	8	7,832	5.3	413
Herd Owner, E. W. Thompson, Woodbridge.	Difference---	(1-5-2)	-1,762	+.6	-57
GRAND OWLET PRINCE 416524	13 daughters-	27	7,307	5.1	376
Born, 10-18-39; proved, 6-19-47; ----; W. Va.	13 dams------	58	7,051	5.6	396
Sire, 378472; dam, 1006348.	Difference---	(9-2-7)	+256	-.5	-20
Herd Owner, Cecil G. Brown, Buckhannon.					
HAWTHORNE DREAMING SAM 407635	10 daughters-	10	6,812	5.5	372
Born, 4-16-39; proved, 6-30-47; ----; Pa.	9 daughters-	9	6,592	5.5	364
Sire, 349520; dam, 1173953.	9 dams------	16	7,512	5.0	374
Herd Owner, Mark Anthony, Marion Center.	Difference---	(3-7-5)	-920	+.5	-10
IMP. BLONDE'S OXFORD DREAMER 408982	7 daughters-	10	6,118	5.0	308
Born, 8-23-36; proved, 6-10-47; ----; Pa.	7 dams------	25	6,503	5.1	332
Sire, 373033; dam, P. S. 38440 H. C.	Difference---	(2-4-1)	-385	-.1	-24
Herd Owner, Edwin P. Kilroe, Honesdale.					
JESSOMA NORA'S AIM 410976	6 daughters-	9	6,281	5.3	335
Born, 3-4-38; proved, 6-10-47; ----; Wis.	6 dams------	20	6,656	5.3	355
Sire, 77528 CJCC; dam, 39310 CJCC.	Difference---	(4-3-2)	-375	.0	-20
Herd Owner, Vernon County Asylum, Viroqua.					
JESSOMA WONDERFUL LAD 390716	13 daughters-	21	8,659	5.5	473
Born, 8-11-37; proved, 6-30-47; ----; Wash.	6 daughters-	14	8,268	5.4	445
Sire, 59456 CJCC; dam, 73453 CJCC.	6 dams------	22	6,701	5.4	362
Herd Owner, Fred A. Wall, Centralia.	Difference---	(5-3-6)	+1,567	.0	+83
J. ROYAL KING THAYER 398988 *(July 1946)	39 daughters-	55	7,572	5.2	390
Born, 12-17-38; proved, 6-17-47; ----; Vt.	31 daughters-	44	7,605	5.2	393
Sire, 250214; dam, 956932.	31 dams------	134	7,967	5.1	404
Herd Owner, The Hill Farm, St. Albans.	Difference---	(9-21-13)	-362	+.1	-11
JUNE VOLUNTEER PRINCE 408964	9 daughters-	20	10,981	5.3	587
Born, 1-22-40; proved, 6-18-47; ----; Wash.	8 daughters-	19	10,977	5.2	575
Sire, 384221; dam, 1202810.	8 dams------	20	9,398	5.5	518
Herd Owner, Walter Gustafson, Rochester.	Difference---	(6-1-5)	+1,579	-.3	+57
LACTIFLORA'S BOB 411798	11 daughters-	16	6,395	5.6	356
Born, 7-27-39; proved, 6-5-47; ----; Vt.	11 dams------	45	7,904	5.5	433
Sire, 382281; dam, 1031949.	Difference---	(2-8-2)	-1,509	+.1	-77
Herd Owner, Dan H. Wright & Sons, West Brattleboro.					
LE CROIX SYBIL VOLUNTEER 416309	7 daughters-	13	7,318	5.2	378
Born, 10-7-39; proved, 6-10-47; ----; Vt.	7 dams------	32	7,943	5.1	406
Sire, 364414; dam, 1157874.	Difference---	(2-5-3)	-625	+.1	-28
Herd Owner, Estey Farm, Hinesburg.					
LILAC COURIER 390373 *8	21 daughters-	52	8,214	5.6	461
Born, 10-27-37; proved, 6-27-47; ----; Wis.	19 daughters-	50	8,161	5.7	462
Sire, 376690; dam, 1137960.	19 dams------	46	7,068	5.4	385
Herd Owner, P. G. Warmington, Honey Creek.	Difference---	(15-14-16)	+1,093	+.3	+77
LILAC REMUS TRIUMPH 403239 *(Mar. 1946)	14 daughters-	23	8,168	5.4	439
Born, 6-13-39; proved, 6-6-47; ----; N. J.	14 dams------	70	7,646	5.9	449
Sire, 328497; dam, 961119.	Difference---	(11-2-7)	+522	-.5	-10
Owner, Indiana A. B. A., Ind.					
LILAC REMUS UNRIVALED WAYNE 434170	8 daughters-	8	7,894	5.8	461
Born, 12-21-41; proved, 6-17-47; alive, Vt.	8 dams------	23	6,530	5.3	343
Sire, 409293; dam, 1169135.	Difference---	(7-7-8)	+1,364	+.5	+118
Herd Owner, Charles Gale, Stowe.					
MAC'S REGAL PEEK 412316	8 daughters-	13	9,075	5.1	463
Born, 10-25-37; proved, 6-18-47; ----; Wash.	6 daughters-	11	9,156	5.2	474
Sire, 383078; dam, 1143394.	6 dams------	14	8,686	5.3	462
Herd Owner, Roy Brunson, Ellensburg.	Difference---	(4-3-3)	+470	-.1	+12
MIGHTY OXFORD VAMP 383871	7 daughters-	16	6,667	5.1	343
Born, 8-20-36; proved, 6-24-47; ----; Mich.	6 daughters-	15	6,535	5.2	341
Sire, 361841; dam, 1067197.	6 dams------	18	7,095	5.4	383
Herd Owner, Sheldon H. Latourette, Hartland.	Difference---	(2-3-2)	-560	-.2	-42
MUSIC PRINCE OF THE VALLEY 373873	5 daughters-	5	5,848	5.3	313
Born, 10-29-35; proved, 6-16-47; ----; Va.	5 dams------	12	6,225	5.3	332
Sire, 325324; dam, 814286.	Difference---	(3-2-1)	-377	.0	-19
Herd Owner, E. F. Lohr, Uno.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
NINETTE'S ROYAL DESIGN 410864	7 daughters-	12	6,034	6.0	361
Born, 6-7-39; proved, 6-26-47;----: Kans.	7 dams------	20	8,315	5.4	446
Sire, 369395; dam, 1190704.	Difference---	(0-6-1)	-2,281	+.6	-85
Herd Owner, D. W. Boster, Larned.					
NURIEL GEONNOIS VOLUNTEER 406311 *(Sept. 1946)	11 daughters-	16	6,981	5.0	347
Born, 2-20-39; proved, 6-30-47; ----; Md.	10 daughters-	15	7,032	4.9	346
Sire, 371003; dam, 1150670.	10 dams------	38	7,266	5.1	367
Owner, Maryland Co-op. A. B. A., Inc.	Difference---	(4-5-4)	-234	-.2	-21
OAKDALE ROYALIST 400146	12 daughters-	20	7,008	5.3	371
Born, 7-20-38; proved, 6-4-47; alive; Vt.	8 daughters-	11	6,730	5.6	375
Sire, 358525; dam, 977402.	8 dams------	43	6,999	5.1	360
Herd Owner, Pomfret Highlands Farm, Woodstock.	Difference---	(4-7-6)	-269	+.5	+15
OBSERVER ONWARD J. B. 410458	18 daughters-	19	6,853	5.3	362
Born, 10-10-38; proved, 6-24-47; ----; Conn.	15 daughters-	16	6,882	5.3	364
Sire, 370570; dam, 1011199.	15 dams------	28	7,320	5.3	388
Owner, Broome Co-op. A. B. A., Inc., N. Y.	Difference---	(4-9-6)	-438	.0	-24
OXFORDIA'S CONCENTRATION 374948	6 daughters-	15	7,981	5.5	436
Born, 8-20-35; proved, 6-18-47; ----; Ill.	5 daughters-	12	7,780	5.5	427
Sire, 224546; dam, 941937.	5 dams------	18	7,882	4.8	380
Herd Owner, Herbert W. Huber, Streator.	Difference---	(2-5-4)	-102	+.7	+47
OXFORD RALEIGH FAUVIC OWL 402762	9 daughters-	17	6,376	5.3	341
Born, 10-11-38; proved, 6-9-47; ----; Vt.	9 dams------	55	7,628	5.2	397
Sire, 381870; dam, 758723.	Difference---	(0-7-0)	-1,252	+.1	-56
Owner, Vermont Co-op. A. B. A., Inc.					
OXFORD SYBIL CHAMPION 416870	8 daughters-	10	7,680	5.5	426
Born, 1-19-40; proved, 6-10-47; dead; Pa.	3 dams------	52	8,694	5.6	489
Sire, 387920; dam, 976356.	Difference---	(3-2-2)	-1,014	-.1	-63
Herd Owner, C. C. Pollock, Marion Center.					
PAULINA'S EASTER DESIGN 431559	7 daughters-	7	6,816	5.3	363
Born, 4-13-41; proved, 6-10-47; ----; Vt.	7 dams------	34	7,022	5.4	381
Sire, 420906; dam, 1289108.	Difference---	(4-3-4)	-206	-.1	-18
Herd Owner, Estey Farm, Hinesburg.					
PEDRO CORONA KING OF S. S. F. 412727	10 daughters-	13	7,892	5.0	395
Born, 8-19-39; proved, 6-5-47; ----; N. Y.	9 daughters-	11	7,709	5.1	391
Sire, 383377; dam, 1149878.	9 dams------	26	7,800	5.0	393
Herd Owner, Mrs. Edith B. Johnston & Son, Tully.	Difference---	(6-4-5)	-91	+.1	-2
PEDRO LAD OF OAKWOOD 415055	12 daughters-	18	7,741	5.1	394
Born, 10-8-40; proved, 6-30-47; ----; Pa.	9 daughters-	12	7,497	5.1	384
Sire, 347744; dam, 967537.	9 dams------	22	8,052	5.4	431
Owner, Western Pennsylvania Co-op. A. B. A.	Difference---	(4-3-1)	-555	-.3	-47
POCO SILVER POGIS 434940	6 daughters-	7	6,352	5.6	353
Born, 7-10-39; proved, 6-4-47; dead; Vt.	6 dams------	22	6,612	4.9	322
Sire, 349074; dam, 995212.	Difference---	(2-5-3)	-260	+.7	+31
Herd Owner, Don V. Camp, South Barre.					
PREMIER DAN OF BENDALE 413215	7 daughters-	14	5,789	5.6	324
Born, 10-14-38; proved, 6-6-47; ----; Pa.	6 daughters-	10	5,486	5.6	304
Sire, 384119; dam, 1083323.	6 dams------	29	8,450	5.7	481
Herd Owner, M. V. Bennett, Laceyville.	Difference---	(0-2-0)	-2,964	-.1	-177
PRIDE LODESTAR 414307	14 daughters-	26	5,885	5.2	305
Born, 10-15-39; proved, 6-5-47; ----; Vt.	11 daughters-	22	5,836	5.2	304
Sire, 312724; dam, 1082556.	11 dams------	37	7,266	5.2	380
Herd Owner, Glen Button, Chelsea.	Difference---	(2-5-3)	-1,430	.0	-76
PRIMROSE BLONDE HEIR 408872	9 daughters-	27	8,492	5.1	437
Born, 8-24-34; proved, 6-16-47; ----; Pa.	5 daughters-	15	8,798	4.9	429
Sire, 336511; dam, 699210.	5 dams------	17	9,062	4.8	432
Herd Owner, Clyde Vosburgh & Sons, Titusville.	Difference---	(2-3-3)	-264	+.1	-3
PROGRESS FERN INTEREST 382352 *9	18 daughters-	40	7,417	5.2	389
Born, 9-10-36; proved, 6-5-47; dead; Mo.	17 daughters-	39	7,457	5.3	392
Sire, 319668; dam, 924503.	17 dams------	65	7,647	5.1	390
Herd Owner, G. R. McGary, Fayette.	Difference---	(9-11-10)	-190	+.2	+2
REMUS ROBERTA REXTAURUS 404113	9 daughters-	13	7,603	5.2	393
Born, 5-12-39; proved, 6-30-47; ----; N. Y.	6 daughters-	10	8,049	5.3	427
Sire, 328497; dam, 890917.	6 dams------	16	7,651	5.5	419
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference---	(3-2-3)	+398	-.2	+8
RUSH FETERITA VALENTINE 407570	8 daughters-	13	7,110	5.9	423
Born, 12-12-38; proved, 6-30-47; ----; Wash.	6 daughters-	9	7,182	5.9	421
Sire, 92055 CJCC; dam, 92057 CJCC.	6 dams------	21	8,461	5.5	462
Herd Owner, Gust Torrell & Son, Mt. Vernon.	Difference---	(1-4-2)	-1,279	+.4	-41

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SIGNALMAN SIGNAL 423591	14 daughters	19	8,570	5.1	439
Born, 11-13-32; proved, 6-6-47; ----; Wash.	7 daughters	8	9,203	5.1	466
Sire, 45624 CJCC; dam, 44349 CJCC.	7 dams	16	7,563	5.4	411
Herd Owner, A. H. Poston & Sons, Mead.	Difference	(6-2-4)	+1,640	-.3	+55
SOPHIE LAD PET POGIS 425184	5 daughters	12	8,519	5.5	472
Born, 6-23-37; proved, 6-16-47; ----; Pa.	5 dams	27	7,783	5.3	414
Sire, 367758; dam, 1101567.	Difference	(3-2-3)	+736	+.2	+58
Herd Owner, S. S. Babcock, Mercer.					
SUB-ZERO 371978	7 daughters	7	7,254	4.9	353
Born, 1-27-36; proved, 6-17-47; ----; Minn.	7 dams	35	7,112	5.4	384
Sire, 237791; dam, 920999.	Difference	(3-1-3)	+142	-.5	-31
Herd Owner, A. H. Gieseke & Son, St. James.					
SUCCESSOR DUKE TORMENTOR 447076	11 daughters	12	7,344	5.5	407
Born, 9-15-40; proved, 6-16-47; ----; Md.	11 dams	71	6,952	5.3	369
Sire, 355635; dam, 946935.	Difference	(8-8-8)	+392	+.2	+38
Herd Owner, Indian Spring Farm, Darlington.					
SYBIL BRIGHT MAJESTY 412654	10 daughters	20	6,496	5.4	351
Born, 11-30-37; proved, 6-24-47; ----; Vt.	6 daughters	11	6,394	5.5	354
Sire, 390800; dam, 862754.	6 dams	17	7,533	5.5	415
Herd Owner, John W. Dana, North Pomfret.	Difference	(1-2-1)	-1,139	.0	-61
SYBIL DIAMOND KINGHT 406009	9 daughters	16	5,568	5.1	283
Born, 6-10-37; proved, 6-18-47; ----; Vt.	5 daughters	8	5,851	5.0	295
Sire, 370052; dam, 731477.	5 dams	22	6,359	5.6	355
Herd Owner, W. C. & F. C. Arms, Burlington.	Difference	(1-0-1)	-508	-.6	-60
SYBIL PET RALEIGH BOY 413044	10 daughters	13	6,121	5.4	330
Born, 6-26-40; proved, 6-17-47; dead; Vt.	9 daughters	11	6,044	5.3	322
Sire, 373611; dam, 662684.	9 dams	35	6,368	5.3	339
Herd Owner, Fred E. Allen, Bethel.	Difference	(3-5-4)	-324	.0	-17
SYBIL'S GOLDEN JEST 405024	10 daughters	19	7,742	4.6	356
Born, 5-10-39; proved, 6-10-47; alive; Utah.	8 daughters	17	7,833	4.6	363
Sire, 285934; dam, 1044433.	8 dams	24	8,974	4.8	431
Herd Owner, Lee E. Thurgood, West Point.	Difference	(2-4-2)	-1,141	-.2	-68
VICTOR VALOR 401035	8 daughters	13	8,277	5.5	452
Born, 10-22-38; proved, 6-19-47; ----; Mass.	8 dams	21	8,383	5.2	439
Sire, 377872; dam, 1027639.	Difference	(4-6-5)	-106	+.3	+13
Herd Owner, High Lawn Farm, Lenox.					
VIRGINIA'S POGIS LAD 416146	9 daughters	10	5,870	5.5	323
Born, 8-31-39; proved, 6-5-47; alive; Ill.	9 dams	39	6,538	6.0	394
Sire, 370740; dam, 1056200.	Difference	(4-1-3)	-668	-.5	-71
Herd Owner, R. H. Hayes & Son, Sparta.					
VOLUNTEER SYBIL BARON 390458	6 daughters	11	7,785	5.7	440
Born, 2-8-38; proved, 6-30-47; ----; Wash.	6 dams	13	8,704	4.9	430
Sire, 365924; dam, 1117164.	Difference	(2-6-4)	-919	+.8	+10
Herd Owner, H. D. Ozment, Cathlamet.					
WONDERFUL CLAIM OBSERVER 384137	9 daughters	22	7,834	5.2	409
Born, 8-9-37; proved, 6-30-47; ----; Ohio.	9 dams	39	7,796	5.2	403
Sire, 80144 CJCC; dam, 1145595.	Difference	(5-4-5)	+38	.0	+6
Herd Owner, F. W. Rowland & Son, New London.					
XENIA BELL OXFORD BLONDE 374376	8 daughters	11	6,728	5.0	337
Born, 11-6-34; proved, 6-18-47; ----; La.	8 dams	27	5,795	4.9	285
Sire, 336077; dam, 844602.	Difference	(4-5-5)	+933	+.1	+52
Herd Owner, Louisiana Polytechnic Institute, Ruston.					
414048	8 daughters	8	8,046	5.2	420
Born, ----; proved, 6-6-47; ----; Wis.	7 daughters	7	8,045	5.1	413
Sire, ----; dam, ----.	7 dams	22	8,558	5.5	467
Herd Owner, P. N. Steffanus, Delavan.	Difference	(4-2-2)	-513	-.4	-54
416196	6 daughters	6	7,456	5.1	382
Born, ----; proved, 6-5-47; ----; Pa.	6 dams	15	6,934	5.2	359
Sire, ----; dam, ----.	Difference	(4-3-4)	+522	-.1	+23
Herd Owner, Richard E. Shields & Sons, Summerville.					
23-A0459 (DHIA EARTAG)	13 daughters	24	7,014	5.6	394
Born, ----; proved, 6-26-47; ----; Pa.	13 dams	79	7,658	5.9	448
Sire, ----; dam, ----.	Difference	(4-5-2)	-644	-.3	-54
Herd Owner, John C. Mohney, Punxsutawney.					
23-A0486 (DHIA EARTAG)	17 daughters	27	7,213	5.6	406
Born, ----; proved, 6-26-47; ----; Pa.	17 dams	71	8,086	5.7	465
Sire, ----; dam, ----.	Difference	(5-8-4)	-873	-.1	-59
Herd Owner, John C. Mohney, Punxsutawney.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
23*AF18754 (BANGS OR TB EARTAG)	5 daughters-	9	8,501	4.7	397
Born, ----; proved, 6-30-47; ----; Pa.	5 dams------	23	9,158	4.4	404
Sire, ----; dam, ----.	Difference---	(2-5-3)	-657	+.3	-7
Herd Owner, T. W. McLain & Son, Moscow.					

RED DANE SIRES

51*D512 (EARTAG) *10	40 daughters-	96	7,796	4.0	309
Born, ----; proved, 6-30-47; ----; Mich,	23 daughters-	57	7,912	4.0	315
Sire, 51*D502; dam, 51*D20.	23 dams------	64	7,475	4.0	297
Owner, Michigan Co-op. A. B. A., Inc.	Difference---	(11-13-12)	+437	.0	+18
51*D514 (EARTAG)	12 daughters-	15	6,991	4.1	288
Born, ----; proved, 6-10-47; ----; Mich.	6 daughters-	6	5,535	4.0	223
Sire, ----; dam, ----.	6 dams------	14	8,274	3.4	285
Herd Owner, Otto Klein, Harrisville.	Difference---	(0-6-1)	-2,739	+.6	-62
51*D538 (EARTAG)	10 daughters-	13	7,848	4.0	314
Born, ----; proved, 6-6-47; alive; Mich.	6 daughters-	7	7,528	4.1	308
Sire, ----; dam, ----.	6 dams------	20	7,781	4.2	324
Herd Owner, Basil Redmond, Marlette.	Difference---	(3-4-3)	-253	-.1	-16
51*D545 (EARTAG)	12 daughters-	15	7,539	4.2	316
Born, ----; proved, 6-6-47; alive; Mich.	8 daughters-	9	7,796	4.2	328
Sire, ----; dam, ----.	8 dams------	21	7,087	4.5	316
Herd Owner, Clifford Shantz, Fairview.	Difference---	(5-4-4)	+709	-.3	+12

SHORTHORN SIRES

MODEL SUPREME 1943617	7 daughters-	8	8,102	3.6	296
Born, 5-20-38; proved, 6-20-47; ----; Iowa.	7 dams------	16	8,247	3.5	291
Sire, 1832621; dam, 1774323.	Difference---	(4-5-4)	-145	+.1	+5
Owner, Dairy Genetics Company A. B. A.					
NERALCAM LAIRD 1907469	11 daughters-	11	8,531	3.4	294
Born, 10-13-36; proved, 6-27-47; ----; Wis.	6 daughters-	6	9,151	3.5	317
Sire, 1760596; dam, 1762018.	6 dams------	10	9,040	3.8	345
Herd Owner, Gerner Farms, Adell.	Difference---	(3-0-2)	+111	-.3	-28
RED PRINCE 1924056	9 daughters-	14	6,096	3.8	230
Born, 5-27-37; proved, 6-20-47; ----; Iowa.	6 daughters-	11	6,612	3.8	250
Sire, 1803548; dam, 1677174.	6 dams------	15	7,220	4.0	292
Herd Owner, Arthur E. Eschen, Lamont.	Difference---	(3-1-2)	-608	-.2	-42
WILDLOCH PRIDE 2016855	11 daughters-	15	5,723	4.1	237
Born, 9-28-39; proved, 6-27-47; ----; Kans.	5 daughters-	8	5,446	4.3	233
Sire, 1844405; dam, 1841903.	5 dams------	12	5,936	4.0	238
Herd Owner, Walter H. Otte, Great Bend.	Difference---	(3-5-3)	-490	+.3	-5

AMERICAN DAIRY CATTLE CLUB SIRES

ELMWOOD FARMS LEADER'S LADDIE 577
(This sire is also a registered Guernsey "Elmwood Farms Leader's Laddie 293567." Proved Sire data included in Guernsey listing.)

ROGER OF CORN BLOSSOM FARM 477
(This sire is also a registered Guernsey "Roger of Corn Blossom Farm 273438." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement Association Letter Vol. 23, No. 8

August 1947

DHIA COWS ESTABLISH ANOTHER ALL-TIME RECORD OF HIGH PRODUCTION IN 1946

Cows in dairy-herd-improvement-association herds established another new high record in 1946 by producing an average of 8,635 pounds of milk and 349 pounds of butterfat per cow. The previous high record was established in 1945 when the average production of association cows was 8,592 pounds of milk and 346 pounds of butterfat.

This continued improvement in the producing ability of DHIA cows and herds is not the result of a series of fortunate incidences, but is the result of years of painstaking effort on the part of association members to improve the producing efficiency of their herds.

These high-producing association herds were not quickly developed. Over the years association members have brought their herds to the present high level of production by following three simple, but basic, practices. They have used the association records on their herds to (1) cull from the herds the low-producing unprofitable cows (2) feed the remaining cows according to their individual producing ability and (3) select the best animals in their herds as breeding stock to improve the inheritance of their future herds for high-producing capacity.

The following table shows the level of production of association cows for various years since 1930:

Year	Average Production	
	Milk	Butterfat
	Pounds	Pounds
1930	7,642	303
1935	7,977	322
1940	8,133	331
1945	8,592	346
1946	8,635	349

On page 2 is a table showing the production level of association cows in 1946 by States.

SUMMARY OF THE 1945-46 DAIRY-HERD-IMPROVEMENT-ASSOCIATION RECORDS, BY STATES

State	Associations active Jan. 1,1946	Associations reporting data for tabulation	Cow-years	Average production			Value of product	Cost of roughage	Cost of grain	Total feed cost	Value of product over feed cost
				Milk	Test	Butterfat					
	Number	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars
Ala----	1	0	-	-	-	-	-	-	-	-	-
Ariz---	4	1/6	2,476.42	9,236	3.8	350	401	150	66	216	185
Ark----	0	0	-	-	-	-	-	-	-	-	-
Calif--	78	1/93	95,020.92	9,289	4.0	374	Feed costs not reported				
Colo---	13	13	2,040.83	8,840	3.9	347	313	94	62	156	157
Conn---	16	8	7,928.25	8,383	4.1	341	437	54	92	146	291
Del----	3	3	1,586.42	7,868	4.2	333	349	71	76	146	202
Fla----	3	0	-	-	-	-	-	-	-	-	-
Ga-----	2	2	436.25	6,323	4.2	266	348	66	94	160	188
T.H.---	2	1	72.00	5,979	-	-	221	6	80	86	135
Idaho--	11	7	2,604.17	8,468	4.2	359	324	86	50	136	188
Ill----	63	43	16,216.75	9,098	3.9	354	335	65	64	129	206
Ind----	49	30	7,616.92	8,339	4.2	354	321	54	61	115	206
Iowa---	55	48	18,357.50	8,568	3.9	338	261	44	63	107	154
Kans---	20	15	5,238.83	8,348	4.0	337	321	58	70	128	193
Ky-----	11	1/13	2,238.00	7,921	4.3	339	329	54	64	118	211
La-----	1	0	-	-	-	-	-	-	-	-	-
Maine--	16	6	2,925.92	7,533	4.2	316	365	61	88	149	216
Md-----	21	20	8,888.83	8,094	4.3	346	367	59	87	146	221
Mass---	6	5	3,582.25	8,091	4.1	333	439	106	99	205	234
Mich---	71	51	18,316.75	8,585	4.1	349	318	64	68	132	186
Minn---	42	33	12,814.67	8,388	3.9	323	264	42	52	94	170
Miss---	0	0	-	-	-	-	-	-	-	-	-
Mo-----	28	23	5,374.25	7,515	4.4	330	279	54	68	122	157
Mont---	5	4	1,899.25	8,325	3.7	309	244	67	44	111	133
Nebr---	10	8	614.42	8,011	4.2	338	265	49	57	106	159
Nev----	3	0	-	-	-	-	-	-	-	-	-
N.H----	11	3	1,887.92	7,600	4.1	311	329	61	77	138	191
N.J----	23	21	13,989.75	8,789	3.9	341	413	103	85	188	225
N.Mex--	1	0	-	-	-	-	-	-	-	-	-
N.Y----	115	103	37,428.17	9,007	3.8	342	372	62	85	147	225
N.C----	6	6	2,643.17	7,798	4.3	334	393	84	89	173	220
N.Dak--	2	1/3	254.83	9,202	3.5	321	232	42	56	98	134
Ohio---	57	31	9,587.75	8,369	4.1	346	307	56	71	127	180
Okla---	2	0	-	-	-	-	-	-	-	-	-
Oreg---	12	7	4,266.33	7,737	4.7	367	330	67	69	136	194
Pa-----	117	1/124	52,449.75	8,511	4.1	346	363	68	91	159	204
P.R.---	1	0	-	-	-	-	-	-	-	-	-
R.I----	1	1	524.00	8,290	4.1	340	433	79	101	180	253
S.C.---	0	0	-	-	-	-	-	-	-	-	-
S.Dak--	1	1	66.58	7,931	3.9	313	202	51	53	104	98
Tenn---	6	5	687.83	6,228	5.1	320	260	45	70	115	145
Tex----	3	2	821.50	6,371	4.7	299	285	19	109	128	157
Utah---	12	9	5,439.75	8,906	3.9	346	279	81	54	134	145
Vt-----	30	27	17,108.83	7,153	4.3	308	318	54	78	132	186
Va-----	37	15	8,757.67	7,612	4.4	331	382	80	87	167	215
Wash---	31	17	14,931.17	8,604	4.4	376	341	86	67	153	188
W.Va---	10	9	3,566.17	7,316	4.4	318	316	61	77	138	178
Wis----	112	41	22,893.42	8,778	3.8	335	292	54	54	108	184
Wyo----	0	0	-	-	-	-	-	-	-	-	-
Average	1,124	844	413,554.17	8,635	2/4.0	2/349	3/314	3/60	3/70	3/130	3/183

1/ Reports were received from more associations than were reported active on January 1, 1946.
2/ Exclusive of Hawaii.
3/ Exclusive of California.

DHIA PROVED-SIRE RECORDS TABULATED IN JULY 1947

Following is a list of 319 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in July 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usally the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the association is listed as the owner.

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
AYRLAND ROBERT 64102	17 daughters	22	6,796	3.9	268
Born, 2-8-40; proved, 7-7-47;----; N. Y.	11 daughters	14	6,667	4.0	263
Sire, 50219; dam, 144687.	11 dams	46	7,625	3.9	296
Herd Owner, Erton Sipher, Macomb.	Difference	(4-7-4)	-958	+.1	-33
CORNELL BARR AYR 63417	9 daughters	12	8,623	4.3	370
Born, 11-28-39; proved, 7-28-47;----; N. Y.	7 daughters	10	9,137	4.2	388
Sire, 57529; dam, 175272.	7 dams	22	9,870	4.2	412
Owner, New York Co-op. A. B. A., Inc.	Difference	(3-6-4)	-733	.0	-24
DANDY'S LASTING MAN 61046	9 daughters	12	8,410	3.8	324
Born, 10-10-38; proved, 7-24-47;----; Maine.	6 daughters	8	8,472	3.8	323
Sire, 43060; dam, 185284.	6 dams	11	8,466	3.6	301
Owner, Maine Co-op. A. B. A.	Difference	(4-5-3)	+ 6	+.2	+22
DELCHESTER NEDDIE 57733	19 daughters	33	9,275	4.0	370
Born, 10-20-37; proved, 7-10-47;----; Pa.	7 daughters	11	9,433	3.9	372
Sire, 39982; dam, 149074.	7 dams	10	8,844	4.0	350
Herd Owner, Delchester Farms, Edgemont.	Difference	(5-5-6)	+589	-.1	+22
FAIR MEADOWS YANKEE WARRIOR 60965	11 daughters	12	7,979	4.4	352
Born, 2-17-39; proved, 7-10-47;----; Pa.	10 daughters	10	7,945	4.4	353
Sire, 50792; dam, 154966.	10 dams	27	9,143	4.0	363
Herd Owner, Blackwood Farm, Douglassville.	Difference	(3-9-5)	-1,198	+.4	-10
FILLMORE LUCKY LAD 65548	7 daughters	7	10,249	4.0	413
Born, 9-14-40; proved, 7-28-47;----; Vt.	7 dams	23	8,261	4.1	341
Sire, 58732; dam, 181880.	Difference	(6-3-6)	+1,988	-.1	+72
Owner, Massachusetts A. B. A., Inc., Mass.					
HAWKSWOOD'S ROMEO 55277	14 daughters	17	10,251	4.4	446
Born, 12-17-36; proved, 7-18-47;----; N. Y.	11 daughters	14	10,754	4.3	465
Sire, 43956; dam, 124987.	11 dams	37	9,494	4.2	399
Herd Owner, Strathbar Farm, Frankfort.	Difference	(8-8-10)	+1,260	+.1	+66
JAY-BEE FERDINAND 60842	10 daughters	13	6,971	4.2	293
Born, 2-23-39; proved, 7-11-47;----; Md.	6 daughters	9	6,924	4.3	299
Sire, 49370; dam, 139213.	6 dams	15	7,005	4.0	280
Herd Owner, Monocacy Ayr Farm, Frederick.	Difference	(3-6-3)	- 81	+.3	+19
JESSIE'S LETO LAD OF NEWARK 60920 *(Apr. 1947)	11 daughters	15	11,147	4.1	455
Born, 2-20-39; proved, 7-8-47; alive; N. Y.	11 dams	35	10,020	4.1	409
Sire, 43336; dam, 128506.	Difference	(9-6-8)	+1,127	.0	+46
Owner, New York Co-op. A. B. A., Inc.					
LESSNESSOCK KROONER, IMP. 57331	6 daughters	15	9,078	3.7	340
Born, 2-25-36; proved, 7-22-47;----; N. Y.	5 daughters	12	8,845	3.7	325
Sire, 51655 imp.; dam, 185276.	5 dams	19	7,501	3.8	286
Herd Owner, Galway Farms, Galway.	Difference	(5-3-5)	+1,344	-.1	+39
MAPLE DRIVE MAGNET 67757	7 daughters	7	9,499	4.3	413
Born, 7-1-41; proved, 7-24-47;----; N. Y.	7 dams	29	9,104	4.0	367
Sire, 50792; dam, 215698.	Difference	(4-7-6)	+395	+.3	+46
Herd Owner, Don L. Stacy, Canton					
MASKA MABS DAIRYMAN, IMP. 68188	5 daughters	5	10,363	4.1	430
Born, 11-29-40; proved, 7-28-47;----; Mass.	5 dams	23	10,750	3.9	420
Sire, 65299; dam, 248638.	Difference	(2-5-2)	-387	+.2	+10
Owner, Massachusetts A. B. A., Inc.					
PENSHURST BRISK MAN 58825	23 daughters	48	10,396	4.0	413
Born, 5-8-38; proved, 7-11-47;----; Md.	17 daughters	31	10,366	3.9	409
Sire, 43060; dam, 185281.	17 dams	27	8,347	4.0	331
Herd Owner, Knollhill Farm, Frederick.	Difference	(15-10-14)	+2,019	-.1	+78
PENSHURST GOLD BOND 55199	17 daughters	33	8,686	4.1	355
Born, 9-10-36; proved, 7-18-47;----; Pa.	10 daughters	19	9,045	4.1	374
Sire, 52000 imp.; dam, 159242.	10 dams	35	9,783	4.1	404
Herd Owner, Spring Cress Farm, Yardley.	Difference	(4-6-4)	-738	.0	-30

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PENSHURST WAR ADMIRAL 56972----------	17 daughters--	24	8,393	4.0	336
Born, 3-12-37; proved, 7-18-47;----; Pa.	13 daughters--	19	8,572	3.9	336
Sire, 52000 imp.; dam, 119637.	13 dams-------	32	9,601	4.1	389
Herd Owner, Ardrossan Farm, Ithan.	Difference----	(3-4-3)	-1,029	-.2	-53
STATESMAN'S AMERICAN NORMAN 56494----------	12 daughters--	21	8,329	3.9	329
Born, 4-12-37; proved, 7-23-47;----; N. Y.	6 daughters---	11	8,694	4.1	356
Sire, 48727; dam, 132231.	6 dams--------	8	8,485	3.9	333
Herd Owner, Edson A. Martin, Canton.	Difference----	(3-5-3)	+209	+.2	+23
STRATHAVEN WAR ADMIRAL 60658 *(Dec. 1946)----------	11 daughters--	21	6,610	3.9	258
Born, 1-20-39; proved, 7-14-47; dead; N. Y.	9 daughters---	15	6,359	3.8	244
Sire, 42422; dam, 147115.	9 dams--------	22	7,941	3.7	294
Herd Owner, Elmlawn Farm, Gouverneur.	Difference----	(2-7-2)	-1,582	+.1	-50
STRATHGLASS PREMIER DOUGLAS 52394 *9----------	23 daughters--	39	9,044	4.0	366
Born, 10-22-35; proved, 7-29-47;----; N. H.	20 daughters--	32	9,220	4.1	373
Sire. 41921; dam, 75404 imp.	20 dams-------	99	8,161	4.0	323
Owner, Massachusetts A. B. A., Inc., Mass.	Difference----	(14-14-16)	+1,059	+.1	+50
STRATHGLASS SAILOR DOUGLAS 57175----------	7 daughters---	12	8,319	3.8	312
Born, 8-7-37; proved, 7-28-47;----; Conn.	6 daughters---	11	8,603	3.8	326
Sire, 41921; dam, 182976.	6 dams--------	23	10,517	3.8	399
Herd Owner, Benmore Farm, New Milford.	Difference----	(1-5-1)	-1,914	.0	-73
SYCAMORE PREDOMINANT 53833----------	21 daughters--	21	9,280	4.1	382
Born, 3-19-36; proved, 7-28-47;----; Pa.	7 daughters---	7	8,066	4.2	340
Sire, 35622; dam, 144913.	7 dams--------	13	9,939	4.2	416
Owner, Massachusetts A. B. A., Inc., Mass.	Difference----	(1-4-1)	-1,873	.0	-76
SYCAMORE SADDLER 44210----------	7 daughters---	12	9,589	4.3	408
Born, 10-7-30; proved, 7-18-47;----; Mass.	6 daughters---	11	9,747	4.3	417
Sire, 35622; dam, 101342.	6 dams--------	22	11,350	4.3	493
Herd Owner, Laneway Farm Dairy Co., Taunton.	Difference----	(2-3-1)	-1,603	.0	-76
WARRIOR'S BRAUMEISTER OF METZ 57182----------	10 daughters--	14	6,640	4.5	297
Born, 7-30-37; proved, 7-21-47;----; Wis.	8 daughters---	11	6,738	4.6	307
Sire, 50504; dam, 114239.	8 dams--------	27	5,826	4.1	242
Herd Owner, Phillip Lautenbach, Fremont.	Difference----	(6-7-7)	+912	+.5	+65
WESTMINSTER JUPITER 50852----------	18 daughters--	19	5,522	3.7	203
Born, 2-27-35; proved, 7-14-47;----; N. H.	11 daughters--	11	5,517	3.6	201
Sire, 32618; dam, 132940.	11 dams-------	17	4,939	4.1	203
Herd Owner, Albert Fletcher, Walpole.	Difference----	(7-2-5)	+578	-.5	- 2
WHITPAIN DIPLOMAT 64866 *(Nov. 1946)----------	16 daughters--	20	8,687	4.0	346
Born, 8-5-40; proved, 7-17-47;----; N. Y.	16 dams-------	70	8,993	4.0	357
Sire, 44209; dam, 157383.	Difference----	(7-12-9)	-306	.0	-11
Herd Owner, Pulpit Rock Farm, Orbow.					

BROWN SWISS SIRES

BETTY'S INKWYL BOY 38548----------	15 daughters--	23	9,950	4.3	425
Born, 7-24-37; proved, 7-28-47;----; Wis.	14 daughters--	21	10,105	4.3	432
Sire, 32960; dam, 19935.	14 dams-------	58	9,563	4.2	400
Herd Owner, John Ingold Estate, Monroe.	Difference----	(7-10-8)	+542	+.1	+32
BONNY DOON 40113----------	6 daughters---	12	9,849	4.2	414
Born, 6-6-37; proved, 7-10-47;----; Ill.	6 dams--------	17	8,846	4.0	356
Sire, 26064; dam, 64467.	Difference----	(3-4-5)	+1,003	+.2	+58
Herd Owner, Rex Rahn, Lanark.					
FOXWOOD'S GOLDEN GLORY 40472----------	5 daughters---	6	8,178	4.0	326
Born, 2-13-38; proved, 7-8-47;----; Ill.	5 dams--------	16	11,474	4.0	459
Sire, 35179; dam, 36395.	Difference----	(0-3-0)	-3,296	.0	-133
Herd Owner, Porter Fox, Elburn.					
GREENWOOD VALLEY WALLACE OF ELLERSLIE 39441 *10----------	15 daughters--	27	10,654	4.1	432
Born, 11-14-37; proved, 7-15-47;----; Iowa.	15 dams-------	63	10,940	4.0	438
Sire, 28838; dam, 27868.	Difference----	(8-10-8)	-286	+.1	- 6
Owner, Western Iowa A. B. A.					
MAIDEN'S BETTY BOY J. B. 42937 *10----------	12 daughters--	26	11,556	4.2	480
Born, 8-22-38; proved, 7-8-47; alive; Minn.	12 dams-------	52	11,269	4.0	454
Sire, 27137; dam, 62286.	Difference----	(5-9-6)	+287	+.2	+26
Owner, South Dakota Co-op. A. B. A., S. Dak.					
NIAGARA GIRL KING OF ELLERSLIE 42320----------	13 daughters--	18	9,027	4.1	370
Born, 10-9-38; proved, 7-11-47;----; Pa.	10 daughters--	14	9,061	4.1	370
Sire, 33879; dam, 50070.	10 dams-------	36	10,345	4.0	413
Herd Owner, J. H. Handley, Delta.	Difference----	(0-7-3)	-1,284	+.1	-43

BROWN SWISS SIRES	Animals (number)	Records averaged number	Milk (pounds)	Test (percent)	Fat (pounds)
ROSIE'S LAD OF C. M. 43762	12 daughters	17	12,568	4.0	508
Born, 1-19-39; proved, 7-7-47;----; Wis.	10 daughters	14	12,759	4.0	516
Sire, 36647; dam, 41643.	10 dams	36	10,646	3.9	417
Herd Owner, H. C. Freeman, Beloit.	Difference	(6-9-7)	+2,113	+.1	+99
40435	9 daughters	11	8,627	4.0	346
Born, ----; proved, 7-28-47;----; Ohio.	5 daughters	6	7,855	4.1	319
Sire, ----; dam, ----.	5 dams	21	10,749	3.9	422
Herd Owner, W. L. Welsh & Sons, Richwood.	Difference	(1-5-1)	-2,894	+.2	-103
42266	10 daughters	11	12,290	3.9	478
Born, ----; proved, 7-28-47;----; Ill.	9 daughters	10	12,636	3.9	496
Sire, ----; dam, ----.	9 dams	33	12,102	4.0	479
Herd Owner, Reinhard Gerdes, Princeton.	Difference	(4-7-6)	+534	-.1	+17

GUERNSEY SIRES

ALLEN OF SHORE OAKS 240766	7 daughters	14	7,121	5.1	362
Born, 1-21-36; proved, 7-14-47;----; Mich.	5 daughters	10	6,936	5.0	349
Sire, 148349; dam, 181209.	5 dams	26	5,722	4.9	278
Herd Owner, Elon Colburn & Son, Free Soil.	Difference	(4-3-5)	+1,214	+.1	+71
BAYVILLE MAXIM'S FRANK 250204	6 daughters	6	7,091	4.6	329
Born, 3-28-37; proved, 7-8-47;----; Va.	5 daughters	5	7,153	4.5	319
Sire, 198772; dam, 392692.	5 dams	11	6,292	4.9	311
Herd Owner, Bayville Farms, Lynnhaven.	Difference	(3-2-2)	+861	-.4	+ 8
BETHANY MANCHESTER 267015	6 daughters	7	8,143	5.0	407
Born, 8-17-38; proved, 7-22-47;----; Pa.	6 dams	8	8,597	5.0	430
Sire, 204359; dam, 396064.	Difference	(2-3-3)	-454	.0	-23
Herd Owner, Shadow Brook Dairy, Tunkhannock.					
BIRCHFIELD TRITON 268895	14 daughters	22	6,718	4.7	317
Born, 9-18-38; proved, 7-7-47; dead; Vt.	14 dams	86	7,683	4.9	374
Sire, 227623; dam, 412293.	Difference	(2-6-2)	-965	-.2	-57
Herd Owner, Riford Farm, Proctorsville.					
BLAKEFORD HAROLD 246072 *10	16 daughters	33	7,788	4.7	368
Born, 11-13-36; proved, 7-15-47; alive; Pa.	12 daughters	26	7,474	4.8	355
Sire, 206846; dam, 306761.	12 dams	54	8,294	4.8	398
Owner, Southeastern Pennsylvania Co-op. A. B. A.	Difference	(2-6-3)	-820	.0	-43
BLAKEFORD JANUS 271646	6 daughters	7	9,005	4.3	391
Born, 2-3-39; proved, 7-17-47;----; Wis.	5 daughters	6	8,649	4.4	378
Sire, 206846; dam, 506862	5 dams	16	7,694	4.7	364
Owner, University of Wisconsin, Madison (A. B. A.).	Difference	(2-2-2)	+955	-.3	+14
BORDER KING OF TIPTONOLA 263034	6 daughters	11	7,224	4.8	345
Born, 7-18-36; proved, 7-24-47;----; Iowa.	6 dams	23	7,508	4.7	354
Sire, 213026; dam, 413799.	Difference	(4-4-2)	-284	+.1	- 9
Herd Owner, Carl J. Mitzner, Tipton.					
BOULDER BRIDGE CONTENDER 250299	8 daughters	23	7,300	5.0	361
Born, 2-19-37; proved, 7-17-47;----; Minn.	8 dams	15	8,009	5.0	398
Sire, 216336; dam, 214798.	Difference	(3-3-3)	-709	.0	-37
Herd Owner, Spruce Shadows Farm, Minneapolis.					
BOULDER BRIDGE PHILOSOPHER 279810	11 daughters	17	9,320	4.8	451
Born, 10-6-39; proved, 7-22-47;----; Wash.	9 daughters	14	9,547	4.9	468
Sire, 259502; dam, 406609.	9 dams	27	9,122	4.8	437
Owner, Evergreen A. B. A.	Difference	(5-6-6)	+425	+.1	+31
BRYAN OF SUNESLOPE 269123 *10	18 daughters	37	8,814	4.7	413
Born, 7-16-38; proved, 7-7-47;----; Iowa.	16 daughters	35	8,916	4.7	415
Sire, 230824; dam, 402499.	16 dams	52	7,758	4.6	359
Owner, Eastern Iowa A. B. A.	Difference	(13-10-13)	+1,158	+.1	+56
BUCK-MOR PEARL'S SEQUEL 270706	8 daughters	16	8,605	4.9	424
Born, 9-19-38; proved, 7-14-47;----; Wash.	6 daughters	13	9,082	4.9	440
Sire, 240165; dam, 300700.	6 dams	15	9,301	4.8	442
Herd Owner, H. A. Nelson, Bremerton.	Difference	(3-3-4)	-219	+.1	- 2
CATHEDRAL SAN GABRIEL 219482	8 daughters	9	6,744	4.9	328
Born, 5-31-34; proved, 7-15-47;----; N. Y.	7 daughters	8	6,619	4.9	321
Sire, 159031; dam, 267894.	7 dams	19	7,925	4.9	390
Herd Owner, Fred Clarke, Chester.	Difference	(1-4-1)	-1,306	.0	-69
CHARLESCOTE DANCER 280611	8 daughters	8	8,909	4.3	386
Born, 7-15-39; proved, 7-14-47;----; Vt.	6 daughters	6	8,658	4.4	380
Sire, 208514; dam, 504744.	6 dams	16	8,479	4.3	363
Herd Owner, Ethan Allen Farm, Essex Junction.	Difference	(4-4-4)	+179	+.1	+17

GUERNSEY SIRES	Animals (number)	Records averaged number	Milk (pounds)	Test (percent)	Fat (pounds)
CHEDOC LUXOR [illegible]	7 daughters---	12	9,333	4.4	410
Born, [illegible]-29-36, proved, 7-15-47;----; Maine.	6 daughters---	11	9,710	4.4	424
Sire, 211731; dam, 328241.	6 dams--------	6	6,203	4.6	286
Herd Owner, Clifton N. Walker, Wiscasset.	Difference----	(6-2-5)	+3,507	-.2	+138
CHERUB'S VALLIANT PRINCE 284268	7 daughters---	10	8,916	4.3	382
Born, 10-17-39; proved, 7-14-47;----; Wash.	6 daughters---	9	8,978	4.2	378
Sire, 237065; dam, 527862.	6 dams--------	30	8,272	4.7	386
Herd Owner, John E. Lusk, Lowden.	Difference----	(4-1-2)	+706	-.5	- 8
CHINQUAPIN FIELD MASTER 247990	6 daughters---	13	8,142	4.1	332
Born, 3-14-37; proved, 7-15-47;----; Ind.	5 daughters---	10	7,947	4.1	328
Sire, 187794; dam, 349479.	5 dams--------	18	8,629	4.7	406
Herd Owner, Arthur Horton, Valparaiso.	Difference----	(1-0-1)	-682	-.6	-78
CONTENT'S VAGABOND 266710	10 daughters--	16	9,596	4.8	462
Born, 2-10-38; proved, 7-28-47;----; Pa.	5 daughters---	7	9,825	4.8	471
Sire, 231264; dam, 423364.	5 dams--------	10	10,148	4.6	467
Herd Owner, Irvin P. Benedict, Waynesboro.	Difference----	(2-4-2)	-323	+.2	+ 4
CONVENT'S FLORIAN 263214	7 daughters---	8	8,559	5.0	427
Born, 5-21-38; proved, 7-15-47;----; N. J.	5 daughters---	6	8,446	4.9	414
Sire, 221530; dam, 396982.	5 dams--------	5	10,184	4.8	485
Herd Owner, Robert Cary, Green Village.	Difference----	(1-3-1)	-1,738	+.1	-71
CORIUM OLIVER'S CHAMPION 234814	6 daughters---	6	7,825	5.2	407
Born, 11-1-35; proved, 7-22-47;----; Wis.	5 daughters---	5	8,245	5.2	425
Sire, 209731; dam, 412372.	5 dams--------	21	7,049	4.7	331
Owner, Badger Co-op. A. B. A.	Difference----	(3-5-4)	+1,196	+.5	+94
COURTLAND'S WAHNORA'S ROYAL 240200	8 daughters---	13	7,296	5.0	366
Born, 4-27-36; proved, 7-28-47;----; Va.	8 dams--------	21	7,414	5.2	389
Sire, 203018; dam, 135831.	Difference----	(4-2-4)	-118	-.2	-23
Herd Owner, H. J. Sheppard, Chula.					
CURLES GOLDEN CHIEFTAIN 267320	9 daughters---	13	7,013	4.9	341
Born, 7-18-38; proved, 7-28-47;----; Va.	6 daughters---	8	7,018	4.8	339
Sire, 160363; dam, 248209.	6 dams--------	29	7,067	4.8	342
Herd Owner, Curles Neck Farm #1, Richmond.	Difference----	(3-3-3)	- 49	.0	- 3
DANNY OF ELDERBROOK 300437	5 daughters---	7	7,662	4.4	341
Born, 11-13-40; proved, 7-15-47;----; Wis.	5 dams--------	16	9,575	4.7	453
Sire, 247725; dam, 403553.	Difference----	(0-1-0)	-1,913	-.3	-112
Herd Owner, Herbert Hockmuth, La Valle.					
DEERSHORN FOREMOST 259935	12 daughters--	16	9,702	4.9	472
Born, 8-25-36; proved, 7-11-47;----; Mass.	11 daughters--	14	9,689	4.9	475
Sire, 67827; dam, 269259.	11 dams-------	28	8,625	4.7	404
Owner, Massachusetts A. B. A., Inc.	Difference----	(7-8-8)	+1,064	+.2	+71
EDGE MOUNT DEWEY 266487	6 daughters---	13	6,441	5.0	319
Born, 10-29-38; proved, 7-22-47;----; Pa.	6 dams--------	22	7,791	4.8	371
Sire, 199617; dam, 403782.	Difference----	(3-5-3)	-1,350	+.2	-52
Herd Owner, Lee M. Poorbaugh, York.					
EVELYN'S CAPTAIN PROGRESS 253367	6 daughters---	9	7,047	5.0	353
Born, 4-23-37; proved, 7-17-47;----; Pa.	6 dams--------	21	8,480	5.2	441
Sire, 221963; dam, 454369.	Difference----	(3-2-0)	-1,433	-.2	-88
Herd Owner, Harrold B. Hartman, Sligo.					
EVERGREEN ROYAL'S BUZZY 244147	17 daughters--	26	7,461	4.6	346
Born, 8-17-36; proved, 7-22-47;----; Md.	16 daughters--	24	7,555	4.6	349
Sire, 190818; dam, 299701.	16 dams-------	64	8,583	4.6	394
Owner, Western Pennsylvania Co-op. A. B. A., Pa.	Difference----	(4-10-4)	-1,028	.0	-45
FARETTI'S FARM ETTA'S ROYAL 261413	6 daughters---	10	9,558	5.3	509
Born, 4-22-38; proved, 7-14-47;----; Calif.	6 dams--------	25	7,692	5.4	415
Sire, 251551; dam, 439146.	Difference----	(5-4-6)	+1,866	-.1	+94
Herd Owner, A. Faretti Farms, Lodi.					
FERGUS-LEA FOREMAN 250854	6 daughters---	8	7,041	4.6	322
Born, 2-18-37; proved, 7-17-47;----; Mich.	5 daughters---	6	6,702	4.6	306
Sire, 189819; dam, 407292.	5 dams--------	12	7,867	5.0	395
Herd Owner, Charles D. Ferguson, Almont.	Difference----	(2-1-1)	-1,165	-.4	-89
FERN'S BONNY LAD 266471	12 daughters--	31	8,427	4.8	403
Born, 6-6-38; proved, 7-14-47;----; Pa.	11 daughters--	27	8,376	4.7	397
Sire, 214299; dam, 462329.	11 dams-------	46	9,060	4.8	432
Owner, Western Pennsylvania Co-op. A. B. A.	Difference----	(5-6-4)	-684	-.1	-35
FIELLON OF PRAIRIE HILL FARM 266272	7 daughters---	8	8,189	5.2	429
Born, 11-24-37; proved, 7-18-47;----; Iowa.	7 dams--------	39	7,504	4.9	367
Sire, 199865; dam, 535698.	Difference----	(6-6-7)	+685	+.3	+62
Herd Owner, R. D. Mayer, Bigelow, Minn.					

GUERNSEY SIRES	Animals (number)	Records averaged number	Milk (pounds)	Test (percent)	Fat (pounds)
FLYING HORSE ROYAL CHIEFTAIN 282325 * (July 1946)----------	18 daughters--	23	6,970	4.8	337
Born, 4-28-39; proved, 7-11-47; alive; Maine.	12 daughters--	16	6,692	4.9	325
Sire, 250015; dam, 471052.	12 dams-------	27	7,982	4.6	368
Owner, Maine Co-op. A. B. A.	Difference----	(2-10-5)	-1,290	+.3	-43
FOREMOST DART 245207 *10----------	27 daughters--	49	6,622	4.6	306
Born, 12-5-36; proved, 7-16-47;----; Wis.	23 daughters--	40	6,444	4.7	300
Sire, 206532; dam, 417298.	23 dams-------	60	7,364	5.0	370
Owner, Vernon Co-op. A. B. A.	Difference----	(5-6-3)	-920	-.3	-70
FOX DEAN'S FOREMAN 261544----------	7 daughters---	11	7,579	5.0	377
Born, 6-15-38; proved, 7-28-47;----; Va.	5 daughters---	8	7,404	5.0	372
Sire, 230887; dam, 434368.	5 dams--------	8	8,221	4.5	373
Herd Owner, Dr. J. C. Rawls, Franklin.	Difference----	(2-4-3)	-817	+.5	- 1
FRIENDSHIP GRAND CLIMAX 267408----------	8 daughters---	13	8,419	4.8	405
Born, 8-31-37; proved, 7-18-47;----; N. Y.	7 daughters---	12	8,989	4.8	432
Sire, 146507; dam, 373578.	7 dams--------	21	9,039	4.8	432
Herd Owner, Wychmere Farms, Ontario.	Difference----	(2-5-4)	- 50	.0	0
FRITZLYN GENIUS 200897----------	13 daughters--	30	7,816	5.0	393
Born, 4-23-32; proved, 7-7-47;----; Pa.	8 daughters---	19	8,056	4.9	394
Sire, 77253; dam, 201652.	8 dams--------	30	7,507	5.1	379
Herd Owner, William F. Fretz, Pipersville.	Difference----	(5-4-4)	+549	-.2	+15
GLADEDALE COUNTRY BOY 250000----------	12 daughters--	21	7,425	5.2	385
Born, 3-18-37; proved, 7-17-47;----; Pa.	8 daughters---	15	7,325	5.1	376
Sire, 220790; dam, 215122.	8 dams--------	38	7,161	4.7	339
Herd Owner, Joseph Mandle, Conneaut Lake.	Difference----	(6-6-5)	+164	+.4	+37
GLENWATER FINANCIER 283563 *(Aug. 1946)----------	11 daughters--	18	6,533	5.3	345
Born, 8-30-39; proved, 7-21-47;----; Minn.	11 dams-------	42	6,836	5.2	355
Sire, 237407; dam, 532503.	Difference----	(3-6-6)	-303	+.1	-10
Owner, Southern Minnesota A. B. A.					
GRACE'S PRIDE FOREMOST 239867----------	10 daughters--	15	7,896	5.1	404
Born, 2-11-36; proved, 7-10-47;----; Ohio.	10 dams-------	20	7,069	4.9	346
Sire, 161393; dam, 388264.	Difference----	(8-8-8)	+827	+.2	+58
Herd Owner, Allen L. Gibboney, Bradford.					
GREEN MEADS AGGRESSOR 268449----------	7 daughters---	13	8,297	4.4	364
Born, 5-5-38; proved, 7-28-47;----; Conn.	5 daughters---	10	8,562	4.3	371
Sire, 216866; dam, 501928.	5 dams--------	21	9,453	4.6	433
Herd Owner, Tudor F. Holcomb, West Granby.	Difference----	(1-0-1)	-891	-.3	-62
GOVERNOR OF OAKVALE 250992----------	7 daughters---	18	7,262	4.7	343
Born, 2-12-37; proved, 7-18-47;----; Minn.	6 daughters---	16	7,510	4.7	355
Sire, 234722; dam, 428966.	6 dams--------	34	6,637	4.8	316
Herd Owner, Harlan D. Hanks, Winnebago.	Difference----	(5-3-4)	+873	-.1	+39
GUSANNA'S CAPTAIN 260494----------	16 daughters--	38	7,414	4.6	342
Born, 5-27-35; proved, 7-11-47;----; Wis.	8 daughters---	10	6,848	4.6	315
Sire, 155404; dam, 374831.	8 dams--------	33	7,992	4.6	364
Herd Owner, William Wulff, Thiensville.	Difference----	(3-6-3)	-1,144	.0	-49
GUSANNA'S MONARCH 231392 *7----------	31 daughters--	66	6,884	5.2	356
Born, 9-11-35; proved, 7-17-47;----; Wis.	30 daughters--	64	6,897	5.2	357
Sire, 155404; dam, 359307.	30 dams-------	118	7,461	5.2	387
Herd Owner, Herbert Clausing, Grafton.	Difference----	(9-18-9)	-564	.0	-30
GUSANNA'S STARGAZER 242330 *8----------	15 daughters--	22	6,647	5.1	337
Born, 4-2-36; proved, 7-17-47; dead; Wis.	12 daughters--	17	6,486	5.1	333
Sire, 173294; dam, 304439.	12 dams-------	42	7,240	5.2	374
Herd Owner, Bernhard Behrens, Grafton.	Difference----	(3-7-4)	-754	-.1	-41
HILLTOP BUTTERFAT NOBLE 244132----------	10 daughters--	17	6,869	4.5	307
Born, 9-18-36; proved, 7-23-47;----; Conn.	9 daughters---	14	6,713	4.5	304
Sire, 189151; dam, 392547.	9 dams--------	27	7,377	4.9	363
Herd Owner, The Lyman Farm, Middlefield.	Difference----	(1-2-0)	-664	-.4	-59
HOLLY'S PRINCE RELIANCE 202096----------	6 daughters---	7	8;018	4.6	367
Born, 5-9-31; proved, 7-15-47;----; Conn.	6 dams--------	11	6,208	4.8	295
Sire, 88137; dam, 160865.	Difference----	(5-1-5)	+1,810	-.2	+72
Herd Owner, Oliver D. Tuller, West Simsbury.					
JONACRE VANITY 282310----------	18 daughters--	24	7,506	4.5	341
Born, 10-22-39; proved, 7-23-47;----; Wis.	11 daughters--	16	7,473	4.5	336
Sire, 196128; dam, 589717.	11 dams-------	31	6,807	5.0	337
Owner, East Central Co-op. A. B. A.	Difference----	(8-2-6)	+666	-.5	- 1
KENFLEUR'S APOLLO 250152----------	7 daughters---	18	8,921	5.4	485
Born, 11-20-36; proved, 7-28-47;----; Ill.	5 daughters---	11	9,026	5.4	488
Sire, 206886; dam, 500082.	5 dams--------	14	8,268	5.5	452
Herd Owner, John G. Busboom, Gifford.	Difference----	(3-3-3)	+758	-.1	+36

GUERNSEY SIRES	Animals (number)	Records averaged number	Milk (pounds)	Test (percent)	Fat (pounds)
KENFLEUR'S DICTA BADGER 268454	7 daughters	15	6,970	4.8	336
Born, 2-9-38; proved, 7-24-47;----; Wis.	7 dams	26	6,892	5.1	349
Sire, 167470; dam, 285040.	Difference	(4-2-3)	+ 78	-.3	-13
Herd Owner, University of Wisconsin, Madison.					
LANGWATER AGAWAM 294225	13 daughters	16	9,009	4.6	415
Born, 5-7-40; proved, 7-7-47;----; Mass.	12 daughters	15	9,079	4.6	418
Sire, 252899; dam, 457751.	12 dams	35	7,951	4.6	366
Owner, Indiana A. B. A., Ind.	Difference	(9-7-10)	+1,128	.0	+52
LANGWATER PHADOR 237504	6 daughters	9	7,139	4.8	341
Born, 3-30-36; proved, 7-28-47;----; Ga.	5 daughters	8	7,147	4.8	343
Sire, 98719; dam, 304315.	5 dams	8	9,611	5.0	477
Herd Owner, The Trion Company, Trion.	Difference	(0-2-0)	-2,464	-.2	-134
LOCKSHORE PROSPECT 249501	8 daughters	20	7,196	4.7	336
Born, 12-20-36; proved, 7-28-47;----; Mich.	7 daughters	17	7,316	4.7	341
Sire, 230511; dam, 459232.	7 dams	10	6,988	5.0	350
Herd Owner, Earl Longfield, Ionia.	Difference	(3-2-2)	+328	-.3	- 9
LOCUST LANE VALOR'S FASHION 263376	6 daughters	9	6,669	5.3	350
Born, 4-22-38; proved, 7-28-47;----; Pa.	5 daughters	8	7,068	5.3	372
Sire, 214206; dam, 485348.	5 dams	15	7,419	5.0	374
Herd Owner, Glen Dunlap, Beech Creek.	Difference	(2-4-2)	-351	+.3	- 2
LONG VIEW HIAWATHA 243476	8 daughters	11	6,556	5.0	330
Born, 6-24-36; proved, 7-17-47;----; Wis.	8 dams	45	6,789	5.3	361
Sire, 222211; dam, 409128.	Difference	(4-3-3)	-233	-.3	-31
Owner, Badger Co-op. A. B. A.					
LUXERIN ORPHEUS 233908 *7	19 daughters	37	7,284	5.1	374
Born, 9-5-34; proved, 7-17-47;----; Wis.	13 daughters	23	7,514	5.1	386
Sire, 209211; dam, 365627.	13 dams	32	5,845	4.8	281
Owner, East Central Co-op. A. B. A.	Difference	(11-11-10)	+1,669	+.3	+105
LUXERIN SPOKESMAN 267236	8 daughters	9	6,748	4.6	313
Born, 7-17-38; proved, 7-28-47;----; Wis.	7 daughters	8	6,732	4.6	308
Sire, 209211; dam, 225601.	7 dams	22	6,689	4.5	300
Herd Owner, Clarence Seehaver & Searle, Ripon.	Difference	(3-5-3)	+ 43	+.1	+ 8
MASTERPIECE JULIUS 262488	6 daughters	9	7,690	5.0	386
Born, 2-4-38; proved, 7-15-47; dead; N. Y.	5 daughters	8	7,977	5.0	397
Sire, 207508; dam, 434022.	5 dams	11	8,467	5.1	431
Herd Owner, A. J. McNab, Pine Plains.	Difference	(1-3-1)	-490	-.1	-34
MAY VALOR'S EMANCIPATOR 276386	11 daughters	22	8,538	5.0	430
Born, 2-12-39; proved, 7-14-47;----; Md.	5 daughters	10	8,823	5.1	446
Sire, 237014; dam, 375876.	5 dams	11	8,644	5.0	431
Herd Owner, Mrs. John H. Chambers, Centerville.	Difference	(3-4-3)	+179	+.1	+15
MAYWICK FASHION 267200 *(Aug. 1946)	11 daughters	21	7,985	5.1	405
Born, 9-29-38; proved, 7-18-47;----; Pa.	8 daughters	15	7,990	5.1	404
Sire, 217857; dam, 259951.	8 dams	19	7,582	5.4	407
Owner, First Pennsylvania Co-op. A. B. A.	Difference	(5-1-5)	+408	-.3	- 3
MCDONALD FARMS BEAU BRUMMEL 249620	5 daughters	7	7,513	5.0	377
Born, 3-10-36; proved, 7-14-47;----; Wis.	5 dams	15	6,908	5.2	358
Sire, 212227; dam, 389686.	Difference	(2-1-2)	+605	-.2	+19
Owner, University of Wisconsin, Madison (A. B. A.).					
MEADOW BROOK'S GENISTA'S BOY 223997	17 daughters	32	7,209	4.6	334
Born, 10-22-34; proved, 7-14-47;----; Pa.	15 daughters	27	7,320	4.6	337
Sire, 112848; dam, 258300.	15 dams	52	6,253	4.8	299
Herd Owner, Melvin S. Stewart & Son, Parkers Landing.	Difference	(12-5-12)	+1,067	-.2	+38
MEADOW-GOLD FORESTER 215632	9 daughters	13	7,646	4.4	333
Born, 11-4-33; proved, 7-23-47;----; Mich.	5 daughters	7	7,808	4.2	330
Sire, 189819; dam, 330890.	5 dams	7	7,854	4.2	329
Herd Owner, N. E. Glassbrook, Lansing.	Difference	(2-2-3)	- 46	.0	+ 1
MEADOW-GOLD NOBLEMAN 224915 *9	28 daughters	44	7,278	5.2	378
Born, 1-16-35; proved, 7-21-47;----; Mich.	23 daughters	39	7,249	5.2	378
Sire, 189819; dam, 337228.	23 dams	69	7,968	4.7	378
Owner, Trempealeau Co. Co-op. A. B. A., Wis.	Difference	(7-21-12)	-719	+.5	0
MOBJACK VAGABOND 273046	8 daughters	10	6,909	4.6	317
Born, 10-27-38; proved, 7-28-47;----; Va.	7 daughters	8	6,743	4.6	308
Sire, 231275; dam, 396680.	7 dams	21	7,271	5.0	362
Herd Owner, Mobjack Farm, Mathews.	Difference	(4-1-3)	-528	-.4	-54
MONARCH'S CHALLENGER 245978	10 daughters	13	9,798	5.1	498
Born, 2-6-36; proved, 7-22-47;----; Wis.	8 daughters	11	9,476	5.2	496
Sire, 152102; dam, 407945.	8 dams	17	8,547	5.4	464
Owner, American Scientific Breeding Institute, Madison (A.B.A.)	Difference	(6-4-5)	+929	-.2	+32

GUERNSEY SIRES	Animals (number)	Records averaged number	Milk (pounds)	Test (percent)	Fat (pounds)
MONIE'S MAESTRO OF ELMWOOD 298570----------	12 daughters--	13	7,908	5.0	399
Born, 12-19-40; proved, 7-18-47;----; N. Y.	11 daughters--	11	8,070	5.0	403
Sire, 279696; dam, 251227.	11 dams-------	37	8,250	4.8	400
Owner, Seneca Co-op. A. B. A., Inc.	Difference----	(5-7-5)	-180	+.2	+ 3
NORTHERN CHAMP OF CORNER HILL 253197----------	9 daughters---	15	6,750	5.1	341
Born, 11-19-36; proved, 7-11-47;----; Wis.	5 daughters---	8	6,279	4.9	307
Sire, 223847; dam, 439682.	5 dams--------	17	7,020	4.4	308
Herd Owner, Urban Brunner, Manitowoc.	Difference----	(1-4-2)	-741	+.5	- 1
ORPHA'S ELM GROVE OF MAUD 269472----------	14 daughters--	28	5,846	4.8	281
Born, 7-22-37; proved, 7-8-47;----; Wis.	10 daughters--	24	6,125	4.9	299
Sire, 92429; dam, 425725.	10 dams-------	45	7,731	4.8	374
Herd Owner, Roland Samz, Mishicot.	Difference----	(0-4-2)	-1,606	+.1	-75
OWEN'S PLACE MAMIE'S ADMIRAL 284706----------	7 daughters---	9	9,010	4.8	430
Born, 12-10-39; proved, 7-8-47;----; Ind.	6 daughters---	8	9,305	4.8	444
Sire, 218349; dam, 236168.	6 dams--------	16	7,290	5.1	368
Owner, Indiana A. B. A.	Difference----	(6-2-5)	+2,015	-.3	+76
PEARL'S MASTERFUL OF HILLSIDE 284793----------	11 daughters--	16	8,817	4.8	423
Born, 2-20-40; proved, 7-7-47;----; Pa.	10 daughters--	14	8,846	4.7	419
Sire, 207765; dam, 455502.	10 dams-------	35	7,754	4.6	360
Herd Owner, Walter O. Lash, West Newton.	Difference----	(8-7-9)	+1,092	+.1	+59
PEERLESS KNIGHT 266752----------	14 daughters--	23	6,784	5.4	364
Born, 11-23-38; proved, 7-22-47;----; N. J.	13 daughters--	21	6,810	5.4	365
Sire, 192437; dam, 436218.	13 dams-------	28	6,980	4.8	332
Herd Owner, Hector Lamont, Bordentown.	Difference----	(7-11-10)	-170	+.6	+33
PENSTATE LAD'S MAJOR 241470----------	12 daughters--	29	6,175	4.5	277
Born, 10-12-36; proved, 7-24-47;----; Pa.	11 daughters--	27	6,250	4.5	279
Sire, 113342; dam, 374444.	11 dams-------	37	5,791	4.9	283
Herd Owner, Dr. L. N. Cooper, Montgomeryville.	Difference----	(6-2-3)	+459	-.4	- 4
PETER OF COTTONADE 218226----------	7 daughters---	8	7,559	5.0	378
Born, 5-30-34; proved, 7-14-47;----; N. C.	5 daughters---	5	7,636	5.0	379
Sire, 116859; dam, 331203.	5 dams--------	9	8,412	4.6	389
Herd Owner, William Sutherland, Fayetteville.	Difference----	(2-4-2)	-776	+.4	-10
PINEBROOK OXFORD LAD 296836----------	9 daughters---	9	8,976	4.7	419
Born, 10-30-40; proved, 7-8-47;----; Pa.	7 daughters---	7	8,912	4.7	416
Sire, 161961; dam, 339184.	7 dams--------	28	8,067	4.8	390
Herd Owner, Silver Lake Farm, Norristown.	Difference----	(5-2-4)	+845	-.1	+26
PLEASANT VIEW'S GOLDEN KING 269177----------	6 daughters---	10	8,051	4.9	391
Born, 1-9-39; proved, 7-23-47;----; Pa.	5 daughters---	7	7,888	4.8	380
Sire, 243225; dam, 330523.	5 dams--------	15	7,583	4.7	353
Herd Owner, Levi S. Hawbaker, Chambersburg.	Difference----	(3-4-3)	+305	+.1	+27
PRINCE CHARMING OF BROOKWOOD 218795----------	8 daughters---	18	8,139	4.8	391
Born, 4-15-34; proved, 7-7-47;----; Va.	7 daughters---	17	8,458	4.9	413
Sire, 191659; dam, 56292.	7 dams--------	39	8,191	4.9	398
Herd Owner, Virginia State Farm, State Farm.	Difference----	(5-4-5)	+267	.0	+15
PRINCE OF ANNA LEW FARM 256219 *9----------	11 daughters--	28	10,312	4.7	487
Born, 1-13-37; proved, 7-15-47; alive; Ohio.	11 dams-------	60	10,038	4.9	494
Sire, 218143; dam, 362031.	Difference----	(8-3-5)	+274	-.2	- 7
Owner, Central Ohio. A. B. A.					
QUAIL ROOST KING BELL BUOY 304883----------	5 daughters---	5	8,964	5.2	470
Born, 5-4-41; proved, 7-21-47; alive; Md.	5 dams--------	23	9,386	5.2	486
Sire, 215828; dam, 403642.	Difference----	(2-3-3)	-422	.0	-16
Herd Owner, Knightongale Farm, Edgewater.					
RADISSON'S TRYAX 223617 *(Dec. 1946)----------	20 daughters--	27	7,086	5.1	362
Born, 4-10-34; proved, 7-17-47; alive; Minn.	15 daughters--	16	6,876	5.1	351
Sire, 91632; dam, 244137.	15 dams-------	25	7,637	4.9	373
Owner, Southern Minnesota A. B. A.	Difference----	(5-10-6)	-761	+.2	-22
RAEMELTON SUNNY TRIUMPH 227565 *9----------	32 daughters--	51	8,471	4.8	408
Born, 3-8-35; proved, 7-22-47;----; Ohio.	27 daughters--	45	8,608	4.9	420
Sire, 103167; dam, 359360.	27 dams-------	84	9,026	4.7	425
Owner, Northern Ohio A. B. A., Inc.	Difference----	(12-20-14)	-418	+.2	- 5
RIDGLYDALE'S FIERY ROYAL ALERT 262433----------	6 daughters---	7	8,175	5.2	428
Born, 11-25-37; proved, 7-28-47;----; Ind.	5 daughters---	6	8,515	5.1	437
Sire, 198651; dam, 335839.	5 dams--------	8	8,699	4.7	405
Herd Owner, Eagle Valley Farm, Indianapolis.	Difference----	(3-5-3)	-184	+.4	+32
SCOTTIE'S DANNY OF MARKENDALE 302940----------	6 daughters---	6	6,269	5.1	322
Born, 1-22-41; proved, 7-8-47;----; Wis.	5 daughters---	5	6,630	5.2	343
Sire, 227174; dam, 586775.	5 dams--------	27	7,387	4.9	361
Herd Owner, Calvin Barta, Two Rivers.	Difference----	(1-4-1)	-757	+.3	[illegible]

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SENTINEL BEECH OF EBENSBURG 273696	8 daughters	12	6,395	5.3	340
Born, 4-23-38; proved, 7-15-47; ----; Pa.	7 daughters	11	6,348	5.3	336
Sire, 212891; dam, 355081.	7 dams	18	7,470	5.1	381
Herd Owner, R. L. Boucher, Clymer.	Difference	(1-4-2)	-1,122	+.2	-45
SHERWOOD FOREST MODEL LUCKY 291223	12 daughters	14	9,069	5.4	490
Born, 4-20-40; proved, 7-23-47; ----; Md.	9 daughters	11	8,527	5.4	462
Sire, 201462; dam, 476249.	9 dams	39	7,223	5.1	368
Herd Owner, Lloyd Balderston III, Colora.	Difference	(8-8-8)	+1,304	+.3	+94
SHORELAND SWEETHEART 217016 *10	27 daughters	67	7,548	4.8	360
Born, 7-22-33; proved, 7-15-47; ----; Wis.	16 daughters	35	7,513	4.8	359
Sire, 171949; dam, 339936.	16 dams	42	6,839	4.8	331
Herd Owner, Henry W. Riemer & Sons, Thiensville.	Difference	(10-8-11)	+674	.0	+28
STARR FARM HANNIBAL 267661	18 daughters	47	8,188	5.1	422
Born, 3-10-38; proved, 7-23-47; ----; Md.	10 daughters	27	8,137	5.2	421
Sire, 160703; dam, 424590.	10 dams	40	7,788	5.0	387
Herd Owner, Lloyd Balderston III, Colora.	Difference	(6-6-7)	+349	+.2	+34
STARR FARM PLUTO 273551	12 daughters	17	8,120	4.5	363
Born, 10-14-37; proved, 7-11-47; ----; Mich.	9 daughters	12	8,071	4.5	367
Sire, 160703; dam, 506653.	9 dams	27	8,255	4.5	375
Herd Owner, George Fritz, Gobles.	Difference	(6-4-5)	-184	.0	- 8
SUPERB OF CHAPMAN HOMESTEAD 237356	14 daughters	26	8,728	4.7	413
Born, 3-4-36; proved, 7-11-47; dead; N. Y.	10 daughters	19	8,774	4.8	421
Sire, 219946; dam, 406982.	10 dams	23	8,152	4.7	385
Owner, New York Co-op. A. B. A., Inc.	Difference	(5-6-6)	+622	+.1	+36
SURROGATE'S SUPREME OF ADOHR 221195	8 daughters	18	7,075	5.1	362
Born, 1-11-35; proved, 7-15-47; dead; Ariz.	8 dams	37	8,391	4.8	401
Sire, 110019; dam, 345943.	Difference	(1-6-3)	-1,316	+.3	-39
Herd Owner, University of Arizona, Tucson.					
TARBELL FARMS NOBLE ENOCH 262421	11 daughters	22	7,762	5.3	408
Born, 8-2-37; proved, 7-11-47; dead; N. Y.	6 daughters	10	8,470	5.2	444
Sire, 223971; dam, 417316.	6 dams	27	8,201	5.0	406
Owner, Sullivan Co. A. B. A.	Difference	(4-4-5)	+269	+.2	+38
THORNTON OF FRAMPTON FARM 246612 *9	22 daughters	49	7,667	5.2	396
Born, 12-27-35; proved, 7-22-47; ----; Pa.	13 daughters	27	7,493	5.2	388
Sire, 125574; dam, 377237.	13 dams	54	8,054	5.0	401
Owner, Western Pennsylvania Co-op. A. B. A.	Difference	(5-10-5)	-561	+.2	-13
TIANNA'S ORLANDO 292507	7 daughters	8	7,617	4.6	354
Born, 5-23-40; proved, 7-15-47; ----; Minn.	5 daughters	6	8,147	4.6	372
Sire, 224888; dam, 492952.	5 dams	8	8,086	4.4	358
Owner, West St. Louis Co. A. B. A.	Difference	(2-4-3)	+ 61	+.2	+14
ULTRA MAY KING OF THE PINES 250925	8 daughters	15	6,388	5.1	326
Born, 2-3-37; proved, 7-17-47; dead; Minn.	8 dams	23	7,593	5.1	385
Sire, 91589; dam, 304482.	Difference	(1-5-1)	-1,205	.0	-59
Herd Owner, H. R. Brownell, Grand Meadow.					
VALLEY MEAD MARS 271626	8 daughters	8	8,672	5.1	441
Born, 11-6-38; proved, 7-15-47; ----; N. Y.	8 dams	31	8,099	5.2	419
Sire, 212080; dam, 336504.	Difference	(4-5-4)	+573	-.1	+22
Herd Owner, James Malloy & Son, Dundee.					
VERNON BUDDY 235611	6 daughters	11	5,849	5.1	297
Born, 12-23-35; proved, 7-28-47; ----; Minn.	6 dams	11	6,655	5.3	353
Sire, 201065; dam, 296369.	Difference	(1-1-1)	-806	-.2	-56
Herd Owner, Leo E. Wright, Aitkin.					
WEY ACRES GRANDEE'S SPLENDOR 293154 *(May 1946)	12 daughters	20	8,995	4.5	407
Born, 10-1-38; proved, 7-17-47; ----; Wis.	12 dams	62	8,730	4.9	427
Sire, 227277; dam, 399509.	Difference	(7-4-4)	+265	-.4	-20
Herd Owner, Herbert Clausing, Grafton.					
WILLOWCROFT ULTRA BEACON 261896	5 daughters	7	6,529	4.9	317
Born, 7-12-35; proved, 7-15-47; ----; Va.	5 dams	18	5,307	4.9	262
Sire, 136110; dam, 341886.	Difference	(5-3-5)	+1,222	.0	+55
Herd Owner, J. T. S. Hoge Estate, Pembroke.					
WINTERHAM ROYAL 228495	6 daughters	11	6,173	4.6	286
Born, 5-18-33; proved, 7-8-47; ----; Va.	5 daughters	6	6,192	4.7	289
Sire, 203018; dam, 322776.	5 dams	17	7,569	4.5	341
Herd Owner, Winterham Farms, Amelia.	Difference	(2-5-2)	-1,377	+.2	-52
WOLFPEN GRANDEE 250683	8 daughters	18	8,370	4.8	399
Born, 5-1-37; proved, 7-28-47; ----; Maine.	8 dams	34	6,777	5.5	371
Sire, 227277; dam, 396679.	Difference	(7-0-6)	+1,593	-.7	+28
Herd Owner, University of Maine, Orono.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WOODHOLM'S MOONLIGHT 266193----------	13 daughters--	21	9,060	4.9	444
Born, 4-22-38; proved, 7-18-47;----; N. Y.	12 daughters--	20	9,247	4.9	450
Sire, 239741; dam, 456885.	12 dams-------	44	10,450	4.8	498
Herd Owner, C. J. Heller & Son, Feura Bush.	Difference----	(1-7-2)	-1,203	+.1	-48
52-A3523 (DHIA EARTAG)----------	5 daughters---	9	6,019	5.0	302
Born, ----; proved, 7-15-47;----; Va.	5 dams--------	23	6,453	5.0	325
Sire, ----; dam, ----.	Difference----	(1-3-1)	-434	.0	-23
Herd Owner, Redfield Farms, Mattoax.					

HOLSTEIN SIRES

ADMIRAL BEECHWOOD BONNY BEAUTY 782124----------	11 daughters--	15	9,343	3.8	351
Born, 1-5-39; proved, 7-29-47;----; Wis.	9 daughters---	12	9,786	3.8	369
Sire, 708491; dam, 1896132.	9 dams--------	24	10,633	3.7	395
Herd Owner, John Rufener & Felix Doerfert, Woodland.	Difference----	(5-7-5)	-847	+.1	-26
ADMIRAL GOVERNOR KORNDYKE 794565----------	7 daughters---	15	12,652	3.4	435
Born, 9-15-37; proved, 7-22-47;----; Wis.	5 daughters---	11	12,573	3.5	434
Sire, 721209; dam, 1833027.	5 dams--------	16	14,178	3.7	523
Herd Owner, Arno Seider, Adell.	Difference----	(0-1-0)	-1,605	-.2	-89
ADMIRAL ORMSBY BURKE FOBES 715746----------	7 daughters---	9	9,809	3.4	333
Born, 1-2-35; proved, 7-14-47;----; Wis.	6 daughters---	7	9,688	3.4	333
Sire, 661323; dam, 1532774.	6 dams--------	9	11,210	3.5	390
Herd Owner, Joe Schneider & Son, New Franken.	Difference----	(2-3-1)	-1,522	-.1	-57
ADMIRAL ORMSBY SENSATION FOBES 845968----------	10 daughters--	15	13,330	3.6	483
Born, 8-20-40; proved, 7-18-47;----; Pa.	10 dams-------	39	12,590	3.6	453
Sire, 671272; dam, 1070197.	Difference----	(8-7-7)	+740	.0	+30
Owner, Nepa Co-op. A. B. A.					
ALBUS FARM EMPEROR BESSIE 772298----------	7 daughters---	12	9,097	3.4	312
Born, 12-22-38; proved, 7-18-47;----; Pa.	6 daughters---	10	8,687	3.5	302
Sire, 727548; dam, 1704591.	6 dams--------	18	7,449	3.5	264
Herd Owner, Harold B. Hoye, New Castle.	Difference----	(5-2-4)	+1,238	.0	+38
ALVERNO CRUSADER FOBES BESS 813204----------	8 daughters---	8	14,088	3.2	455
Born, 9-16-40; proved, 7-9-47;----; Wis.	8 dams--------	27	10,048	3.6	357
Sire, 784503; dam, 1751345.	Difference----	(8-2-8)	+4,040	-.4	+98
Herd Owner, Schroeder Dairy, West Bend.					
ARTIS DENVER KING 768464----------	11 daughters--	12	13,665	3.5	481
Born, 12-4-38; proved, 7-17-47;----; N. Y.	7 daughters---	8	14,304	3.6	512
Sire, 748776; dam, 1901898.	7 dams--------	14	13,039	3.4	442
Herd Owner, John H. Coulter, Canastota.	Difference----	(4-6-6)	+1,265	+.2	+70
BELLEVUE BLACK BABY BONHEUR 780680----------	9 daughters---	17	11,426	3.7	419
Born, 3-18-39; proved, 7-18-47;----; Wis.	8 daughters---	15	11,396	3.7	419
Sire, 723557; dam, 1775148.	8 dams--------	46	9,511	3.6	346
Herd Owner, Mount Pleasant Farm, Sturtevant.	Difference----	(7-5-6)	+1,885	+.1	+73
BELL FARM BURKE SIR PIEBE 781607 *(Feb. 1946)----------	10 daughters--	21	10,989	3.9	431
Born, 12-27-38; proved, 7-16-47;----; Pa.	10 dams-------	36	11,037	3.7	406
Sire, 693749; dam, 1590242.	Difference----	(5-8-7)	- 48	+.2	+25
Owner, First Pennsylvania Co-op. A. B. A.					
BELL FARM HOMESTEAD SIR WALKER 770943----------	8 daughters---	10	12,156	3.4	416
Born, 1-5-39; proved, 7-16-47;----; Pa.	6 daughters---	7	12,264	3.4	415
Sire, 671568; dam, 1677638.	6 dams--------	11	11,796	3.1	369
Herd Owner, John Balicki, Marwood.	Difference----	(3-5-6)	+468	+.3	+46
BESSLYN SIR JOHN ORMSBY FOBES (TWIN) 790361----------	6 daughters---	9	12,193	3.6	442
Born, 8-29-39; proved, 7-30-47;----; Wis.	6 dams--------	17	11,674	3.6	424
Sire, 711381; dam, 1583438.	Difference----	(3-3-3)	+519	.0	+18
Herd Owner, Melvin Wiehert, Watertown.					
BITTERSWEET DON NEBO ORMSBY 769075----------	7 daughters---	19	12,868	3.6	469
Born,4-15-38; proved, 7-16-47;----; N. Y.	5 daughters---	15	13,213	3.7	491
Sire, 709488; dam, 1814579.	5 dams--------	11	13,392	3.4	461
Herd Owner, Louis D. Roberts, Cazenovia.	Difference----	(3-5-3)	-179	+.3	+30
BOILING SPRINGS FORUM BECKY 772189 *(Nov. 1946)----------	17 daughters--	24	12,199	3.9	473
Born, 7-18-38; proved, 7-11-47;----; Pa.	17 dams-------	74	12,869	3.5	456
Sire, 728853; dam, 1823525.	Difference----	(7-14-10)	-670	+.4	+17
Owner, Southeastern Pennsylvania Co-op. A. B. A.					
BURKE FOBES ABBEKERK 833599 *(Mar. 1946)----------	9 daughters---	12	16,160	3.5	566
Born, 11-17-40; proved, 7-11-47;----; Pa.	9 dams--------	23	11,988	3.4	406
Sire, 761977; dam, 2003121.	Difference----	(8-8-8)	+4,172	+.1	+160
Owner, Nepa Co-op. A. B. A.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BURKE LYONS ORMSBY LAD 720095	8 daughters	9	8,972	3.6	326
Born, 1-8-36; proved, 7-8-47; ----; Ill.	6 daughters	6	8,642	3.6	313
Sire, 643101; dam, 1638105.	6 dams	22	9,064	3.5	318
Herd Owner, C. H. Bingham, Dundee.	Difference	(2-5-3)	-422	+.1	- 5
CARNATION MAXIMUM MODEL 781852	14 daughters	21	10,331	3.6	372
Born, 1-14-39; proved, 7-29-47; ----; La.	14 dams	65	9,437	3.5	333
Sire, 737511; dam, 1909675.	Difference	(10-11 - 8)	+894	+.1	+39
Herd Owner, Louisiana Polytechnic Institute, Ruston.					
CARNATION ORMSBY BRACELET 682048 *9	58 daughters	94	11,225	3.5	390
Born, 8-29-33; proved, 7-22-47; ----; Wis.	48 daughters	82	11,351	3.5	394
Sire, 396511; dam, 1326302.	48 dams	178	10,089	3.5	356
Owner, Trempealeau Co. Co-op. A. B. A.	Difference	(31-24-30)	+1,262	.0	+38
CENTRE ONA DE KOL 730487	10 daughters	11	12,010	3.4	411
Born, 1-18-36; proved, 7-15-47; ----; Pa.	10 dams	41	12,150	3.2	393
Sire, 569903; dam, 1324135.	Difference	(5-8-6)	-140	+.2	+18
Herd Owner, Ward C. Krape, Bellefonte.					
CHIEF GRAHAMHOLM PAULINE SEGIS 719521 *8	39 daughters	84	8,952	3.5	310
Born, 3-14-35; proved, 7-21-47; ----; Va.	39 dams	143	8,549	3.5	302
Sire, 517106; dam, 1063038.	Difference	(23-21-21)	+403	.0	+ 8
Herd Owner, A. H. Henderson, Troutville.					
CHIEF PIEBE NINE-O-FIVE GERB COLA W S 820752	20 daughters	20	10,468	3.6	375
Born, 11-30-40; proved, 7-25-47; alive; N. Y.	15 daughters	15	10,715	3.6	381
Sire, 444088; dam, 1641655.	15 dams	33	11,121	3.5	387
Owner, New York Co-op. A. B. A., Inc.	Difference	(4-10-7)	-406	+.1	- 6
CHIEF PIEBE PRIDE GERB-COLAN 826710	6 daughters	7	12,480	3.5	443
Born, 1-26-41; proved, 7-16-47; alive; N. Y.	5 daughters	6	11,911	3.5	421
Sire, 444088; dam, 1493661.	5 dams	15	12,383	3.4	422
Owner, New York Co-op. A. B. A., Inc.	Difference	(2-3-3)	-472	+.1	- 1
CHIEF PIEBE PRIDE GERBEN COLAN J 811970	9 daughters	11	9,845	3.6	358
Born, 6-25-40; proved, 7-14-47; ----; Md.	7 daughters	8	9,245	3.6	332
Sire, 444088; dam, 1459559.	7 dams	11	13,382	3.3	437
Herd Owner, C. Lease & Frances L. Bussard, Frederick.	Difference	(1-6-1)	-4,137	+.3	-105
CHIEF PIEBE TRI-GERB DI-COLAN PRIDE 799845	9 daughters	10	9,546	3.8	365
Born, 10-2-39; proved, 7-16-47; alive; Pa.	8 daughters	9	9,952	3.8	379
Sire, 444088; dam, 1903717.	8 dams	19	11,344	3.5	394
Owner, Southeastern Pennsylvania A. B. A.	Difference	(4-8-4)	-1,392	+.3	-15
CHIEFTAIN PIETJE OF VALLEY VIEW 739470	6 daughters	10	12,838	3.6	460
Born, 3-27-37; proved, 7-14-47; ----; Vt.	5 daughters	7	13,129	3.5	464
Sire, 721278; dam, 1498722.	5 dams	36	12,298	3.8	463
Herd Owner, John B. C. Tyler & Sons, West Newbury.	Difference	(3-0-3)	+831	-.3	+ 1
CHLADEK THANATOS HOMESTEAD ORMSBY (TWIN) 739980 *9	23 daughters	31	9,662	3.5	341
Born, 10-12-36; proved, 7-29-47; ----; Minn.	17 daughters	19	10,083	3.5	355
Sire, 712658; dam, 1268473.	17 dams	42	10,458	3.4	359
Owner, Minnesota Valley A. B. A.	Difference	(4-11-5)	-375	+.1	- 4
CLOVER LAWN CASCADER HOMESTEAD 713939	10 daughters	24	9,738	3.7	362
Born, 12-2-34; proved, 7-15-47; ----; Wis.	5 daughters	13	9,247	3.8	348
Sire, 665172; dam, 1657968.	5 dams	7	11,845	3.4	400
Herd Owner, S. B. Jones & Sons Co., Watertown.	Difference	(1-4-1)	-2,598	+.4	-52
COLONY VALE ABBEKERK SIR HEILO 807399	14 daughters	15	11,505	3.4	388
Born, 3-21-40; proved, 7-14-47; ----; Wis.	14 dams	50	12,518	3.5	439
Sire, 467933; dam, 265674 CHB.	Difference	(6-6-4)	-1,013	-.1	-51
Owner, University of Wisconsin, Madison (A. B. A.).					
CORNELL PEER ESTEEM 777158	6 daughters	12	8,948	3.9	347
Born, 2-14-39; proved, 7-21-47; ----; N. Y.	6 dams	19	10,963	3.5	385
Sire, 741914; dam, 1772337.	Difference	(0-6-2)	-2,015	+.4	-38
Herd Owner, David C. Doane & Son, Candor.					
CORRECTION JUDGE BEETS 801833	8 daughters	10	8,961	3.7	331
Born, 7-12-39; proved, 7-29-47; ----; Wis.	8 dams	26	9,909	3.6	353
Sire, 760302; dam, 953190.	Difference	(4-6-3)	-948	+.1	-22
Herd Owner, John Hesprich, Lomira.					
CORRECTION KING CONTROLLER 777822	10 daughters	16	9,803	3.8	377
Born, 1-6-39; proved, 7-21-47; ----; Wis.	10 dams	53	10,003	3.4	343
Sire, 745700; dam, 1724974.	Difference	(3-9-9)	-200	+.4	+34
Herd Owner, E. J. Gengler, Milwaukee.					
DAUNTLESS CRETE GOLD WALKER 817620	8 daughters	8	9,809	3.8	368
Born, 12-25-40; proved, 7-25-47; ----; Maine.	7 daughters	7	9,224	3.8	348
Sire, 668530; dam, 1843584.	7 dams	20	12,393	3.6	450
Herd Owner, University of Maine, Orono.	Difference	(0-6-1)	-3,169	+.2	-102

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DENTON OF ROUND OAK 780726----------	8 daughters---	11	10,596	3.9	414
Born, 2-22-39; proved, 7-29-47;----; Va.	8 dams--------	35	10,043	3.9	389
Sire, 660976; dam, 1623982.	Difference----	(5-5-4)	+553	.0	+25
Herd Owner, Overbrook Farms, Round Hill.					
DOWLING PRINCE PAT FOBES (TWIN) 760661----------	7 daughters---	7	11,844	3.7	439
Born, 5-25-38; proved, 7-14-47;----; Mich.	5 daughters---	5	12,042	3.7	445
Sire, 693553; dam, 1114601.	5 dams--------	9	11,927	3.5	417
Herd Owner, Earl Strickland & Sons, Battle Creek.	Difference----	(4-4-4)	+115	+.2	+28
DUKE LAWRENCE CALAMITY 772686 *(Dec. 1946)----------	15 daughters--	24	10,300	3.8	390
Born, 12-30-38; proved, 7-11-47; dead; Pa.	14 daughters--	21	10,191	3.8	388
Sire, 107614 CHB.; dam, 2000947.	14 dams-------	67	11,540	3.4	397
Herd Owner, Clarence M. Cornman, Mechanicsburg.	Difference----	(4-12-5)	-1,349	+.4	- 9
DUKE WILSON POSCH 747241 *(Jan. 1947)----------	23 daughters--	30	11,993	3.5	417
Born, 2-19-37; proved, 7-17-47; dead; N. Y.	14 daughters--	17	11,727	3.4	402
Sire, 661108; dam, 1625666.	14 dams-------	36	11,218	3.5	394
Owner, Broome-Tioga A. B. A.	Difference----	(7-7-7)	+509	-.1	+ 8
DUNLOGGIN AXEMASTER 829219----------	10 daughters--	10	11,611	3.5	408
Born, 7-22-41; proved, 7-16-47;----; Md.	10 dams-------	26	11,520	3.4	393
Sire, 667915; dam, 1785675.	Difference----	(4-8-6)	+ 91	+.1	+15
Herd Owner, W. I. King, Gaithersburg.					
DUNLOGGIN DELLA AGAIN 746337 *(Sept. 1946)----------	31 daughters--	61	10,867	3.6	389
Born, 9-17-37; proved, 7-21-47; dead; Pa.	29 daughters--	57	10,821	3.6	387
Sire, 640078; dam, 1620341.	29 dams-------	101	10,363	3.5	363
Owner, Western Pennsylvania A. B. A.	Difference----	(16-20-18)	+458	+.1	+24
DUNLOGGIN GYPSIE OLIVER 780042----------	22 daughters--	41	12,664	3.5	439
Born, 5-18-39; proved, 7-16-47; dead; N. Y.	16 daughters--	32	12,854	3.4	442
Sire, 723898; dam, 1713760.	16 dams-------	36	12,378	3.5	435
Owner, New York Co-op. A. B. A., Inc.	Difference----	(10-7-9)	+476	-.1	+ 7
DUNN COUNTY FAYNE FOBES 780744----------	10 daughters--	14	10,864	3.6	395
Born, 12-26-38; proved, 7-18-47;----; Wis.	8 daughters---	12	10,858	3.6	388
Sire, 695646;dam, 1816198.	8 dams--------	16	9,822	3.8	373
Herd Owner, Frank D. Selden, Reedsburg.	Difference----	(6-3-5)	+1,036	-.2	+15
EDWARNOS GLORIOUS KING 811904----------	11 daughters--	11	10,367	3.3	339
Born, 9-9-40; proved, 7-22-47;----; W. Va.	8 daughters---	8	10,534	3.3	347
Sire, 758396; dam, 1979037.	8 dams--------	13	9,751	3.2	315
Herd Owner, Greenbrier Military School Dairy, Lewisburg.	Difference----	(5-5-5)	+783	+.1	+32
ELLBANK ORMSBY SENSATION PRINCE 780723----------	13 daughters--	20	11,445	3.4	390
Born, 3-4-38; proved, 7-21-47;----; N. Y.	11 daughters--	16	11,590	3.4	396
Sire, 680919; dam, 1673806.	11 dams-------	43	13,216	3.4	455
Herd Owner, J. Sloat Welles & Son, Elmira.	Difference----	(2-5-4)	-1,626	.0	-59
ELM BROOK ORMSBY TRITOMIA KORNDYKE 753550 *(Feb. 1946)----------	23 daughters--	32	12,780	3.5	443
Born, 2-6-38; proved, 7-17-47;----; Pa.	20 daughters--	25	12,846	3.5	446
Sire, 639171; dam, 1906778.	20 dams-------	64	12,169	3.5	430
Owner, Nepa Co-op. A. B. A.	Difference----	(14-12-13)	+677	.0	+16
FANYAN RAG APPLE PRIDE 808982----------	16 daughters--	17	14,183	3.4	480
Born, 9-12-40; proved, 7-14-47; dead; N. Y.	15 daughters--	16	14,325	3.4	485
Sire, 777799; dam, 2049187.	15 dams-------	35	13,473	3.4	453
Herd Owner, County Home Farm, Syracuse.	Difference----	(10-8-8)	+852	.0	+32
FOBES CASCADER 811511----------	8 daughters---	17	10,172	3.5	356
Born, 12-17-38; proved, 7-14-47;----; Wis.	7 daughters---	14	9,937	3.5	352
Sire, 673460; dam, 1823732.	7 dams--------	19	11,264	3.6	410
Herd Owner, Duane Hoffman, Black River Falls.	Difference----	(2-2-1)	-1,327	-.1	-58
GARDNER FARM ROSA FOBES INKA 742449 *8----------	14 daughters--	29	11,894	3.5	415
Born, 9-3-36; proved, 7-18-47; dead; Ill.	13 daughters--	26	11,972	3.5	416
Sire, 694755; dam, 1411852.	13 dams-------	34	11,128	3.4	383
Herd Owner, E. R. Selk & Son, Grant Park.	Difference----	(7-10-8)	+844	+.1	+33
GREENWALD COLANTHA COUNT 777560----------	9 daughters---	11	10,764	3.5	374
Born, 5-24-39; proved, 7-25-47;----; Pa.	9 dams--------	38	11,332	3.5	402
Sire, 681114; dam, 1551909.	Difference----	(3-5-4)	-568	.0	-28
Herd Owner, Bernard Bauer, Emporium.					
GREENWOOD HONOR 779840----------	7 daughters---	8	11,042	3.6	394
Born, 4-7-39; proved, 7-7-47; alive; Pa.	7 dams--------	21	13,260	3.5	458
Sire, 713668; dam, 1429465.	Difference----	(2-5-2)	-2,218	+.1	-64
Herd Owner, J. W. Seiber & Son, McAlisterville.					
GREYROCK KING ORMSBY PIONEER 711374----------	12 daughters--	20	11,094	3.7	409
Born, 9-8-35; proved, 7-15-47;----; N. Y.	5 daughters---	9	10,568	3.6	385
Sire, 562634; dam, 1364276.	5 dams--------	8	11,778	3.6	426
Herd Owner, Glen I. Lyman, Munnsville.	Difference----	(1-3-2)	-1,210	.0	-41

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
HARTSBROOK KING JEMIMA ORMSBY 780456----------	9 daughters---	9	12,618	3.6	452
Born, 12-2-38; proved, 7-18-47;----; N. J.	6 daughters---	6	13,240	3.6	470
Sire, 579109; dam, 1796050.	6 dams--------	11	11,489	3.7	420
Owner, New Jersey Experiment Station, Sussex (A. B. A.).	Difference----	(3-2-2)	+1,751	-.1	+50
HAYS CHOICE 784932 *(Sept. 1946)----------	26 daughters--	40	9,467	3.3	310
Born, 1-2-39; proved, 7-22-47;----; Wis.	26 dams-------	100	10,509	3.4	359
Sire, 71786 CHB.; dam, 238348 CHB.	Difference----	(8-12-6)	-1,042	-.1	-49
Owner, Trempealeau Co. Co-op. A. B. A.					
HAYS POLAR STAR (TWIN) 809067----------	14 daughters--	18	12,985	3.8	493
Born, 12-21-38; proved, 7-9-47;----; Wis.	13 daughters--	16	12,900	3.8	489
Sire, 99738 CHB.; dam, 200829 CHB.	13 dams-------	41	13,702	3.5	478
Herd Owner, William Miller, Watertown.	Difference----	(3-10-8)	-802	+.3	+11
HENGERVELD DESIGN 845699----------	5 daughters---	5	12,334	3.6	443
Born, 11-14-41; proved, 7-11-47;----; Pa.	5 dams--------	27	14,674	3.8	554
Sire, 784778; dam, 1908636.	Difference----	(1-1-1)	-2,340	-.2	-111
Owner, Nepa Co-op. A. B. A.					
HENGERVELD KORNDYKE FOBES PIETJE 791734 *(Sept. 1946)----------	13 daughters--	22	10,480	3.8	400
Born, 4-1-39; proved, 7-9-47; dead; Pa.	11 daughters--	20	10,388	3.8	398
Sire, 716227; dam, 1854831.	11 dams-------	59	11,310	3.6	409
Owner, Southeastern Pennsylvania Co-op. A. B. A.	Difference----	(5-9-6)	-922	+.2	-11
HILLSBORO CHIEF ALICE 782794 *(Aug. 1946)----------	20 daughters--	31	12,433	3.6	446
Born, 11-27-38; proved, 7-8-47; alive; N. J.	17 daughters--	27	12,618	3.6	452
Sire, 748439; dam, 1834891.	17 dams-------	40	10,818	3.6	388
Owner, Plainsboro A. B. A.	Difference----	(12-10-14)	+1,800	.0	+64
HILLVIEW IDEAL DICK 781712----------	10 daughters--	13	11,298	3.3	374
Born, 10-17-38; proved, 7-23-47;----; N. Y.	9 daughters---	12	11,043	3.3	366
Sire, 710205; dam, 1994399.	9 dams--------	22	12,887	3.4	443
Herd Owner, Marshall F. Warriner & Son, Greenwood.	Difference----	(3-4-0)	-1,844	-.1	-77
HOESLY CASCADE JOE HOMESTEAD 9TH 830085----------	6 daughters---	6	12,085	3.7	446
Born, 3-12-41; proved, 7-22-47; alive; Wis.	5 daughters---	5	11,968	3.7	445
Sire, 723295; dam, 1946015.	5 dams--------	11	11,356	3.4	391
Owner, Douglas Co-op. A. B. A., Nebr.	Difference----	(3-4-5)	+612	+.3	+54
HOESLY HOMESTEAD CASCADE 780674 *10----------	11 daughters--	18	10,678	3.6	384
Born, 9-22-38; proved, 7-11-47;----; Wis.	11 dams-------	44	10,615	3.5	369
Sire, 723295; dam, 1941760.	Difference----	(8-8-8)	+ 63	+.1	+15
Owner, Badger Co-op. A. B. A.					
HOESLY PRIDE 748385 *(Apr. 1946)----------	29 daughters--	47	11,164	3.5	394
Born, 12-14-36; proved, 7-23-47;----; Wis.	27 daughters--	43	11,136	3.5	394
Sire, 651568; dam, 1565202.	27 dams-------	84	10,922	3.4	377
Owner, Badger Co-op. A. B. A.	Difference----	(15-19-15)	+214	+.1	+17
HOMESTEAD PRINCE INKA SEGIS 715109----------	8 daughters---	12	12,034	3.4	412
Born, 1-22-35; proved, 7-15-47;----; Wis.	5 daughters---	8	12,290	3.5	433
Sire, 677605; dam, 1712630.	5 dams--------	16	10,472	3.4	354
Herd Owner, Louis Trapp & Son, Columbus.	Difference----	(4-4-5)	+1,818	+.1	+79
INKA LINDALE BOON 774942----------	9 daughters---	14	7,625	3.4	256
Born, 11-17-38; proved, 7-18-47;----; Pa.	6 daughters---	10	7,784	3.4	261
Sire, 744541; dam, 1765252.	6 dams--------	14	9,215	3.2	296
Herd Owner, Robert Blackman, Wattsburg.	Difference----	(2-4-2)	-1,431	+.2	-35
INKARN PONTIAC MATADOR 788075----------	7 daughters---	12	12,816	3.6	458
Born, 5-28-38; proved, 7-18-47;----; N. Y.	5 daughters---	8	13,789	3.5	489
Sire, 628403; dam, 1016276.	5 dams--------	22	11,904	3.4	409
Herd Owner, William J. Clough & Son, Salem.	Difference----	(4-4-4)	+1,885	+.1	+80
JOE BELLE TRIUNE SUPREME 780742----------	9 daughters---	17	13,703	3.6	493
Born, 7-2-37; proved, 7-23-47;----; Calif.	9 dams--------	26	11,901	3.6	430
Sire, 646068; dam, 1547647.	Difference----	(7-6-7)	+1,802	.0	+63
Herd Owner, A. C. Pollard, Turlock.					
JONABELL ROBROY [illegible]----------	6 daughters---	12	9,047	3.4	305
Born, 11-9-38; proved, 7-18-47;----; Pa.	6 dams--------	13	10,385	3.2	332
Sire, 720861; dam, 1855082.	Difference----	(1-5-2)	-1,338	+.2	-27
Herd Owner, Robert M. Morgan & Sons, Bridgeville.					
KARIOLE [illegible]----------	9 daughters---	17	10,581	3.5	374
Born, 9-24-35; proved, 7-15-47;----; Wis.	7 daughters---	13	10,316	3.6	368
Sire, 593146; dam, 1104781.	7 dams--------	13	10,268	3.7	379
Herd Owner, Kenneth G. Smith, Brooklyn.	Difference----	(4-3-3)	+48	-.1	-11
KING OF MOONLIT DALE 787489 *10----------	9 daughters---	12	12,874	3.4	436
Born, 12-16-38; proved, 7-9-47;----; Wis.	9 dams--------	23	11,731	3.5	409
Sire, 710796; dam, 1684629.	Difference----	(6-4-5)	+1,143	-.1	+27
Owner, Vernon Co-op. A. B. A.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KING VALE INKA MAY HENGERVELD 717785	10 daughters	13	11,698	3.4	397
Born, 4-6-35; proved, 7-15-47;----; Wis.	7 daughters	8	11,603	3.5	401
Sire, 620066; dam, 1438148.	7 dams	14	10,985	3.3	361
Owner, Badger Co-op. A. B. A.	Difference	(5-6-5)	+618	+.2	+40
LAUXMONT ADMIRAL LUCIFER 769170 *10	19 daughters	30	12,601	3.8	481
Born, 9-17-38; proved, 7-25-47; alive; Pa.	19 dams	87	11,651	3.6	417
Sire, 696612; dam, 1820953.	Difference	(11-16-13)	+950	+.2	+64
Owner, Southeastern Pennsylvania Co-op. A. B. A.					
LAUXMONT ADMIRAL SAMSON 769160	18 daughters	33	11,951	3.8	456
Born, 6-3-38; proved, 7-18-47;----; Pa.	10 daughters	19	12,560	3.7	464
Sire, 696612; dam, 1791073.	10 dams	40	11,710	3.4	403
Herd Owner, Alvan H. Brechbill, Chambersburg.	Difference	(7-9-9)	+850	+.3	+61
LAUXMONT KINGS LUCKY STRIKE 749064 *9	28 daughters	45	11,120	3.5	388
Born, 7-24-37; proved, 7-17-47;----; Wis.	27 daughters	43	11,115	3.5	388
Sire, 603795; dam, 1506723.	27 dams	114	11,118	3.6	399
Owner, East Central Co-op. A. B. A.	Difference	(14-12-10)	- 3	-.1	-11
LAUXMONT O JOBY 834607	5 daughters	5	11,594	3.8	437
Born, 10-21-41; proved, 7-11-47;----; Pa.	5 dams	16	10,164	3.5	353
Sire, 787409; dam, 1940147.	Difference	(4-5-5)	+1,430	+.3	+84
Owner, Lehigh Valley Co-op. A. B. A.					
LAUXMONT RAG APPLE AUTOCRAT (TWIN) 741318 *11	31 daughters	53	12,728	3.9	492
Born, 11-28-36; proved, 7-21-47;----; Pa.	26 daughters	40	12,800	3.9	494
Sire, 695000; dam, 1489257.	26 dams	80	10,728	3.5	380
Owner, First Pennsylvania Co-op. A. B. A.	Difference	(21-23-24)	+2,072	+.4	+114
LENTH BESSIE FRYSLAN 772743	9 daughters	14	9,055	3.6	329
Born, 1-30-39; proved, 7-17-47;----; Iowa.	9 dams	42	9,436	3.5	328
Sire, 708578; dam, 1799638.	Difference	(3-8-5)	-381	+.1	+ 1
Herd Owner, Edward Boysen, Dike.					
LINCOLN KING BESSIE BONHEUR 774335	5 daughters	6	8,854	3.6	317
Born, 4-12-39; proved, 7-14-47;----; N. Y.	5 dams	19	7,891	3.5	277
Sire, 695524; dam, 1531872.	Difference	(4-3-3)	+963	+.1	+40
Herd Owner, Niagara University, Niagara University.					
MEIERKORD TRIUNE SIR FANCY 781632	8 daughters	14	10,240	3.6	365
Born, 10-28-38; proved, 7-23-47;----; Kans.	8 dams	22	10,678	3.3	351
Sire, 748162; dam, 1933607.	Difference	(3-5-6)	-438	+.3	+14
Herd Owner, Young Brothers, Haddam.					
M M KING MYSTIC PET 723782	9 daughters	11	12,897	3.5	447
Born, 12-5-35; proved, 7-8-47;----; Ill.	6 daughters	8	13,495	3.5	468
Sire, 516202; dam, 1336493.	6 dams	8	11,064	3.4	380
Herd Owner, H. L. Kapple, Crystal Lake.	Difference	(5-3-5)	+2,431	+.1	+88
NEWMONT DIRECT SENSATION 774576	9 daughters	17	13,088	3.5	462
Born, 9-3-38; proved, 7-29-47;----; N. Y.	8 daughters	15	13,099	3.6	470
Sire, 656434; dam, 1513742.	8 dams	30	10,530	3.6	383
Herd Owner, Ransom Nichols, Fort Edward.	Difference	(8-4-6)	+2,569	.0	+87
NEWMONT PERFECTION LAD 792252	5 daughters	9	10,470	3.6	379
Born, 11-2-39; proved, 7-14-47;----; Vt.	5 dams	14	10,691	3.4	362
Sire, 709271; dam, 1861129.	Difference	(2-3-3)	-221	+.2	+17
Herd Owner, Bailey Farm, Montpelier.					
OOSTIE HOESLY HOMESTEAD 756640 *(Apr. 1946)	39 daughters	64	11,132	3.4	375
Born, 12-1-36; proved, 7-16-47;----; Wis.	28 daughters	44	11,711	3.4	396
Sire, 651568; dam, 1565196.	28 dams	94	10,652	3.4	361
Owner, Badger Co-op. A. B. A.	Difference	(17-16-18)	+1,059	.0	+35
ORMSBY COLANTHUS KING MERCEDES 784851	10 daughters	22	9,962	3.6	360
Born, 5-23-38; proved, 7-29-47;----; N.Y.	9 daughters	19	9,604	3.6	348
Sire, 763785; dam, 1863640.	9 dams	44	9,588	3.7	353
Herd Owner, C. M. Hardenbergh, Stone Ridge.	Difference	(4-5-5)	+16	-.1	- 5
ORMSBY KORNDYKE INKA 783763	6 daughters	6	9,159	3.4	311
Born, 11-18-38; proved, 7-22-47;----; Minn.	5 daughters	5	9,596	3.3	318
Sire, 693386; dam, 1801537.	5 dams	6	8,360	3.3	274
Herd Owner, Jay C. Ripley, Winnebago.	Difference	(5-3-4)	+1,236	.0	+44
OSBORNDALE JOAB ORMSBY 810224	5 daughters	6	10,965	3.6	393
Born, 8-23-40; proved, 7-14-47;----; N. Y.	5 dams	18	11,978	3.6	429
Sire, 760723; dam, 1979878.	Difference	(2-4-2)	-1,013	.0	-36
Herd Owner, Fred Loucks, Canton.					
PABST DIRECT 813654	10 daughters	10	14,796	3.5	514
Born, 12-4-40; proved, 7-14-47;----; Wis.	8 daughters	8	15,364	3.5	538
Sire, 720120; dam, 1781736.	8 dams	37	13,546	3.7	501
Owner, Polk Co. Co-op. A. B. A.	Difference	(5-1-4)	+1,818	-.2	+37

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PARVIN COLANTHA MASTER 757297----------	5 daughters---	13	10,697	3.4	361
Born, 1-6-38; proved, 7-14-47;----; Pa.	5 dams--------	23	12,311	3.2	390
Sire, 686276; dam, 1621733.	Difference----	(1-5-2)	-1,614	+.2	-29
Herd Owner, J. Gaylord Confer, McElhattan.					
PIEBE GERBEN CREAMELLE 756626 *(Aug. 1946)----------	26 daughters--	51	12,263	3.7	448
Born, 7-19-37; proved, 7-15-47; alive; Pa.	22 daughters--	45	12,228	3.7	447
Sire, 713428; dam, 1966254.	22 dams-------	75	11,374	3.5	401
Owner, Nepa Co-op. A. B. A.	Difference----	(16-17-15)	+854	+.2	+46
PIEBE LINDY HARTOG 765030----------	6 daughters---	11	11,562	3.4	395
Born, 11-28-37; proved, 7-14-47;----; Pa.	5 daughters---	8	11,258	3.4	385
Sire, 695819; dam, 1689165.	5 dams--------	17	9,574	3.8	362
Herd Owner, Maurice A. Hutton, Etters.	Difference----	(5-1-4)	+1,684	-.4	+23
PIEBE PARTHENEA COPIA 757144----------	16 daughters--	31	10,309	3.6	368
Born, 8-23-37; proved, 7-24-47;----; Pa.	13 daughters--	24	10,503	3.5	371
Sire, 720866; dam, 1765718.	13 dams-------	47	11,529	3.4	397
Herd Owner, G. Weir Strock, Mechanicsburg.	Difference----	(4-11-4)	-1,026	+.1	-26
PIEBE WAYNE ORMSBY DE KOL 784017----------	8 daughters---	15	9,939	3.5	349
Born, 10-29-39; proved, 7-22-47;----; N. Y.	8 dams--------	37	11,747	3.4	403
Sire, 723121; dam, 1648897.	Difference----	(1-5-2)	-1,808	+.1	-54
Herd Owner, Raymond Strahan & Son, Friendship.					
PIETERTJE RAG MAN (TWIN) 771427 *9----------	25 daughters--	63	14,723	3.4	502
Born, 3-23-38; proved, 7-16-47;----; Pa.	23 daughters--	59	14,806	3.4	503
Sire, 705209; dam, 1628996.	23 dams-------	105	12,847	3.5	451
Owner, Lehigh Valley Co-op. A. B. A.	Difference----	(22-8-20)	+1,959	-.1	+52
PRIDE SENSATION JEWEL ACE 743063 *(Sept. 1946)----------	19 daughters--	37	12,595	3.8	480
Born, 10-6-36; proved, 7-9-47; alive; N. Y.	17 daughters--	31	12,653	3.8	486
Sire, 709269; dam, 1510849.	17 dams-------	73	12,380	3.6	446
Owner, Maine Co-op. A. B. A., Maine.	Difference----	(11-13-11)	+273	+.2	+40
PRINCE BESS FOBES OF VENTNOR 770210----------	17 daughters--	24	13,236	3.7	485
Born, 8-25-38; proved, 7-24-47;----; Wis.	17 dams-------	54	10,684	3.5	370
Sire, 711382; dam, 1818038.	Difference----	(14-14-15)	+2,552	+.2	+115
Herd Owner, F. H. Boyle, Fond du Lac.					
RAG APPLE BARON SEGIS 811482----------	5 daughters---	7	11,146	4.3	477
Born, 10-27-34; proved, 7-9-47;----; Wis.	5 dams--------	23	10,008	3.8	378
Sire, 101595 CHB.; dam, 203856 CHB.	Difference----	(3-4-5)	+1,138	+.5	+99
Herd Owner, Clausen Brothers, Kenosha.					
RECOVERY 718344----------	23 daughters--	47	12,788	3.3	420
Born, 5-6-35; proved, 7-24-47;----; Wis.	9 daughters---	14	12,816	3.3	428
Sire, 588508; dam, 847846.	9 dams--------	21	11,821	3.4	403
Owner, Badger Co-op. A. B. A.	Difference----	(5-5-5)	+995	-.1	+25
ROYAL COLANTHA WAYNE 3D 739918 *8----------	30 daughters--	56	9,530	3.6	347
Born, 5-8-37; proved, 7-21-47;----; N. Y.	24 daughters--	48	9,631	3.6	349
Sire, 598396; dam, 1311903.	24 dams-------	117	9,652	3.5	338
Herd Owner, Robert J. Edmunds, Delevan.	Difference----	(9-17-14)	- 21	+.1	+11
ROYAL DIRECT JOHANNA 791343----------	9 daughters---	11	12,005	3.4	406
Born, 1-12-40; proved, 7-14-47;----; Vt.	9 dams--------	31	12,070	3.3	398
Sire, 598396; dam, 1602517.	Difference----	(6-8-6)	- 65	+.1	+ 8
Herd Owner, White Brothers, West Topsham.					
ROYAL SEGIS ORMSBY DE KOL 778428----------	13 daughters--	21	8,800	3.5	312
Born, 2-11-39; proved, 7-21-47;----; W. Va.	9 daughters---	15	9,187	3.5	325
Sire, 712299; dam, 1971774.	9 dams--------	19	11,082	3.4	376
Herd Owner, Chester E. Burnside, Wolf Summit.	Difference----	(0-7-2)	-1,895	+.1	-51
SEGIS PIEBE BEETS ORMSBY 770804----------	6 daughters---	10	12,194	3.6	443
Born, 2-9-38; proved, 7-21-47;----; Pa.	6 dams--------	21	12,671	3.8	476
Sire, 703175; dam, 1353900.	Difference----	(3-2-3)	-477	-.2	-33
Herd Owner, Lester S. Hoch, Carlisle.					
SEGIS ROYAL ORMSBY 796002----------	7 daughters---	10	7,740	3.3	257
Born, 8-11-39; proved, 7-29-47;----; W. Va.	7 dams--------	24	9,076	3.2	289
Sire, 712299; dam, 1429928.	Difference----	(1-6-1)	-1,336	+.1	-32
Herd Owner, A. C. Hawkins, Morgantown.					
SIR ALEXINA RAMONA OF HIGHPATH 724816 *(Sept. 1946)----------	26 daughters--	59	12,379	3.6	451
Born, 10-5-35; proved, 7-7-47; alive; Minn.	18 daughters--	44	12,503	3.6	456
Sire, 655692; dam, 1658530.	18 dams-------	65	11,776	3.4	404
Owner, Minnesota Valley A. B. A.	Difference----	(11-12-14)	+727	+.2	+52
SIR ARTIS KONIGEN FAYNE 778459----------	10 daughters--	21	10,313	3.8	389
Born, 7-21-38; proved, 7-17-47;----; Pa.	8 daughters---	14	10,319	3.7	383
Sire, 753883; dam, 1495453.	8 dams--------	37	10,449	3.8	399
Herd Owner, Preston C. Smith, Martinsburg.	Difference----	(4-3-3)	-130	-.1	-16

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Fat (percent)	Fat (pounds)
SIR BESS KIA-PRIDE FRIEND BRU. H W 779720----------	19 daughters---	27	11,640	3.6	413
Born, 6-30-38; proved, 7-29-47;----; Utah.	14 daughters---	16	11,528	[illegible]	404
Sire, 557997; dam, 1743663.	14 dams--------	31	[illegible]	[illegible]	425
Herd Owner, Hazen M. Spackman, Lewiston.	Difference----	(5-10-5)	-605	.0	-21
SIR BESS ORMSBY FOBES DEAN 761977 *10----------	42 daughters--	72	13,071	3.8	[illegible]
Born, 1-7-38; proved, 7-8-47; alive; N. Y.	38 daughters-	66	13,014	3.8	[illegible]
Sire, 514545; dam, 1631045.	38 dams-------	171	12,614	[illegible]	447
Owner, New York Co-op. A. B. A., Inc.	Difference----	(25-27-27)	+400	[illegible]	[illegible]
SIR CASCADE JOE HOMESTEAD 771491 *10----------	20 daughters--	42	12,862	3.6	464
Born, 12-31-38; proved, 7-15-47;----; Wis.	17 daughters--	36	12,627	3.6	452
Sire, 723295; dam, 1946016.	17 dams--------	46	11,669	3.3	388
Owner, East Central Co-op. A. B. A.	Difference----	(10-17-14)	+958	+.3	+64
SIR CORNUCOPIA TIDY 781773----------	9 daughters---	14	11,659	3.5	412
Born, 9-12-38; proved, 7-21-47;----; Iowa.	8 daughters---	13	11,532	3.5	408
Sire, 731137; dam, 1796798.	8 dams--------	32	11,422	3.6	411
Herd Owner, Ben Eiten, Wellsburg.	Difference----	(3-3-5)	+110	-.1	- 3
SIR FOBES ORMSBY BEECHWOOD 770086----------	6 daughters---	9	13,146	3.4	446
Born, 7-2-38; proved, 7-16-47;----; Wis.	6 dams--------	16	10,922	3.3	366
Sire, 716662; dam, 1462583.	Difference----	(4-5-5)	+2,224	+.1	+80
Herd Owner, Henry Horst, Shilton.					
SIR HOMESTEAD MODEL FAYNE 777938----------	9 daughters---	16	9,627	3.6	[illegible]
Born, 9-21-38; proved, 7-23-47;----; Wis.	7 daughters---	8	9,234	3.7	341
Sire, 497073; dam, 1823611.	7 dams--------	14	9,751	3.5	340
Herd Owner, Howard Hunt, Whitewater.	Difference----	(3-4-4)	-517	+.2	+ 1
SIR INKA SPOFFORD OLLIE WALDORF 779909----------	13 daughters--	27	11,234	3.2	356
Born, 4-14-39; proved, 7-29-47;----; Pa.	12 daughters--	25	11,129	3.1	350
Sire, 671582; dam, 1551261.	12 dams--------	59	12,018	3.5	417
Herd Owner, State Colony, Selinsgrove.	Difference----	(4-0-1)	-889	-.4	-67
SIR KOROBA FAYNE DE KOL 781096----------	15 daughters--	25	9,298	3.2	302
Born, 4-19-38; proved, 7-16-47;----; Wis.	13 daughters--	23	9,453	3.3	308
Sire, 685898; dam, 1753142.	13 dams--------	24	9,725	3.4	[illegible]
Herd Owner, Mrs. Eleanor Ryder & E. Walfrom, Juneau.	Difference----	(7-5-6)	-272	-.1	-26
SIR PINKY CEDAR SEVENS 721463----------	10 daughters--	11	10,891	3.3	362
Born, 10-28-34; proved, 7-22-47;----; Utah.	7 daughters---	8	10,952	3.4	370
Sire, 677803; dam, 1654125.	7 dams--------	23	9,584	3.6	347
Herd Owner, L. Guy Atkinson, Woods Cross.	Difference----	(6-1-4)	+1,368	-.2	+23
SIR TRIUNE ORMSBY BURKE 730392----------	12 daughters--	25	11,864	3.6	424
Born, 12-11-32; proved, 7-15-47;----; N. Y.	5 daughters---	12	12,867	3.5	450
Sire, 581976; dam, 1341584.	5 dams--------	9	11,148	3.4	375
Herd Owner, Paul Sterusky & Son, Little Falls.	Difference----	(5-4-5)	+1,719	+.1	[illegible]
SNOW ABBEKERK DE KOL 782132----------	6 daughters---	10	9,998	3.6	[illegible]
Born, 7-10-39; proved, 7-21-47;----; N. Y.	6 dams--------	19	9,928	3.7	364
Sire, 739246; dam, 1485632.	Difference----	(3-4-3)	+ 70	-.1	- [illegible]
Herd Owner, William Bensley, Jr., Springville.					
TURKEY RUN CHIEF PIEBE 770547----------	8 daughters---	11	10,976	[illegible]	[illegible]
Born, 4-24-38; proved, 7-23-47;----; Pa.	8 dams--------	41	11,127	3.4	381
Sire, 556368; dam, 1727387.	Difference----	(4-5-2)	-151	-.1	-17
Herd Owner, State Industrial Home for Women, Muncy.					
TWIN MEADOWS BURKE DE KOL 781014----------	9 daughters---	15	9,812	[illegible]	[illegible]
Born, 3-30-39; proved, 7-16-47; alive; Pa.	8 daughters---	14	9,851	[illegible]	380
Sire, 718680; dam, 966224.	8 dams--------	32	10,619	3.6	[illegible]
Owner, Southeastern Pennsylvania Co-op. A. B. A.	Difference----	(3-6-4)	-768	+.3	
UNIVERSITY NETHERLAND 788063----------	6 daughters---	10	13,600	3.4	464
Born, 9-5-39; proved, 7-9-47;----; Wis.	5 daughters---	8	[illegible]	3.4	475
Sire, 90161 CHB.; dam, 2052514.	5 dams--------	18	11,575	[illegible]	395
Owner, University of Wisconsin, Madison (A. B. A.).	Difference----	(5-4-5)	+2,399	.0	+80
VINELAND SENSATION ORMSBY 738851 *(Oct. 1946)----------	52 daughters--	105	11,659	3.8	438
Born, 6-19-36; proved, 7-29-47;----; N. J.	24 daughters--	46	11,513	3.8	[illegible]
Sire, 673525; dam, 1622547.	24 dams--------	70	11,003	3.5	[illegible]
Owner, New Jersey Co-op. A. B. A., Inc.	Difference----	(16-19-18)	+510	+.3	+47
V S H ARISTOCRAT SUCCESSOR 820384----------	9 daughters---	11	10,802	[illegible]	[illegible]
Born, 2-10-41; proved, 7-14-47;----; Vt.	9 dams--------	31	10,942	3.5	383
Sire, 712121; dam, 1832728.	Difference----	(4-6-5)	-140	.0	[illegible]
Herd Owner, Vermont State Hospital, Waterbury.					
V S H SIR BUTTER KING 798057----------	6 daughters---	7	11,699	3.5	[illegible]
Born, 2-15-40; proved, 7-14-47;----; Vt.	6 dams--------	17	12,838	3.4	432
Sire, 764805; dam, 1987825.	Difference----	(1-4-2)	-1,139	+.1	[illegible]
Herd Owner, Vermont State Hospital, Waterbury.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WALKER SEGIS MERCEDES PENN 783848	7 daughters	11	12,400	3.6	451
Born, 6-8-38; proved, 7-23-47; ----; Pa.	5 daughters	8	12,604	3.5	447
Sire, 682063; dam, 1820817.	5 dams	14	12,759	3.5	440
Herd Owner, George L. McCormick, Allenwood.	Difference	(2-3-3)	-155	.0	+ 7
WALKUP KING BESSIE 801926	10 daughters	12	12,705	3.4	434
Born, 6-4-39; proved, 7-21-47; ----; Va.	9 daughters	11	12,677	3.4	436
Sire, 688260; dam, 1564232.	9 dams	15	12,925	3.5	449
Owner, Shenandoah Valley A. B. A., Inc.	Difference	(4-5-5)	-248	-.1	-13
WALTWOOD PRILLY SENSATION 717081	12 daughters	21	7,634	3.5	265
Born, 12-24-34; proved, 7-15-47; ----; Va.	7 daughters	14	7,844	3.4	263
Sire, 696144; dam, 1673118.	7 dams	9	7,082	3.2	224
Herd Owner, R. E. Shands, Chester.	Difference	(5-4-4)	+762	+.2	+39
WEBER BURKE PERFECTO 731889 *9	41 daughters	70	12,410	3.3	414
Born, 6-1-36; proved, 7-29-47; ----; Utah.	35 daughters	62	12,595	3.4	423
Sire, 697789; dam, 1575421.	35 dams	125	12,007	3.2	390
Herd Owner, Robson Brothers, Plain City.	Difference	(22-26-20)	+588	+.2	+33
WINFARM BLACKMOUNT GOVERNOR 792318 *(Feb. 1946)	16 daughters	23	11,427	3.6	406
Born, 9-17-39; proved, 7-16-47; ----; N. H.	15 daughters	22	11,636	3.6	414
Sire, 743663; dam, 1783677.	15 dams	57	10,848	3.4	373
Owner, New Hampshire A. B. A.	Difference	(9-11-10)	+788	+.2	+41
WINFARM EATHEL KERK 792315	33 daughters	39	10,727	3.6	386
Born, 8-2-39; proved, 7-22-47; dead; N. Y.	22 daughters	25	10,470	3.6	379
Sire, 689660; dam, 1482933.	22 dams	75	12,263	3.5	426
Owner, New York Co-op. A. B. A., Inc.	Difference	(5-17-6)	-1,793	+.1	-47
WINTERTHUR PILOT GREAT UQAJA 787379	11 daughters	14	11,747	3.7	438
Born, 9-23-39; proved, 7-9-47; ----; Pa.	9 daughters	11	11,806	3.7	438
Sire, 700000; dam, 1810729.	9 dams	26	10,680	3.3	350
Herd Owner, Fred M. Snyder, Cogan Station.	Difference	(7-8-7)	+1,126	+.4	+88
WINTERTHUR STAR PILOT TROJAN 781207	10 daughters	19	11,210	3.6	400
Born, 11-28-38; proved, 7-29-47; ----; Pa.	9 daughters	18	10,960	3.6	393
Sire, 742081; dam, 1870752.	9 dams	25	11,304	3.8	425
Herd Owner, W. J. Robbins, Beachlake.	Difference	(3-1-3)	-344	-.2	-32
34-I9841 (DHIA EARTAG)	7 daughters	8	10,897	3.5	377
Born, ----; proved, 7-29-47; ----; Mich.	6 daughters	7	10,713	3.5	373
Sire, ----; dam, ----.	6 dams	23	11,684	3.5	413
Herd Owner, Ries & Gage, Goodrich.	Difference	(1-3-1)	-971	.0	-40
41-1957 (DHIA EARTAG)	5 daughters	5	9,474	3.3	313
Born, ----; proved, 7-15-47; ----; Minn.	5 dams	10	9,081	3.1	283
Sire, ----; dam, ----.	Difference	(3-4-4)	+393	+.2	+30
Herd Owner, Harry Olsen, Blue Earth.					
41-C2207 (DHIA EARTAG)	21 daughters	36	9,077	3.4	313
Born, ----; proved, 7-23-47; ----; Minn.	10 daughters	14	9,148	3.5	323
Sire, ----; dam, ----.	10 dams	26	10,013	3.3	326
Herd Owner, Lykken & Lewis, Dennison.	Difference	(2-9-5)	-865	+.2	- 3
41-D7600 (DHIA EARTAG)	13 daughters	17	12,671	3.2	404
Born, ----; proved, 7-29-47; ----; Minn.	8 daughters	9	13,230	3.2	422
Sire, ----; dam, ----.	8 dams	21	10,790	3.5	375
Herd Owner, Dewitt E. Kanne, Dent.	Difference	(7-2-6)	+2,440	-.3	+47
84-9932 (DHIA EARTAG)	7 daughters	11	11,100	3.6	403
Born, ----; proved, 7-29-47; ----; Colo.	6 daughters	9	11,238	3.6	410
Sire, ----; dam, ----.	6 dams	16	13,347	3.4	460
Herd Owner, Colorado State Penitentiary, Canon City.	Difference	(1-5-1)	-2,109	+.2	-50

JERSEY SIRES

BARON ROSE TOM 411321	6 daughters	9	6,925	4.9	340
Born, 2-3-40; proved, 7-21-47; ----; Pa.	5 daughters	8	7,004	5.0	348
Sire, 271964; dam, 1012300.	5 dams	16	7,893	4.9	384
Herd Owner, John L. Schieves, Harmony.	Difference	(1-3-1)	-889	+.1	-36
BESS' VICTOR PHOENIX 399865	6 daughters	8	5,490	5.2	285
Born, 3-30-39; proved, 7-21-47; ----; Pa.	5 daughters	6	5,456	5.2	286
Sire, 362579; dam, 992030.	5 dams	23	8,232	4.6	377
Herd Owner, Edward White, Ceres, N. Y.	Difference	(0-5-1)	-2,776	+.6	-91
BETH'S SOVEREIGN DESIGN 405787 *10	20 daughters	31	5,364	5.5	294
Born, 7-9-39; proved, 7-30-47; dead; Pa.	20 dams	95	6,220	5.4	334
Sire, 336549; dam, 1172444.	Difference	(5-11-5)	-856	+.1	-40
Herd Owner, Mrs. Laura M. Rude, Waymart.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BINDLE BEECH FARM BEAU 391579 *10----------	35 daughters--	59	6,405	5.3	337
Born, 2-27-38; proved, 7-8-47;----; Iowa.	32 daughters--	52	6,540	5.2	343
Sire, 382831; dam, 815443.	32 dams-------	94	5,341	5.0	268
Owner, Eastern Iowa A. B. A.	Difference----	(26-24-27)	+1,199	+.2	+75
BONNIE OWL DUKE 376035 *8----------	47 daughters--	91	7,707	5.2	400
Born, 8-19-35; proved, 7-30-47;----; Va.	46 daughters--	90	7,739	5.2	401
Sire, 298411; dam, 709398.	46 dams-------	178	7,892	5.2	408
Owner, Southeast Virginia A. B. A.	Difference----	(22-23-28)	-153	.0	- 7
COMBINATION VERMONT OWL 398690----------	19 daughters--	26	7,457	5.1	379
Born, 2-4-39; proved, 7-9-47; alive; Vt.	15 daughters--	22	7,104	5.1	365
Sire, 363475; dam, 723557.	15 dams-------	48	8,410	4.8	404
Owner, Central Vermont A. B. A.	Difference----	(3-13-5)	-1,306	+.3	-39
CORDILLERA'S DRACONIS O. K. 400105----------	9 daughters---	11	9,357	5.0	464
Born, 9-14-38; proved, 7-17-47;----; Del.	9 dams--------	21	8,063	5.0	405
Sire, P. S. 7091 H. C.; dam, 1187854.	Difference----	(6-5-7)	+1,294	.0	+59
Owner, New Castle A. B. A.					
DEVON OXFORD DESIGN 388544----------	11 daughters--	15	7,403	5.0	371
Born, 1-7-38; proved, 7-25-47;----; Wash.	9 daughters---	13	7,560	4.9	373
Sire, 365450; dam, 995073.	9 dams--------	27	7,272	5.7	412
Herd Owner, Fred Ovenell, Burlington.	Difference----	(3-1-3)	+288	-.8	-39
DREAMING MASCOT DAIRYLIKE 384546 *9----------	18 daughters--	21	8,240	5.1	422
Born, 7-13-36; proved, 7-8-47;----; Del.	15 daughters--	17	8,605	5.1	437
Sire, 228799; dam, 944874.	15 dams-------	49	8,112	4.9	396
Owner, Indiana A. B. A., Ind.	Difference----	(10-11-10)	+493	+.2	+41
DUCHESS DREAMING SAM JR. 395825----------	5 daughters---	9	8,571	5.1	441
Born, 8-12-37; proved, 7-9-47;----; Pa.	5 dams--------	27	8,797	5.4	475
Sire, 349520; dam, 1065007.	Difference----	(1-3-2)	-226	-.3	-34
Herd Owner, William G. Campbell, Armagh.					
ENDIVE OF RIVER RIDGE 383156----------	5 daughters---	12	7,055	6.0	423
Born, 7-21-36; proved, 7-14-47;----; Pa.	5 dams--------	18	7,580	5.1	385
Sire, 338495; dam, 914067.	Difference----	(2-5-4)	-525	+.9	+38
Herd Owner, Carlton Jersey Farm, Carlton.					
FAITHFUL'S FAIR OBSERVER 426756----------	6 daughters---	6	8,195	5.4	442
Born, 2-25-41; proved, 7-17-47;----; Tenn.	5 daughters---	5	8,595	5.4	461
Sire, 400579; dam, 872504.	5 dams--------	23	8,250	5.5	458
Herd Owner, George Campbell & Son, Spring Hill.	Difference----	(3-2-1)	+345	-.1	+ 3
FON 96 B 381057 *8----------	13 daughters--	27	7,734	5.7	444
Born, 9-16-36; proved, 7-23-47;----; N. Y.	12 daughters--	24	7,828	5.7	446
Sire, 343405; dam, 1084631.	12 dams-------	35	6,837	5.2	360
Owner, Southeastern Pennsylvania Co-op. A. B. A., Pa.	Difference----	(8-11-10)	+941	+.5	+86
GAME POGIS VICTOR 440931 *----------	7 daughters---	9	7,932	5.4	425
Born, 7-7-40; proved, 4-9-47;----; Md.	6 daughters---	8	8,069	5.4	434
Sire, 306164; dam, 950148.	6 dams--------	35	6,898	5.2	360
Herd Owner, Indian Spring Farm, Darlington.	Difference----	(5-4-6)	+1,171	+.2	+74
GARNET SMOKY DUKE 401482 *10----------	20 daughters--	26	7,750	5.3	411
Born, 11-1-38; proved, 7-17-47;----; Wis.	18 daughters--	23	7,736	5.3	411
Sire, 338261; dam, 1003287.	18 dams-------	73	7,702	5.5	421
Herd Owner, William Jensen, River Falls.	Difference----	(7-9-8)	+34	-.2	-10
GINGER MADCAP LINK 435557----------	11 daughters--	11	7,982	5.6	444
Born, 1-1-41; proved, 7-10-47; alive; N. Y.	11 dams-------	36	8,881	5.0	440
Sire, 362179; dam, 982432.	Difference----	(2-10-6)	-899	+.6	+ 4
Herd Owner, Mark Chamberlain & Sons, Wyoming.					
GOLDEN BLONDE PIONEER 408388----------	12 daughters--	13	7,162	5.2	371
Born, 12-10-38; proved, 7-25-47;----; Pa.	10 daughters--	11	7,453	5.1	383
Sire, 337055; dam, 1055112.	10 dams-------	17	8,366	4.8	399
Herd Owner, Paul A. Rie, Honey Brook.	Difference----	(1-8-4)	-913	+.3	-16
IMP. DESIGN COMBINATION 383699----------	9 daughters---	10	6,644	4.8	316
Born, 8-27-36; proved, 7-17-47;----; Md.	6 daughters---	7	6,020	4.6	280
Sire, P. S. 7030 H. C.; dam, 1116205.	6 dams--------	9	8,308	4.6	384
Herd Owner, Holly Beach Farm, Annapolis.	Difference----	(0-4-1)	-2,288	.0	-104
J. ROYAL KING VALIANT 417074----------	14 daughters--	16	5,260	5.3	280
Born, 12-7-40; proved, 7-8-47; dead; Vt.	10 daughters--	10	5,506	5.2	287
Sire, 250214; dam, 1000270.	10 dams-------	41	6,037	5.3	318
Owner, Central Vermont A. B. A.	Difference----	(4-5-5)	-531	-.1	-31
JULIA'S GOLD RING LAD 385448----------	6 daughters---	13	7,572	5.5	416
Born, 10-27-36; proved, 7-18-47;----; Vt.	6 dams--------	14	7,558	5.3	402
Sire, 293667; dam, 1019049.	Difference----	(4-4-4)	+ 14	+.2	+14
Herd Owner, George M. Slack & Son, Randolph Center.					

* Incorrectly listed as F. D. Victor Pogis 440931.

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LOOKOUT 393047----------	15 daughters--	34	6,815	5.2	351
Born, 2-14-38; proved, 7-8-47;----; Pa.	11 daughters--	21	6,867	5.2	354
Sire, 371786; dam, 1101229.	11 dams-------	44	7,470	5.3	399
Herd Owner, Carlton Curtis, Columbus.	Difference----	(5-5-3)	-603	-.1	-45
MALAGA 374237----------	22 daughters--	28	8,133	4.5	367
Born, 9-20-35; proved, 7-29-47;----; Md.	13 daughters--	16	8,318	4.6	384
Sire, 301705; dam, 919494.	13 dams-------	16	7,447	4.8	356
Owner, Northern Ohio A. B. A., Inc., Ohio.	Difference----	(8-5-7)	+871	-.2	+28
MARY'S PROGRESS OWL 394620----------	12 daughters--	18	6,237	4.7	295
Born, 10-18-37; proved, 7-17-47;----; Va.	10 daughters--	15	6,335	4.8	304
Sire, 353305; dam, 1062557.	10 dams-------	24	6,203	5.4	336
Herd Owner, L. W. Kipps, Aroda.	Difference----	(6-0-5)	+132	-.6	-32
MOROCCO RALEIGH FINANCIER 409600 *10----------	22 daughters--	39	7,836	5.6	436
Born, 4-29-39; proved, 7-10-47;----; Ky.	21 daughters--	38	7,788	5.6	434
Sire, 347841; dam, 1087408.	21 dams-------	82	7,763	5.2	406
Owner, Yorkville Co-op. A. B. A.	Difference----	(10-16-13)	+ 25	+.4	+28
NOBLE CHECKMATE 409100----------	5 daughters---	6	7,412	5.1	380
Born, 4-3-39; proved, 7-29-47;----; N. Y.	5 dams--------	12	6,237	5.8	360
Sire, P. S. 7019 H. C.; dam, 1216115.	Difference----	(4-1-4)	+1,175	-.7	+20
Herd Owner, Edwin R. Rice, Randolph.					
NOBLE WINDMORE 382119----------	5 daughters---	12	6,464	5.3	345
Born, 4-9-35; proved, 7-29-47;----; Mo.	5 dams--------	18	6,268	5.5	342
Sire, 358358; dam, 957434.	Difference----	(2-2-2)	+196	-.2	+ 3
Herd Owner, Bois D'Arc Farms, Hughesville.					
NURIEL FRANCHISE AIM 414890----------	11 daughters--	12	6,918	5.2	363
Born, 3-19-40; proved, 7-11-47;----; Mo.	8 daughters---	9	7,045	5.1	359
Sire, 399955; dam, 1150670.	8 dams--------	10	8,788	5.1	446
Owner, M. F. A. A. B. A.	Difference----	(2-3-3)	-1,743	.0	-87
OWL LOU SUNBEAM LAD 389276----------	6 daughters---	9	7,129	5.5	392
Born, 3-22-37; proved, 7-15-47;----; Pa.	6 dams--------	21	7,356	5.3	392
Sire, 284059; dam, 773186.	Difference----	(4-4-4)	-227	+.2	0
Herd Owner, H. C. Drissel, Saegertown.					
PHILIDORA'S DESIGN LAD 396250----------	6 daughters---	15	7,340	5.2	379
Born, 10-17-38; proved, 7-25-47;----; Md.	6 dams--------	24	7,546	4.7	353
Sire, 373533; dam, 1150560.	Difference----	(2-5-3)	-206	+.5	+26
Herd Owner, Charles E. Shaw, Hagerstown.					
PRINCE LUCKY JIM 395951----------	8 daughters---	12	5,497	4.6	255
Born, 10-20-38; proved, 7-15-47;----; Pa.	6 daughters---	8	5,635	4.6	261
Sire, 377979; dam, 1026851.	6 dams--------	19	7,079	5.0	354
Herd Owner, Carters Farm, Meshoppen.	Difference----	(1-1-0)	-1,444	-.4	-93
PRINCE VOLUNTEER PRIDE 403501----------	8 daughters---	12	7,077	5.2	370
Born, 11-11-38; proved, 7-25-47;----; Wash.	6 daughters---	9	6,716	5.3	353
Sire, 332716; dam, 1156310.	6 dams--------	13	7,677	5.4	415
Herd Owner, Charles H. Wivell Dairies, Inc., Shelton.	Difference----	(2-2-1)	-961	-.1	-62
QUEEN'S TRINITY FAUVIC LAD 408268----------	12 daughters--	16	6,148	5.4	335
Born, 3-26-39; proved, 7-22-47;----; N. Y.	11 daughters--	15	6,166	5.4	335
Sire, 372246; dam, 987317.	11 dams-------	38	6,472	5.6	364
Herd Owner, S. L. Knox & Son, Wyoming.	Difference----	(5-5-4)	-306	-.2	-29
ROCKDALE MASTER EAGLE 404842----------	10 daughters--	18	6,741	4.9	333
Born, 2-24-39; proved, 7-25-47;----; Pa.	8 daughters---	15	6,868	4.8	331
Sire, 232784; dam, 1136129.	8 dams--------	42	7,320	5.3	387
Herd Owner, W. F. Hauenstein & Son, Waymart.	Difference----	(3-2-3)	-452	-.5	-56
ROYAL JESTER ROSEBOY 423875----------	6 daughters---	6	7,986	4.7	376
Born, 8-16-40; proved, 7-29-47;----; Tex.	6 dams--------	16	7,758	5.2	406
Sire, 396949; dam, 1140809.	Difference----	(3-0-3)	+228	-.5	-30
Herd Owner, Ed I. Palmer, Sulphur Springs.					
SAM'S PETITION 411334----------	8 daughters---	10	6,677	5.2	349
Born, 4-10-40; proved, 7-17-47;----; Pa.	7 daughters---	9	6,856	5.1	352
Sire, 389488; dam, 1059979.	7 dams--------	26	7,575	4.9	368
Herd Owner, G. C. Saufley, Hummelstown.	Difference----	(2-5-3)	-719	+.2	-16
SOPHIA'S GARNET VICTOR GUY 389048 *9----------	19 daughters--	28	7,480	5.7	424
Born, 11-22-35; proved, 7-16-47;----; Iowa.	17 daughters--	24	7,462	5.7	422
Sire, 338261; dam, 987402.	17 dams-------	47	6,346	5.6	355
Herd Owner, LeRoy Holland, Inwood.	Difference----	(13-10-15)	+1,116	+.1	+67
SOPHIE PAYMASTER FRANCIS 362559 *5----------	32 daughters--	99	7,685	5.5	423
Born, 10-1-34; proved, 7-17-47;----; Pa.	29 daughters--	87	7,738	5.5	427
Sire, 346668; dam, 922981.	29 dams-------	150	7,429	5.4	404
Owner, Western Pennsylvania Co-op. A. B. A.	Difference----	(17-16-18)	+309	+.1	+23

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
STANDARD MIST VOL. KING 387784	6 daughters	14	9,104	5.4	492
Born, 12-1-37; proved, 7-18-47;----; Wash.	5 daughters	12	9,134	5.4	490
Sire, 65811 CJCC.; dam, 51924 CJCC.	5 dams	20	8,253	4.9	400
Herd Owner, Sunshine Farms, Yakima.	Difference	(3-4-4)	+881	+.5	+90
TORONO SOPHIE PRINCE 394185	9 daughters	17	8,030	5.5	441
Born, 6-16-38; proved, 7-9-47;----; Pa.	7 daughters	12	7,874	5.6	444
Sire, 358648; dam, 1053787.	7 dams	29	7,998	5.2	412
Herd Owner, George W. Hazen, Conneaut Lake.	Difference	(3-6-4)	-124	+.4	+32
W. V. U. GREAT COMBINATION 418404 *(Aug. 1946)	9 daughters	9	8,097	5.3	428
Born, 10-18-40; proved, 7-9-47; dead; W. Va.	8 daughters	8	8,091	5.3	425
Sire, 387421; dam, 1108074.	8 dams	33	7,707	5.5	421
Owner, West Virginia A. B. A.	Difference	(4-3-5)	+384	-.2	+ 4
380526	6 daughters	9	7,817	5.2	409
Born, ----; proved, 7-29-47;----; Vt.	5 daughters	8	7,719	5.2	405
Sire, ----; dam, ----.	5 dams	32	8,662	5.1	446
Herd Owner, Roy W. Palmer, Middlebury.	Difference	(0-2-2)	-943	+.1	-41
381217	5 daughters	6	6,290	5.3	330
Born, ----; proved, 7-29-47;----; N. J.	5 dams	11	8,654	5.3	462
Sire, ----; dam, ----.	Difference	(1-3-0)	-2,364	.0	-132
Herd Owner, Martin A. Steinhauer, High Bridge.					
383725	5 daughters	8	7,543	5.3	401
Born, ----; proved, 7-23-47;----; Iowa.	5 dams	20	7,903	5.4	430
Sire, ----; dam, ----.	Difference	(2-1-1)	-360	-.1	-29
Herd Owner, Russell Hawkins, Monticello.					
393496	5 daughters	8	6,912	5.1	352
Born, ----; proved, 7-25-47;----; Tenn.	5 dams	18	6,178	5.4	333
Sire, ----; dam, ----.	Difference	(4-1-3)	+734	-.3	+19
Herd Owner, Joyce & Dye, Winchester.					
395189	17 daughters	31	7,746	4.8	370
Born, ----; proved, 7-9-47;----; Pa.	15 daughters	28	7,775	4.7	369
Sire, ----; dam, ----.	15 dams	53	6,320	5.2	329
Owner, Western Pennsylvania Co-op. A. B. A.	Difference	(12-1-13)	+1,455	-.5	+40
397086	5 daughters	7	6,233	5.0	310
Born, ----; proved, 7-29-47;----; Ill.	5 dams	10	7,639	5.2	396
Sire, ----; dam, ----.	Difference	(1-1-1)	-1,406	-.2	-86
Herd Owner, Vincent Welsh, Gays.					
399232	6 daughters	9	6,369	5.3	339
Born, ----; proved, 7-22-47;----; Ohio.	5 daughters	8	6,383	5.3	337
Sire, ----; dam, ----.	5 dams	9	7,353	4.9	360
Herd Owner, A. L. Vaughn & Son, Mount Gilead.	Difference	(2-4-2)	-970	+.4	-23
400228	8 daughters	8	7,513	5.3	395
Born, ----; proved, 7-22-47;----; Oreg.	6 daughters	6	7,486	5.4	401
Sire,----; dam, ----.	6 dams	22	7,448	5.0	373
Herd Owner, C. L. Bush, Philomath.	Difference	(3-4-4)	+ 38	+.4	+28
400863	7 daughters	11	6,778	5.2	355
Born, ----; proved, 7-29-47;----; Iowa.	7 dams	33	7,715	5.2	404
Sire, ----; dam, ----.	Difference	(1-3-3)	-937	.0	-49
Herd Owner, D. N. Olmsted, McGregor.					
401581	8 daughters	12	6,723	5.3	356
Born, ----; proved, 7-29-47;----; Idaho.	7 daughters	11	6,930	5.4	374
Sire, ----; dam, ----.	7 dams	19	7,432	5.0	374
Herd Owner, W. J. Edmunds, Nampa.	Difference	(2-6-4)	-502	+.4	0
422988	6 daughters	7	7,829	5.5	431
Born, ----; proved, 7-17-47; alive; N. Y.	6 dams	27	7,253	5.4	394
Sire, ----; dam, ----.	Difference	(4-3-5)	+576	+.1	+37
Owner, New York Co-op. A. B. A., Inc.					
13-D0049 (DHIA EARTAG)	6 daughters	7	6,738	4.7	317
Born, ----; proved, 7-22-47;----; Vt.	6 dams	22	6,089	4.6	277
Sire, ----; dam, ----.	Difference	(5-5-5)	+649	+.1	+40
Herd Owner, John & Carroll Mercy, Montgomery Center.					
31-1139 (DHIA EARTAG)	6 daughters	7	7,590	5.1	391
Born, ----; proved, 7-22-47;----; Ohio.	6 dams	17	7,300	4.9	359
Sire, ----; dam, ----.	Difference	(3-4-4)	+290	+.2	+32
Herd Owner, W. H. Kellogg & Sons, Rome.					
31-4192 (DHIA EARTAG)	12 daughters	20	7,618	5.3	401
Born, ----; proved, 7-22-47;----; Ohio.	12 dams	31	8,343	4.9	409
Sire, ----; dam, ----.	Difference	(5-9-8)	-725	+.4	- 8
Herd Owner, F. L. Jackson & Son, Mount Gilead.					

SHORTHORN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BORG'S WATERLOO GIFT 1885062----------	5 daughters---	7	9,114	3.7	334
Born, 9-18-36; proved, 7-15-47;----; Wis.	5 dams--------	18	7,557	4.2	316
Sire, 1684968; dam, 1631119.	Difference----	(5-0-3)	+1,557	-.5	+18
Herd Owner, Loren J. Lycans, De Pere.					
DUKE OF MAPLE LEAF 1893408----------	9 daughters---	16	5,202	3.9	205
Born, 4-20-36; proved, 7-15-47;----; Iowa.	7 daughters---	12	5,106	4.0	205
Sire, 1724067; dam, 1800989.	7 dams--------	15	5,731	4.1	232
Herd Owner, J. A. Liverca, Buffalo Center.	Difference----	(3-4-2)	-625	-.1	-27
ROYAL ROBIN 1903602----------	7 daughters---	10	10,128	3.9	397
Born, 4-21-37; proved, 7-18-47;----; Mich.	5 daughters---	7	10,842	3.9	420
Sire, 1833030; dam, 1692749.	5 dams--------	9	7,660	4.0	304
Herd Owner, Travis Farms, Leonard.	Difference----	(4-3-5)	+3,182	-.1	+116
WATERLOO CHAMPION 2013433----------	8 daughters---	9	6,976	3.9	269
Born, 4-7-40; proved, 7-23-47;----; Minn.	8 dams--------	21	7,341	3.6	264
Sire, 1934491; dam, 1736250.	Difference----	(2-7-3)	-365	+.3	+ 5
Herd Owner, Henry C. Hinrichs, Red Wing.					

AMERICAN DAIRY CATTLE CLUB SIRES

CHIEF PIEBE NINE-O-FIVE GERB COLA W S 912
(This sire is also a registered Holstein "Chief Piebe Nine-O-Five Gerb Cola W S 820752." Proved Sire data included in Holstein listing.)

CHIEF PIEBE PRIDE GERB-COLAN 862
(This sire is also a registered Holstein "Chief Piebe Pride Gerb-Colan 826710." Proved Sire data included in Holstein listing.)

CHINQUAPIN FIELD MASTER 115
(This sire is also a registerd Guernsey "Chinquapin Field Master 247990." Proved Sire data included in Guernsey listing.)

FON 96 B 592
(This sire is also a registered Jersey "Fon 96 B 381057." Proved Sire data included in Jersey listing.)

GINGER MADCAP LINK 538
(This sire is also a registered Jersey "Ginger Madcap Link 435557." Proved Sire data included in Jersey listing.)

GOLDEN BLONDE PIONEER 333
(This sire is also a registered Jersey "Golden Blonde Pioneer 408388." Proved Sire data included in Jersey listing.)

LANGWATER AGAWAM 252
(This sire is also a registered Guernsey "Langwater Agawam 294225." Proved Sire data included in Guernsey listing.)

MONIE'S MAESTRO OF ELMWOOD 345
(This sire is also a registered Guernsey "Monie's Maestro of Elmwood 298570." Proved Sire data included in Guernsey listing.)

OWEN'S PLACE MAMIE'S ADMIRAL 177
(This sire is also a registered Guernsey "Owen's Place Mamie's Admiral 284706." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

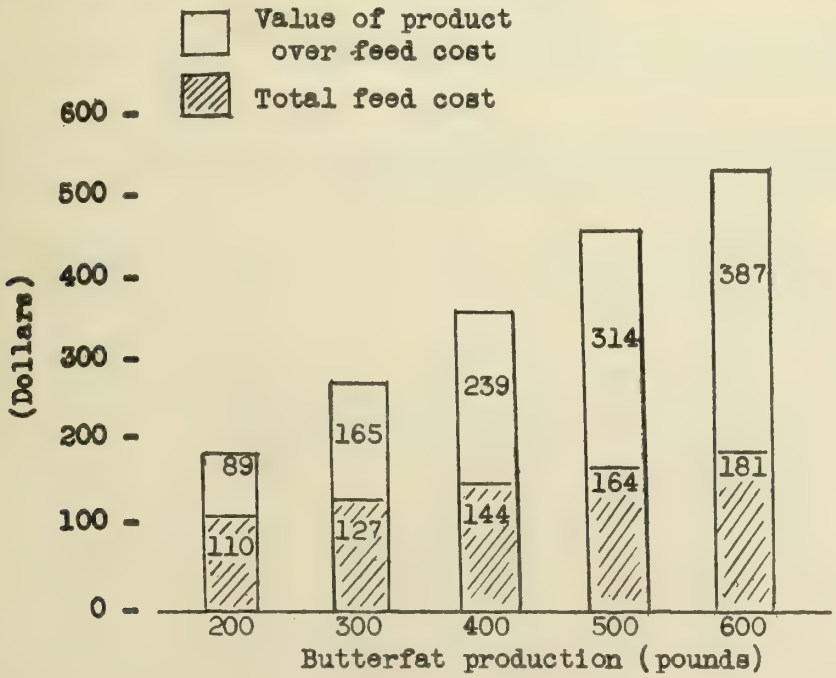
Dairy-Herd-Improvement Association Letter Vol. 23, No. 9

September 1947

HIGH-PRODUCING COWS YIELD HIGH RETURNS

DHIA records show, year after year, that high-producing cows are more profitable than low-producing cows. This is an old story to members of dairy-herd-improvement associations, but it may be new to dairymen who do not keep feed and production records.

The following graph, based on a compilation of data obtained in dairy-herd-improvement associations in 1946, shows how sharply the increase over feed cost rises as the production level increases.



In 1946, cows in dairy-herd-improvement-association herds averaged 346 pounds of butterfat per cow. On the average, each cow consumed $135 worth of feed and returned $199 above feed cost.

The summaries and tabulations on the following pages are based on a random selection of individual-cow records for 29,442 cows that were in 13,062 association herds and that completed a full 12-month testing period in 1946.

Table 1.- Relation of butterfat production to other factors 1/

Butterfat production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
25-74	5	1,518	4.2	64	64	4.22	51	28	79	-15
75-124	75	3,064	3.6	110	114	3.72	54	42	96	18
125-174	638	3,984	3.9	156	152	3.82	54	48	102	50
175-224	1,777	5,073	4.0	204	199	3.92	55	55	110	89
225-274	4,026	6,292	4.0	252	247	3.93	57	62	119	128
275-324	6,076	7,390	4.1	301	292	3.95	58	69	127	165
325-374	6,449	8,545	4.1	349	338	3.96	60	76	136	202
375-424	4,964	9,640	4.1	399	383	3.97	61	83	144	239
425-474	3,020	10,784	4.1	446	429	3.98	64	89	153	276
475-524	1,481	12,048	4.1	496	478	3.97	66	98	164	314
525-574	601	13,276	4.1	546	521	3.92	67	103	170	351
575-624	218	14,150	4.2	594	568	4.01	69	112	181	387
625-674	60	15,486	4.2	644	634	4.09	74	120	194	440
675-724	29	17,085	4.1	694	666	3.90	78	128	206	460
725-774	10	17,691	4.2	752	724	4.09	76	150	226	498
775-824	8	20,823	3.8	801	632	3.04	88	174	262	370
825-874	4	21,674	3.9	838	684	3.16	84	179	263	421
875-924	1	26,870	3.3	894	510	1.90	67	191	258	252
Total or average	29,442	8,435	4.1	345	334	3.96	60	75	135	199

1/ Based on the records of 29,442 DHIA cows, selected at random, that completed a full 12-month testing period in 1946. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 2.- Relation of milk production to other factors 1/

Milk production (range)	Records	Average productior				Price per 100 pounds of milk	Feed Cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
500-1,499------	4	1,293	4.9	64	53	4.10	44	22	66	-13
1,500-2,499----	19	2,280	4.7	107	101	4.43	50	36	86	15
2,500-3,499----	295	3,201	4.8	154	138	4.31	51	45	96	42
3,500-4,499----	1,050	4,080	4.8	195	177	4.34	51	50	101	76
4,500-5,499----	2,233	5,059	4.8	243	219	4.33	52	57	109	110
5,500-6,499----	3,726	6,023	4.7	284	259	4.30	54	63	117	142
6,500-7,499----	4,609	7,000	4.5	317	294	4.20	56	69	125	169
7,500-8,499----	4,405	7,982	4.3	344	327	4.10	59	74	133	194
8,500-9,499----	3,914	8,985	4.1	365	355	3.95	61	79	140	215
9,500-10,499---	3,056	9,975	3.8	383	385	3.86	65	83	148	237
10,500-11,499--	2,213	10,969	3.7	406	411	3.75	66	88	154	257
11,500-12,499--	1,550	11,969	3.6	430	440	3.68	67	93	160	280
12,500-13,499--	1,022	12,965	3.5	458	470	3.63	70	98	168	302
13,500-14,499--	644	13,962	3.5	491	503	3.60	70	103	173	330
14,500-15,499--	353	14,956	3.5	517	514	3.44	71	105	176	338
15,500-16,499--	177	15,899	3.5	549	543	3.42	73	110	183	360
16,500-17,499--	89	16,918	3.5	589	624	3.69	75	118	193	431
17,500-18,499--	41	17,898	3.4	612	630	3.52	79	130	209	421
18,500-19,499--	21	19,011	3.4	654	640	3.37	74	133	207	433
19,500-20,499--	8	19,954	3.4	680	617	3.09	75	144	219	398
20,500-21,499--	5	20,875	3.5	738	797	3.82	75	155	230	567
21,500-22,499--	4	21,961	3.6	801	619	2.82	82	186	268	351
22,500-23,499--	2	23,148	3.6	825	730	3.15	98	176	274	456
23,500-24,499--	1	24,270	3.2	777	456	1.88	66	188	254	202
26,500-27,499--	1	26,870	3.3	894	510	1.90	67	191	258	252
Total or average-----	29,442	8,435	4.1	345	334	3.96	60	75	135	199

1/ Based on the records of 29,442 DHIA cows, selected at random, that completed a full 12-month testing period in 1946. The milk records are grouped so the group centers are 1,000 pounds apart.

Table 3.- Relation of butterfat production per cow to other factors 1/

Butterfat production (range)	Cow-years	Herds	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
			Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
75-124------	20.25	3	2,661	4.3	114	81	3.04	35	19	54	27
125-174-----	20.00	29	4,053	4.0	161	140	3.45	40	35	75	65
175-224-----	22.92	286	5,250	4.0	208	199	3.79	49	50	99	100
225-274-----	23.15	1,368	6,334	4.0	254	242	3.82	53	56	109	133
275-324-----	23.96	3,348	7,519	4.0	302	293	3.90	58	67	125	168
325-374-----	22.67	4,204	8,586	4.1	349	333	3.88	62	74	136	197
375-424-----	22.07	2,588	9,722	4.1	396	380	3.91	66	83	149	231
425-474-----	20.55	942	10,755	4.1	443	417	3.88	68	90	158	259
475-524-----	18.51	234	12,046	4.1	495	472	3.92	73	98	171	301
525-574-----	19.27	41	13,019	4.2	542	517	3.97	84	111	195	322
575-624-----	14.58	13	15,141	3.9	592	585	3.86	88	126	214	371
625-674-----	13.08	4	17,278	3.7	641	618	3.58	78	134	212	406
675-724-----	-----	-----	-----	---	---	---	----	---	---	---	---
725-774-----	36.75	2	18,622	3.9	730	612	3.29	194	80	274	338
Total or average---	22.68	13,062	8,460	4.1	343	329	3.89	61	73	134	195

1/ Based on unweighted herd averages. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 4.- Relation of cost of grain to other factors 1/

Cost of grain (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Dollars	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
No grain fed	4	8,060	3.8	305	354	4.39	90	-	90	264
1-7	26	7,251	3.8	278	258	3.56	57	5	62	196
8-12	83	6,212	4.0	251	223	3.59	53	10	63	160
13-17	100	5,351	4.2	226	181	3.38	38	15	53	128
18-22	178	5,895	4.3	254	206	3.49	41	20	61	145
23-27	291	5,755	4.5	258	209	3.63	43	25	68	141
28-32	469	6,076	4.3	259	210	3.46	43	30	73	137
33-37	658	6,373	4.2	271	229	3.59	46	35	81	148
38-42	1,021	6,623	4.2	280	242	3.65	48	40	88	154
43-47	1,294	7,008	4.2	297	258	3.68	50	45	95	163
48-52	1,738	7,254	4.2	306	269	3.71	52	50	102	167
53-57	2,011	7,455	4.2	314	281	3.77	54	55	109	172
58-62	2,304	7,791	4.2	328	297	3.81	57	60	117	180
63-67	2,275	7,979	4.2	331	308	3.86	58	65	123	185
68-72	2,233	8,115	4.2	338	319	3.93	60	70	130	189
73-77	2,192	8,433	4.1	348	336	3.98	62	75	137	199
78-82	2,094	8,578	4.1	354	346	4.03	63	80	143	203
83-87	1,763	8,915	4.1	365	362	4.06	63	85	148	214
88-92	1,653	9,142	4.0	369	373	4.08	65	90	155	218
93-97	1,375	9,397	4.0	375	385	4.10	67	95	162	223
98-102	1,161	9,598	4.0	381	394	4.10	66	100	166	228
103-107	974	9,835	4.0	395	412	4.19	67	105	172	240
108-112	789	10,048	3.9	394	423	4.21	69	110	179	244
113-117	666	10,367	3.9	403	436	4.21	69	115	184	252
118-122	491	10,563	3.8	402	440	4.17	69	120	189	251
123-127	362	10,879	3.9	423	456	4.19	69	125	194	262
128-132	286	11,369	3.8	437	479	4.21	71	130	201	278
133-137	210	11,379	3.8	429	475	4.17	68	135	203	272
Over 137	741	12,328	3.8	464	506	4.10	73	156	229	277
Total or average	29,442	8,435	4.1	345	334	3.96	60	75	135	199

1/ Based on the records of 29,442 DHIA cows, selected at random, that completed a full 12-month testing period in 1946. The cost of grain records are grouped so the group centers are $5 apart.

DHIA PROVED-SIRE RECORDS TABULATED IN AUGUST 1947

Following is a list of 342 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in August 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ALTA CREST FOLLOW ON 46110----------	33 daughters--	71	8,784	3.8	332
Born, 5-6-32; proved, 8-27-47;----; N. Y.	16 daughters--	32	8,454	3.9	329
Sire, 41952; dam, 90263.	16 dams-------	26	8,739	4.1	356
Herd Owner, Dunshire Farm, Troy.	Difference----	(8-8-8)	-283	-.2	-27
ASH GROVE MAN O'WAR 39229----------	42 daughters--	149	9,365	3.9	363
Born, 10-21-28; proved, 8-20-47; dead; N. Y.	11 daughters--	59	9,744	3.8	372
Sire, 25200; dam, 73270.	11 dams-------	20	9,294	3.7	343
Herd Owner, Ash Grove Farms, Saratoga Springs.	Difference----	(6-7-6)	+450	+.1	+29
FAIR MAPLES JUPITER'S STAR 59878----------	11 daughters--	16	8,540	3.8	327
Born, 8-30-38; proved, 8-22-47;----; Pa.	7 daughters---	9	8,412	4.0	333
Sire, 50866; dam, 128269.	7 dams--------	10	10,031	4.0	398
Herd Owner, Herbert H. & Fannie M. Sheldon, Springboro.	Difference----	(3-4-2)	-1,619	.0	-65
FAIR MEADOWS YELLOW KATE'S BELDO 59607----------	13 daughters--	16	8,964	4.2	372
Born, 4-9-38; proved, 8-13-47;----; N. H.	7 daughters---	9	8,389	4.2	356
Sire, 52018; dam, 109065.	7 dams--------	23	8,689	4.0	347
Herd Owner, Elmer A. Dana, Etna.	Difference----	(4-6-4)	-300	+.2	+ 9
FAIRVUE DARK DIAMOND, IMP. 47498----------	30 daughters--	49	7,927	4.2	331
Born, 8-7-32; proved, 8-1-47;----; Wis.	15 daughters--	25	8,447	4.2	356
Sire, 47497; dam, 149782.	15 dams-------	28	10,005	3.6	359
Herd Owner, Spinney-Run Farm, Libertyville.	Difference----	(4-15-7)	-1,558	+.6	- 3
GLEN FOERD CROMWELL 54411----------	16 daughters--	27	8,393	4.0	332
Born, 2-21-36; proved, 8-12-47;----; Pa.	14 daughters--	22	8,424	3.9	332
Sire, 44638; dam, 135824.	14 dams-------	87	9,294	3.9	360
Herd Owner, Glen Foerd Farms, Philadelphia.	Difference----	(3-11-4)	-870	.0	-28
JAY-BEE EVENING 59072----------	8 daughters---	11	8,020	4.0	317
Born, 2-26-38; proved, 8-21-47;----; Md.	5 daughters---	7	7,768	4.0	311
Sire, 49370; dam, 153353.	5 dams--------	6	7,968	3.8	300
Herd Owner, Monocacy Ayr Farm, Frederick.	Difference----	(4-3-4)	-200	+.2	+11
LIPPITT HILL CLOUDY DAY 49556----------	10 daughters--	16	8,758	4.1	362
Born, 8-13-34; proved, 8-15-47; dead; Vt.	9 daughters---	15	8,827	4.1	361
Sire, 37395; dam, 109500.	9 dams--------	46	9,875	4.1	403
Herd Owner, Fairdale Farms, Inc., Bennington.	Difference----	(3-4-3)	-1,048	.0	-42
LIPPITT PETER SPRINGFIELD 57407----------	7 daughters---	11	7,157	4.0	286
Born, 9-20-37; proved, 8-1-47;----; Conn.	5 daughters---	9	7,021	4.1	285
Sire, 47977; dam, 156841.	5 dams--------	12	8,374	3.8	322
Herd Owner, Hillyland Farm, Willimantic.	Difference----	(1-4-2)	-1,353	+.3	-37
MALDEN BROOK LETOS LIBERTY, IMP. 60950----------	5 daughters---	8	10,195	4.0	405
Born, 2-14-39; proved, 8-1-47;----; Mass.	5 dams--------	20	11,012	4.0	440
Sire, 47582; dam, 215173.	Difference----	(2-3-2)	-817	.0	-35
Herd Owner, Malden Brook Farm, West Boylston.					
MASONIC HOMES CUTHBERT 47845----------	12 daughters--	23	8,101	4.2	337
Born, 6-17-32; proved, 8-12-47;----; Pa.	7 daughters---	14	8,112	4.1	336
Sire, 27722; dam, 68684.	7 dams--------	20	9,401	4.1	383
Herd Owner, Masonic Homes Farms, Elizabethtown.	Difference----	(2-4-2)	-1,289	.0	-47
MONTANA KURT 48089----------	42 daughters--	96	10,992	3.7	408
Born, 3-3-34; proved, 8-12-47; dead; Mont.	31 daughters--	73	10,758	3.7	400
Sire, 40251; dam, 113886.	31 dams-------	74	11,320	3.6	406
Herd Owner, H. B. Mitchell, Great Falls.	Difference----	(9-18-11)	-562	+.1	- 6
PENSHURST PRINCE MARTIN 46865----------	36 daughters--	53	8,697	4.3	371
Born, 1-29-33; proved, 8-11-47; dead; Pa.	23 daughters--	25	8,524	4.4	372
Sire, 30533; dam, 93810.	23 dams-------	55	7,786	4.2	327
Herd Owner, Ardrossan Farms, Ithan.	Difference----	(15-18-17)	+738	+.2	+45
RED STAR OF ATWOOD ORCHARDS 42392----------	6 daughters---	14	8,739	4.0	352
Born, 6-20-29; proved, 8-11-47; dead; N. Y.	5 daughters---	9	8,682	4.1	352
Sire, 34996; dam, 87576.	5 dams--------	15	7,359	4.0	297
Herd Owner, Lake Placid Club, Lake Placid.	Difference----	(4-3-5)	+1,323	+.1	+55

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SHARON VIEW SIR RODERICK 55735	8 daughters	12	7,769	3.8	298
Born, 12-26-36; proved, 8-1-47; ----; Ohio.	6 daughters	10	7,566	3.9	296
Sire, 38293; dam, 109161.	6 dams	9	6,630	3.7	243
Herd Owner, B. H. Fryfogle, Beloit.	Difference	(4-5-5)	+936	+.2	+53
STYLISH STAR OF JOAN ARMOUR 46540	8 daughters	19	7,714	3.7	285
Born, 1-1-31; proved, 8-25-47; ---; Kans.	5 daughters	12	8,291	3.7	309
Sire, 36218; dam, 61351.	5 dams	11	7,791	3.9	304
Herd Owner, Homes L. Rinehart, Greensburg.	Difference	(3-2-3)	+500	-.2	+ 5
SYCAMORE GRAY DELIGHT 49137	18 daughters	51	8,097	3.8	306
Born, 5-7-34; proved, 8-1-47; ----; Md.	9 daughters	26	7,909	3.9	305
Sire, 35622; dam, 123887 imp.	9 dams	20	8,654	3.9	341
Herd Owner, Gilbert J. Perry, Baltimore.	Difference	(3-4-4)	-745	.0	-36
SYCAMORE LINSIDE 47477	21 daughters	50	9,296	4.0	371
Born, 8-12-33; proved, 8-1-47; dead; Pa.	7 daughters	23	9,786	4.0	396
Sire, 35953; dam, 60405.	7 dams	15	12,003	4.0	481
Herd Owner, Delchester Farms, Edgemont.	Difference	(2-4-4)	-2,217	.0	-85
SYCAMORE SUNRAY 55525	16 daughters	28	8,046	3.9	310
Born, 12-13-36; proved, 8-15-47; ----; Kans.	12 daughters	22	8,079	3.8	310
Sire, 51654 imp.; dam, 149227.	12 dams	37	7,050	4.0	281
Herd Owner, Dan D. Casement, Manhattan.	Difference	(8-4-6)	+1,029	-.2	+29
TITAN'S LAST CHALLENGER 61498 *(Aug. 1946)	20 daughters	33	8,997	4.0	360
Born, 4-9-39; proved, 8-4-47; dead; N. Y.	18 daughters	30	8,894	4.0	358
Sire, 46893; dam, 150816.	18 dams	45	9,113	4.2	383
Owner, New York A. B. A., Inc.	Difference	(9-6-7)	-219	-.2	-25
WHITPAIN AMERICAN BROWN KING 59515 *10	31 daughters	48	9,657	4.0	387
Born, 6-8-38; proved, 8-4-47; alive; Md.	22 daughters	32	9,865	4.0	397
Sire, 35139; dam, 188527 imp.	22 dams	53	9,591	3.8	366
Owner, Maryland A. B. A.	Difference	(12-17-13)	+274	+.2	+31

BROWN SWISS SIRES

AARON OF SWISS HILLS 47699	16 daughters	18	10,706	4.0	423
Born, 7-16-40; proved, 8-8-47; ----; Wis.	13 daughters	15	10,816	3.9	421
Sire, 39593; dam, 72715.	13 dams	37	9,739	4.0	390
Herd Owner, Haines Brothers, Dodge.	Difference	(7-5-7)	+1,077	-.1	+31
BAVA'S BROWN CHAMP OF HILLTOP 40008	8 daughters	12	8,415	4.4	366
Born, 2-19-38; proved, 8-1-47; ----; Ohio.	7 daughters	11	8,229	4.3	353
Sire, 30445; dam, 39413.	7 dams	17	10,242	3.9	401
Herd Owner, Paul E. Dirkson, Kenton.	Difference	(0-7-1)	-2,013	+.4	-48
BLACKSTONE OF CEDAR VALLEY 41618	9 daughters	12	8,516	4.1	349
Born, 7-1-38; proved, 8-8-47; ----; Wis.	9 dams	39	9,287	4.1	377
Sire, 32503; dam, 52879.	Difference	(4-7-4)	-771	.0	-28
Herd Owner, Summit Acres Farm, Lake Geneva.					
COED GWEN'S PRINCE 39110	9 daughters	14	8,238	4.2	343
Born, 5-1-37; proved, 8-8-47; ----; Wis.	8 daughters	13	8,161	4.0	329
Sire, 30202; dam, 38555.	8 dams	37	9,011	3.7	335
Herd Owner, Morning Star Farm, Beaver Dam.	Difference	(2-7-3)	-850	+.3	- 6
FOREST DIXON 33127	9 daughters	16	9,409	4.2	394
Born, 10-2-33; proved, 8-27-47; ----; Wis.	5 daughters	7	9,555	4.3	415
Sire, 27253; dam, 12116.	5 dams	18	9,882	4.2	411
Herd Owner, George Cooke Estate, Racine.	Difference	(3-5-4)	-327	+.1	+ 4
FRANKLIN D. OF ALFALFA KNOLL 43569	6 daughters	8	9,259	4.1	376
Born, 4-24-38; proved, 8-8-47; dead; Ill.	6 dams	16	10,739	3.9	415
Sire, 34515; dam, 54154.	Difference	(2-5-2)	-1,480	+.2	-39
Herd Owner, Jesse H. Birkey, Delavan.					
LAURETTA'S BARBETTE J. B. 44389 *(June 1946)	10 daughters	13	14,072	4.1	579
Born, 10-4-39; proved, 8-15-47; dead; Oreg.	10 dams	26	11,743	3.7	433
Sire, 34504; dam, 36780.	Difference	(8-10-9)	+2,329	+.4	+146
Herd Owner, Albert Meier & Son, Beaverton.					
MASTER REX JOHN 45679	9 daughters	15	11,062	4.3	471
Born, 7-13-39; proved, 8-1-47; ----; Wis.	8 daughters	12	11,009	4.2	468
Sire, 35701; dam, 43248.	8 dams	47	12,276	4.1	502
Herd Owner, Otto & John Yahnke, Burlington.	Difference	(4-7-4)	-1,267	+.1	-34
WALHALLA CRUSADER BARON 41656	17 daughters	32	8,269	4.0	334
Born, 8-10-37; proved, 8-21-47; ----; N. Y.	17 dams	79	9,208	3.9	361
Sire, 17460; dam, 47384.	Difference	(4-14-4)	-939	+.1	-27
Herd Owner, Charles W. Brownell, Johnstown.					

GUERNSEY SIRES

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BETHANY ARCHER'S GLEAMER 236558	9 daughters	10	6,970	5.1	354
Born, 4-30-36; proved, 8-8-47;----; Ohio.	9 dams	17	7,612	5.0	380
Sire, 217425; dam, 371991.	Difference	(4-4-2)	-642	+.1	-26
Herd Owner, W. W. Baughman, New Waterford.					
BOULDER BRIDGE CHEVALIER 209481 *4	41 daughters	109	7,557	4.9	369
Born, 4-26-32; proved, 8-5-47;----; Iowa.	31 daughters	80	7,787	4.9	378
Sire, 128541; dam, 268487.	31 dams	110	7,593	4.7	360
Herd Owner, Kilpatrick & Sturgeon, Woodward.	Difference	(14-24-16)	+194	+.2	+18
BRIAN BORU RELIANCE'S SONNY 266194	10 daughters	12	7,901	5.0	392
Born, 10-11-38; proved, 8-4-47; dead; N. J.	9 daughters	11	7,974	5.0	396
Sire, 202806; dam, 415957.	9 dams	24	7,482	4.7	349
Herd Owner, Tinsmanton Farms, Bloomsbury.	Difference	(5-7-6)	+492	+.3	+47
CALAVERAS HIGHLAND COUNT 234523	9 daughters	18	7,576	4.6	351
Born, 11-8-35; proved, 8-5-47; alive; Ariz.	8 daughters	15	7,659	4.7	356
Sire, 115656; dam, 399774.	8 dams	30	6,978	4.8	334
Herd Owner, R. Marshall & J. W. Waldron, Phoenix.	Difference	(5-3-5)	+681	-.1	+22
CAUMSETT HARVESTER 145445 *3	34 daughters	64	8,728	4.8	421
Born, 2-7-28; proved, 8-5-47; dead; Minn.	30 daughters	53	8,782	4.8	425
Sire, 113149; dam, 124630.	30 dams	83	9,247	4.8	448
Herd Owner, Boulder Bridge Farm, Excelsior.	Difference	(11-14-9)	-465	.0	-23
CHEDCO JUDGE 280294	9 daughters	9	6,953	5.2	363
Born, 11-7-39; proved, 8-22-47;----; Iowa.	8 daughters	8	6,947	5.3	365
Sire, 241118; dam, 455506.	8 dams	22	6,954	5.2	362
Herd Owner, W. H. Bosworth, Algona.	Difference	(5-5-4)	- 7	+.1	+ 3
CONQUEROR'S DANDY 223117	5 daughters	5	7,489	4.7	350
Born, 2-27-35; proved, 8-8-47; dead; Mich.	5 dams	10	8,429	4.6	389
Sire, 203806; dam, 349326.	Difference	(2-4-2)	-940	+.1	-39
Herd Owner, Great Oaks Stock Farm, Rochester.					
ETH-MEAD COURAGEOUS 264857	6 daughters	9	7,297	5.2	379
Born, 11-16-37; proved, 8-25-47;----; Kans.	6 dams	15	7,059	5.0	349
Sire, 230482; dam, 309638.	Difference	(4-4-3)	+238	+.2	+30
Herd Owner, Charles A. Cook, Mound City.					
FAWNDAWAY MASTER BOB 268352	9 daughters	11	8,675	4.3	377
Born, 8-24-38; proved, 8-4-47;----; Wis.	8 daughters	10	9,194	4.3	398
Sire, 184911; dam, 276250.	8 dams	42	7,362	5.1	374
Herd Owner, Wilbur Becker, Fort Atkinson.	Difference	(8-0-5)	+1,832	-.8	+24
FAWNDAWAY MASTERPIECE REX 268353	10 daughters	23	7,146	4.6	328
Born, 8-27-38; proved, 8-4-47;----; Wis.	8 daughters	19	7,313	4.6	339
Sire, 184911; dam, 417198.	8 dams	40	6,306	5.2	325
Herd Owner, Henry Schneider, Merrill.	Difference	(7-0-5)	+1,007	-.6	+14
GOLDAM GEM 261629	6 daughters	11	6,703	5.4	360
Born, 3-5-38; proved, 8-22-47;----; Pa.	6 dams	26	6,923	5.5	380
Sire, 218972; dam, 351769.	Difference	(2-3-0)	-220	-.1	-20
Herd Owner, R. C. Jacobs, Brogueville.					
HAPPYHOLME HILDRETH'S PRINCE 227301 *8	54 daughters	156	8,443	4.8	407
Born, 7-5-35; proved, 8-1-47; alive; Calif.	52 daughters	147	8,448	4.8	408
Sire, 115656; dam, 405984.	52 dams	233	7,736	4.6	356
Herd Owner, Ray Gambonini, Petaluma.	Difference	(37-34-42)	+712	+.2	+52
HAPPYHOLME LUCI'S ROYAL 300056	7 daughters	8	9,400	5.2	489
Born, 1-5-41; proved, 8-22-47;----; Calif.	7 dams	25	8,197	4.8	390
Sire, 215011; dam, 585251.	Difference	(6-7-6)	+1,203	+.4	+99
Herd Owner, Muscio Brothers, Oakdale.					
HAYSWOOD DAVID CRESCENT 225741	7 daughters	22	7,205	4.6	331
Born, 1-16-35; proved, 8-21-47;----; Ind.	5 daughters	15	7,058	4.7	331
Sire, 151561; dam, 252841.	5 dams	20	8,584	4.4	376
Herd Owner, Don Tyler, Remington.	Difference	(1-5-1)	-1,526	+.3	-45
HILL GIRT PERKY 264178	9 daughters	16	8,383	5.2	432
Born, 6-9-38; proved, 8-6-47;----; Pa.	6 daughters	11	8,944	5.0	451
Sire, 206358; dam, 383977.	6 dams	14	8,408	4.7	391
Herd Owner, Amos Bryan, Perkasie.	Difference	(3-5-5)	+536	+.3	+60
HOLLY FARM PRESTIGE 264847	8 daughters	10	8,461	5.1	433
Born, 10-14-36; proved, 8-20-47;-----; Conn.	6 daughters	7	8,415	5.1	433
Sire, 214339; dam, 406368.	6 dams	8	8,453	4.4	372
Herd Owner, O. D. Tuller, West Simsbury.	Difference	(4-6-5)	- 38	+.7	+61
JILL'S JACK OF ELMWOOD FARMS 297317	10 daughters	18	7,031	4.9	342
Born, 8-15-39; proved, 8-27-47;----; N. Y.	10 dams	48	7,340	5.0	368
Sire, 214348; dam, 305216.	Difference	(3-3-4)	-309	-.1	-26
Herd Owner, C. Gage Robson, Geneva.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
JOHANAS OF FIELDS HILL FARM 224525	7 daughters	15	8,107	5.4	437
Born, 12-5-34; proved, 8-21-47;----; Conn.	5 daughters	12	8,099	5.1	416
Sire, 202621; dam, 132556.	5 dams	11	6,870	4.6	314
Herd Owner, Paul & John Smutnick, Abington.	Difference	(5-5-5)	+1,229	+.5	+102
KENFLEUR'S IDEAL CRESCENT QUAD 269582	12 daughters	15	8,966	5.3	478
Born, 9-1-38; proved, 8-13-47;----; Minn.	11 daughters	14	8,986	5.3	473
Sire, 222091; dam, 300947.	11 dams	18	8,567	4.7	401
Herd Owner, W. R. & C. N. Adams & Sons, Mankato.	Difference	(6-11-9)	+419	+.6	+72
LAD OF CORYDON 302006	6 daughters	7	6,099	5.6	343
Born, 11-25-39; proved, 8-25-47;----; Iowa.	6 dams	20	7,887	4.9	389
Sire, 208287; dam, 678096.	Difference	(0-6-3)	-1,788	+.7	-46
Herd Owner, Gartin & Adamson, Chariton.					
LAUREL LOCKS VICTOR 227153	8 daughters	12	6,421	4.8	306
Born, 2-9-34; proved, 8-21-47;----; Pa.	5 daughters	7	6,226	4.9	307
Sire, 130699; dam, 249563.	5 dams	25	7,648	4.7	360
Herd Owner, Laurel Locks Farms, Pottstown.	Difference	(1-4-1)	-1,422	+.2	-53
MAYWICK'S VALOR 263448	13 daughters	18	8,124	4.8	394
Born, 5-2-38; proved, 8-6-47;----; Md.	7 daughters	11	7,781	4.8	377
Sire, 217857; dam, 444158.	7 dams	11	7,394	4.9	361
Herd Owner, Mrs. H. B. Getty, New Windsor.	Difference	(4-4-3)	+387	-.1	+16
MCDONALD FARMS FARMER 291827	6 daughters	6	6,843	4.8	330
Born, 1-7-40; proved, 8-15-47;----; Maine.	6 dams	14	6,510	4.7	305
Sire, 233983; dam, 505152.	Difference	(3-4-5)	+333	+.1	+25
Herd Owner, Floyd R. Pickard & Sons, Bangor.					
MCDONALD FARMS GRANGER 303220	6 daughters	6	8,271	4.6	381
Born, 2-18-41; proved, 8-25-47;----; Ariz.	5 daughters	5	8,356	4.6	385
Sire, 276554; dam, 665297.	5 dams	18	8,004	4.5	360
Herd Owner, W. T. McClelland, Tucson.	Difference	(4-4-4)	+352	+.1	+25
MIDVIEW'S WILLIAM 267578	6 daughters	8	8,536	4.9	417
Born, 8-29-38; proved, 8-4-47; dead; Va.	6 dams	12	7,902	4.5	359
Sire, 232106; dam, 485037.	Difference	(4-5-4)	+634	+.4	+58
Herd Owner, Methodist Orphanage, Richmond.					
MOBJACK GEM'S DIXIE 263756	7 daughters	9	8,283	4.6	379
Born, 2-24-36; proved, 8-12-47;----; Va.	7 dams	41	7,776	4.9	377
Sire, 183245; dam, 467649.	Difference	(5-1-3)	+507	-.3	+ 2
Herd Owner, Mobjack Farm, Urbanna.					
MONARCH'S BELL PRINCE 269867	7 daughters	10	8,475	4.8	407
Born, 1-2-38; proved, 8-20-47;----; Wis.	6 daughters	9	8,288	4.8	400
Sire, 215580; dam, 382616.	6 dams	28	7,719	5.0	386
Herd Owner, Schlessner Brothers, Johnson Creek.	Difference	(4-3-4)	+569	-.2	+14
MONARCH'S SUPREME VALIANT 251689	9 daughters	9	10,136	5.6	566
Born, 2-26-37; proved, 8-4-47;----; Wis.	7 daughters	7	10,052	5.6	567
Sire, 245979; dam, 496729.	7 dams	11	8,310	5.4	450
Herd Owner, H. & H. Lurvey, Dousman.	Difference	(5-5-5)	+1,742	+.2	+117
PETER OF ARARAT GUERNSEY FARM 301188	5 daughters	5	8,701	4.7	413
Born, 2-11-41; proved, 8-25-47;----; Vt.	5 dams	20	9,962	4.3	432
Sire, 256234; dam, 372213.	Difference	(0-5-2)	-1,261	+.4	-19
Herd Owner, Richard F. Whitcomb, Springfield.					
PLAIN VIEW BILLY BOY 229280	5 daughters	8	9,015	4.9	443
Born, 10-5-35; proved, 8-25-47;----; Ind.	5 dams	6	7,380	5.1	376
Sire, 219374; dam, 262268.	Difference	(5-1-4)	+1,635	-.2	+67
Herd Owner, Wayne Grossman, Argos.					
PLAY BOY'S PRINCE OF BLUE ROCK 281033	12 daughters	20	7,984	5.0	396
Born, 5-31-39; proved, 8-25-47;----; Pa.	12 dams	36	8,847	4.8	423
Sire, 239699; dam, 399315.	Difference	(6-9-6)	-863	+.2	-27
Herd Owner, Clyde P. Menges, Newville.					
PROSPECT OF HUFF'S HILL 269939	9 daughters	10	7,161	5.7	405
Born, 1-19-37; proved, 8-1-47;----; Ind.	9 dams	19	7,933	5.3	419
Sire, 215263; dam, 331240.	Difference	(2-7-4)	-772	+.4	-14
Herd Owner, F. R. & E. S. Hahn, Bremen.					
RAEMELTON TRIUMPH BING 262936	16 daughters	18	8,180	4.8	392
Born, 12-20-37; proved, 8-25-47;----; Ohio.	15 daughters	17	8,342	4.8	401
Sire, 227565; dam, 433777.	15 dams	47	8,925	4.5	402
Herd Owner, Joe Olding, Fort Recovery.	Difference	(7-11-8)	-583	+.3	- 1
RED ROCK DICTATOR 268961	8 daughters	8	11,816	4.3	509
Born, 8-24-38; proved, 8-11-47; dead; Mich.	8 dams	18	10,961	4.2	457
Sire, 215315; dam, 349954.	Difference	(6-6-5)	+855	+.1	+52
Herd Owner, Ed. Alles & Sons, Rockford.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ROSEBUD RUTH'S PRINCE 280985	8 daughters	14	7,089	5.3	376
Born, 5-4-39; proved, 8-25-47;----; Iowa.	8 dams	35	7,195	4.8	343
Sire, 226882; dam, 343796.	Difference	(4-8-5)	-106	+.5	+33
Herd Owner, James H. Cresswell, Reinbeck.					
ROSSMONT SHAMROCK 269394	7 daughters	12	5,433	4.6	252
Born, 2-16-38; proved, 8-1-47; dead; Va.	6 daughters	11	5,310	4.7	247
Sire, 244577; dam, 504780.	6 dams	22	6,240	4.5	283
Herd Owner, Mrs. C. W. Brammer, Radford.	Difference	(1-6-1)	-930	+.2	-36
ROYAL MAXIM OF COWHAM FARM 263930	14 daughters	14	8,833	4.5	394
Born, 3-13-38; proved, 8-12-47;----; Mich.	12 daughters	12	8,771	4.4	387
Sire, 207085; dam, 329063.	12 dams	38	8,340	4.7	391
Herd Owner, Frank Habrick, Adrian.	Difference	(7-3-6)	+431	-.3	- 4
ROYAL VALOR 223716	7 daughters	7	9,902	4.6	458
Born, 7-11-34; proved, 8-27-47;----; Wis.	5 daughters	5	10,062	4.6	462
Sire, 206530; dam, 320387.	5 dams	6	7,767	5.0	386
Herd Owner, Wey Acres, Thiensville.	Difference	(5-1-4)	+2,295	-.4	+76
ST. ALBANS VALIANT PAINT'S LAD 319210	6 daughters	6	10,686	4.7	503
Born, 2-20-42; proved, 8-21-47; alive; Mo.	6 dams	22	9,883	4.9	484
Sire, 200316; dam, 524949.	Difference	(5-1-4)	+803	-.2	+19
Owner, Mid-West A. B. A.					
SAMANDER OF ROYALTON 306492	6 daughters	8	8,902	5.0	444
Born, 12-21-39; proved, 8-28-47;----; Mich.	6 dams	18	9,711	4.7	459
Sire, 255163; dam, 479744.	Difference	(2-5-2)	-809	+.3	-15
Owner, Michigan Co-op. A. B. A., Inc.					
SAVAGE FARM GOLDEN 264079	13 daughters	21	7,129	5.2	372
Born, 3-17-38; proved, 8-22-47;----; Va.	13 dams	47	7,428	5.2	384
Sire, 193735; dam, 374207.	Difference	(6-7-6)	-299	.0	-12
Herd Owner, B. Briel, Sandston.					
SEDGLEY IVER 277922	21 daughters	33	8,240	5.3	438
Born, 6-25-38; proved, 8-1-47;----; Ill.	12 daughters	20	8,194	5.4	440
Sire, 204515; dam, 521143.	12 dams	21	8,244	4.9	405
Owner, Central Wisconsin A. B. A., Wis.	Difference	(7-10-7)	- 50	+.5	+35
SPLENDID SON OF AURELIA 226923	6 daughters	12	7,112	5.3	377
Born, 6-27-35; proved, 8-25-47;----; Maine.	5 daughters	11	7,128	5.4	382
Sire, 173901; dam, 313334.	5 dams	20	7,640	5.6	425
Herd Owner, J. Herbert Comins & Son, East Eddington.	Difference	(1-2-0)	-512	-.2	-43
SUNNY JIM OF ARROYO 268767	8 daughters	16	6,215	4.6	288
Born, 2-2-38; proved, 8-13-47; dead; W. Va.	8 dams	51	5,861	4.6	268
Sire, 228341; dam, 472468.	Difference	(4-4-4)	+354	.0	+20
Herd Owner, Bethany College Farm, Bethany.					
SYLVANITE FLYER 266331	5 daughters	7	7,857	4.6	362
Born, 7-10-38; proved, 8-25-47;----; Iowa.	5 dams	19	7,454	4.7	351
Sire, 229837; dam, 320486.	Difference	(4-2-4)	+403	-.1	+11
Herd Owner, T. E. Selness, Mabel, Minn.					
TECUMSEH B. OF THE ELMS 229638	8 daughters	11	6,780	4.8	326
Born, 5-8-35; proved, 8-1-47;----; Maine.	7 daughters	10	6,560	4.7	312
Sire, 203838; dam, 357554.	7 dams	15	7,277	5.1	372
Herd Owner, Almon L. Brackley, Kingfield.	Difference	(3-3-1)	-717	-.4	-60
ULTRA'S WINNER OF HAVEN HILL 266411	11 daughters	18	6,546	5.1	337
Born, 10-26-38; proved, 8-20-47;----; Maine.	10 daughters	17	6,691	5.1	344
Sire, 241950; dam, 487567.	10 dams	23	6,738	4.8	323
Herd Owner, Thornhurst Farm, Inc., Portland.	Difference	(3-8-8)	- 47	+.3	+21
VALENTINO OF FERN HILL 271888 *	12 daughters	15	8,594	5.1	441
Born, 10-5-38; proved, 6-24-47; dead; Wis.	11 daughters	13	8,597	5.2	446
Sire, 193073; dam, 380693.	11 dams	34	8,729	4.9	429
Herd Owner, Shellhouse Brothers, Menomonie.	Difference	(4-8-7)	-132	+.3	+17
VALLEY GROVE'S ULTRA VICTOR 224539	8 daughters	10	7,993	5.1	409
Born, 1-4-35; proved, 8-20-47;----; Mich.	5 daughters	5	7,454	5.3	396
Sire, 200645; dam, 222733.	5 dams	9	7,851	4.7	367
Herd Owner, Paul Wiener, Mears.	Difference	(2-5-3)	-397	+.6	+29
VALLEYWOOD VALIANT HERO 235690	20 daughters	29	10,107	4.6	467
Born, 3-31-36; proved, 8-4-47; alive; Minn.	15 daughters	17	10,445	4.7	490
Sire, 200316; dam, 357789.	15 dams	31	9,560	4.9	472
Herd Owner, Boulder Bridge Farm, Excelsior.	Difference	(11-6-9)	+885	-.2	+18
WYEBROOK BRILLIANT DUKE 261742	15 daughters	21	8,706	4.8	415
Born, 10-29-37; proved, 8-15-47;----; N. Y.	9 daughters	13	9,647	4.8	464
Sire, 237615; dam, 456059.	9 dams	16	8,409	4.4	369
Herd Owner, John Petteys & Son, Greenwich.	Difference	(7-8-9)	+1,238	+.4	+95

* Incorrectly listed as Maybelle's Ambler 271388.

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WYEBROOK MATCHLESS 216336 *6----------	14 daughters--	30	8,813	5.0	440
Born, 10-4-33; proved, 8-5-47; dead; Minn.	14 dams-------	40	9,222	5.0	460
Sire, 187794; dam, 248796.	Difference----	(6-9-5)	-409	.0	-20
Herd Owner, Boulder Bridge Farm, Excelsior.					
266505----------	5 daughters---	8	8,144	4.7	385
Born, ----; proved, 8-21-47;----; Mich.	5 dams--------	20	9,235	4.4	407
Sire, ----; dam, ----.	Difference----	(2-4-2)	-1,091	+.3	-22
Herd Owner, J. Burton Richards, Berrien Center.					
13-A4178 (DHIA EARTAG)----------	5 daughters---	5	8,184	4.4	363
Born, ----; proved, 8-8-47;----; Vt.	5 dams--------	26	6,923	4.4	304
Sire, ----; dam, ----.	Difference----	(5-3-5)	+1,261	.0	+59
Herd Owner, Burr Cadoret, Manchester.					
21-G6353 (DHIA EARTAG)----------	6 daughters---	6	7,789	4.8	372
Born, ----; proved, 8-1-47; dead; N. Y.	5 daughters---	5	7,511	4.8	363
Sire, ----; dam, ----.	5 dams--------	11	7,549	4.9	368
Herd Owner, Harry R. Onderdonk, Stanley.	Difference----	(2-2-3)	- 38	-.1	- 5
52*B988917 (BANGS OR TB EARTAG)----------	19 daughters--	31	5,349	4.9	260
Born, ----; proved, 8-15-47;----; Va.	11 daughters--	17	5,321	4.9	259
Sire, ----; dam, ----.	11 dams-------	43	5,073	4.8	243
Herd Owner, J. T. S. Hoge Estate, Pembrooke.	Difference----	(6-7-5)	+248	+.1	+16
54-1577 (DHIA EARTAG)----------	11 daughters--	28	6,935	4.6	319
Born, 2-7-37; proved, 8-12 -47;----; W. Va.	10 daughters--	27	7,057	4.6	323
Sire, ----; dam, ----.	10 dams-------	32	8,332	4.3	360
Herd Owner, C. O. Hunter, Point Marion, Pa.	Difference----	(1-6-1)	-1,275	+.3	-37

HOLSTEIN SIRES

AAGGIE FAYNE KING HAZELWOOD 747124----------	9 daughters---	9	11,621	3.4	401
Born, 12-26-36; proved, 8-11-47;----; Wash.	6 daughters---	6	11,381	3.5	400
Sire, 745163; dam, 1929769.	6 dams--------	12	12,197	3.6	442
Herd Owner, Stadacona Dairy, Mead.	Difference----	(3-2-3)	-816	-.1	-42
ABEGWEIT SPOTLIGHT 743114 *8----------	24 daughters--	29	11,235	3.3	368
Born, 4-8-36; proved, 8-5-47; dead; W. Va.	17 daughters--	21	11,629	3.3	382
Sire, 743113; dam, 182607 CHB.	17 dams-------	46	11,920	3.2	385
Herd Owner, Morning Side Farm, Ronceverte.	Difference----	(8-11-9)	-291	+.1	- 3
ADMIRAL BOAST SEGIS KENT 797383 *(Nov. 1946)----------	13 daughters--	16	12,573	3.2	404
Born, 12-15-39; proved, 8-29-47; alive; W. Va.	13 dams-------	27	9,996	3.4	343
Sire, 611511; dam, 1804561.	Difference----	(9-5-9)	+2,577	-.2	+61
Herd Owner, S. M. & Amos Combs, Lewisburg.					
ADMIRAL KING ACE 800057----------	9 daughters---	10	10,436	3.3	349
Born, 10-10-36; proved, 8-20-47;----; Wis.	6 daughters---	7	9,940	3.5	343
Sire, 731747; dam, 1730303.	6 dams--------	18	10,201	3.6	364
Herd Owner, Jefferson County Asylum Farms, Jefferson.	Difference----	(3-2-2)	-261	-.1	-21
ADMIRAL OYLO ORMSBY 783185----------	9 daughters---	26	12,561	3.9	484
Born, 11-10-38; proved, 8-4-47;----; Pa.	5 daughters---	13	12,834	3.9	496
Sire, 743726; dam, 1790536.	5 dams--------	16	12,153	3.7	447
Herd Owner, P. C. Maryott, Wysox.	Difference----	(3-4-4)	+681	+.2	+49
A F M INKA MATADOR MUTUAL 797231----------	11 daughters--	17	11,891	3.4	403
Born, 9-7-39; proved, 8-11-47;----; Kans.	5 daughters---	8	12,727	3.5	441
Sire, 739012; dam, 1877381.	5 dams--------	10	10,980	3.3	368
Herd Owner, Ralph Hornbaker, Stafford.	Difference----	(4-5-4)	+1,747	+.2	+73
ALBIAN ROCK-STAR DE KOL 743473----------	6 daughters---	13	11,643	3.6	420
Born, 9-12-36; proved, 8-11-47;----; Wis.	6 dams--------	19	11,799	3.7	440
Sire, 589395; dam, 1609018.	Difference----	(3-2-3)	-156	-.1	-20
Herd Owner, John Kuenzi, Colgate.					
ALFARIDGE SEGIS COLANTHA FOBES 782374----------	13 daughters--	34	11,538	3.6	411
Born, 7-18-38; proved, 8-15-47;----; Mich.	11 daughters--	29	11,768	3.5	414
Sire, 735598; dam, 1356914.	11 dams-------	28	12,599	3.4	424
Herd Owner, Russell Jenkinson, Corunna.	Difference----	(2-8-3)	-831	+.1	-10
ALVERNO CRUSADER FOBES BURKE 780642----------	13 daughters--	19	11,253	3.3	376
Born, 10-30-38; proved, 8-18-47;----; Wis.	13 dams-------	56	12,879	3.6	467
Sire, 714103; dam, 1751345.	Difference----	(1-2-0)	-1,626	-.3	-91
Herd Owner, Leonard L. Fischer, Collins.					
BAKER FARM INFALLIBLE 770603----------	20 daughters--	28	10,868	3.4	371
Born, 4-21-38; proved, 8-21-47;----; Wis.	18 daughters--	24	10,863	3.4	370
Sire, 608348; dam, 1536703.	18 dams-------	43	11,707	3.6	425
Herd Owner, Bernard A. Conlin, Columbus.	Difference----	(5-5-7)	-844	-.2	-55

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BALLARD FARM PONTIAC GREAT 821056	22 daughters	25	12,233	3.9	482
Born, 10-19-40; proved, 8-12-47; dead; Pa.	21 daughters	24	12,111	4.0	481
Sire, 783750; dam, 1832116.	21 dams	77	11,659	3.8	448
Herd Owner, George Kerrick, Towanda.	Difference	(12-12-15)	+452	+.2	+33
BEAUTY TRAVERSE SIR BURKE 726180	6 daughters	9	12,225	3.3	403
Born, 9-5-35; proved, 8-28-47;----; Mich.	6 dams	15	9,498	3.3	315
Sire, 555645; dam, 1091862.	Difference	(5-4-5)	+2,727	.0	+88
Herd Owner, Henry L. Hewitt & Sons, Elkton.					
BELLE CREST ADMIRAL PETE 743727 *10	19 daughters	41	11,486	3.5	402
Born, 1-27-37; proved, 8-8-47; alive; N. J.	17 daughters	39	11,678	3.5	405
Sire, 671272; dam, 1712978.	17 dams	86	11,095	3.4	377
Herd Owner, J. Willard Gardiner, Mullica Hill.	Difference	(10-14-13)	+583	+.1	+28
BELLE CREST KENT ORMSBY 775437	12 daughters	17	10,585	3.5	375
Born, 3-23-39; proved, 8-25-47; dead; Pa.	12 dams	47	11,743	3.3	391
Sire, 611511; dam, 1855556.	Difference	(3-12-4)	-1,158	+.2	-16
Herd Owner, Raymond S. Schrack, Loganton.					
BELL FARM SIR PIET OLLIE RAG APPLE 785819	18 daughters	35	11,623	3.3	388
Born, 5-24-39; proved, 8-1-47;----; Pa.	13 daughters	25	11,551	3.4	391
Sire, 705346; dam, 1884736.	13 dams	58	11,499	3.4	394
Herd Owner, J. H. Seanor, New Alexandria.	Difference	(6-7-6)	+ 52	.0	- 3
BERKWOOD EMPEROR JOANNA RUBY 800639	5 daughters	6	12,403	3.4	420
Born, 9-19-38; proved, 8-7-47; dead; Pa.	5 dams	16	12,931	3.4	444
Sire, 723862; dam, 1759560.	Difference	(2-3-1)	-528	.0	-24
Herd Owner, Ray O. Collins, Crooked Creek.					
BESS WALKER BELMONT CASCADER 749001	5 daughters	6	13,299	3.5	469
Born, 6-13-37; proved, 8-29-47;----; Iowa.	5 dams	6	9,942	3.5	349
Sire, 706682; dam, 1028545.	Difference	(5-3-5)	+3,357	.0	+120
Owner, Minnesota Valley A. B. A., Minn.					
BOAST CASCADE 796429	14 daughters	20	8,931	3.4	307
Born, 8-27-39; proved, 8-20-47; dead; N. Y.	13 daughters	18	9,019	3.5	312
Sire, 756710; dam, 1799004.	13 dams	44	12,112	3.4	412
Herd Owner, Marvin H. Bly, Jamestown.	Difference	(1-11-0)	-3,093	+.1	-100
BONHEUR HOMESTEAD ORMSBY 805973	11 daughters	18	11,472	3.8	430
Born, 2-27-40; proved, 8-18-47;----; Wis.	11 dams	30	11,565	3.6	412
Sire, 732311; dam, 2019351.	Difference	(5-8-7)	- 93	+.2	+18
Herd Owner, Arthur L. Wagner, Cleveland.					
BRACKEL FARM INKA RAG APPLE HUGH 788724	32 daughters	39	11,820	3.3	392
Born, 8-26-39; proved, 8-25-47;----; N. Y.	19 daughters	23	11,614	3.3	380
Sire, 735114; dam, 1650514.	19 dams	31	11,249	3.3	375
Herd Owner, Leon Wales, Norwich.	Difference	(11-9-10)	+365	.0	+ 5
BROOKSY PAUL ADMIRAL 724812	7 daughters	10	12,042	3.6	431
Born, 8-12-35; proved, 8-12-47;----; Wis.	5 daughters	6	11,813	3.7	439
Sire, 620728; dam, 1166895.	5 dams	23	10,843	3.6	387
Herd Owner, Fred Pamperin, West Bend.	Difference	(4-4-4)	+970	+.1	+52
BURKE PONTIAC JOHANNA BOY 718680	11 daughters	26	11,299	3.7	415
Born, 6-8-35; proved, 8-12-47; dead; Pa.	9 daughters	19	11,571	3.7	423
Sire, 667351; dam, 1130957.	9 dams	29	11,584	3.3	385
Herd Owner, Ivo V. Otto, Carlisle.	Difference	(6-8-7)	- 13	+.4	+38
CALLAWAY AAGGIE EBONY 820040	13 daughters	13	13,782	3.4	468
Born, 6-3-40; proved, 8-22-47;----; Mo.	10 daughters	10	13,962	3.4	481
Sire, 697696; dam, 1678445.	10 dams	35	12,711	3.3	420
Herd Owner, Algoa Farms, Jefferson City.	Difference	(7-8-8)	+1,251	+.1	+61
CANARY PIETERTJE PIEBE FOBES 784048	11 daughters	14	12,721	3.3	419
Born, 4-20-38; proved, 8-14-47;----; Iowa.	6 daughters	9	12,714	3.2	410
Sire, 709167; dam, 1516073.	6 dams	22	8,664	3.8	328
Herd Owner, Schwartzhoff, German & Symond, Spring Grove, Minn.	Difference	(6-1-5)	+4,050	-.6	+82
CARNATION GOVERNOR MATADOR 729172	21 daughters	41	13,245	3.6	474
Born, 11-22-35; proved,8-28-47;----; N. Y.	12 daughters	28	14,832	3.6	536
Sire, 629472; dam, 1554598.	12 dams	18	12,537	3.3	410
Herd Owner, Peter Martens, Rockdale.	Difference	(9-11-9)	+2,295	+.3	+126
CARNATION HOMESTEAD INKA MAY 791202	9 daughters	14	10,378	3.4	358
Born, 1-21-40; proved, 8-13-47;----; Wash.	9 dams	29	12,411	3.5	429
Sire, 739010; dam, 1928841.	Difference	(2-7-2)	-2,033	-.1	-71
Herd Owner, J. H. Hulbert, Mount Vernon.					
CARNATION IMPERIAL GOVERNOR 754870	12 daughters	19	10,983	3.4	373
Born, 8-22-37; proved, 8-21-47; dead; Idaho.	7 daughters	13	10,913	3.4	371
Sire, 698462; dam, 1639595.	7 dams	14	11,782	3.4	397
Herd Owner, Mrs. Ethel McFarland, Meridian.	Difference	(3-5-3)	-869	.0	-26

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CARNATION IMPERIAL IDEAL 813170	5 daughters	6	17,218	3.8	659
Born, 11-19-40; proved, 8-4-47; alive; Wash.	5 dams	15	16,423	3.5	571
Sire, 698462; dam, 1840636.	Difference	(2-4-5)	+795	+.3	+88
Herd Owner, Gallacher & Son, Mount Vernon.					
CARNATION INKA MATADOR ORMSBY 743816	7 daughters	7	10,663	3.4	367
Born, 3-14-37; proved, 8-6-47; dead; Ohio.	7 dams	13	10,024	3.7	370
Sire, 396511; dam, 1379047.	Difference	(4-3-3)	+639	-.3	- 3
Herd Owner, J. B. Brooks, Rock Creek.					
CARNATION MUTUAL INKA MAY 739012	10 daughters	19	11,986	3.4	402
Born, 8-20-36; proved, 8-15-47;----; Kans.	5 daughters	8	12,406	3.4	422
Sire, 677084; dam, 1203350.	5 dams	16	11,636	3.5	412
Herd Owner, K. W. Phillips, Manhattan.	Difference	(3-2-2)	+770	-.1	+10
CARNATION ORMSBY KORNDYKE PIEBE 677062 *5	40 daughters	73	11,747	3.3	387
Born, 3-15-33; proved, 8-11-47;----; Minn.	30 daughters	50	11,803	3.3	388
Sire, 396511; dam, 1203377.	30 dams	76	10,775	3.4	363
Herd Owner, H. C. Anderson & Dr. Christopher Graham, Rochester.	Difference	(22-14-19)	+1,028	-.1	+25
CARTER STREET ONYX ECHO KING BESSIE 803038	9 daughters	13	10,263	3.2	332
Born, 1-12-39; proved, 8-21-47; dead; N. Y.	8 daughters	12	10,194	3.3	332
Sire, 701207; dam, 1704728.	8 dams	21	9,225	3.5	319
Herd Owner, Union Springs Academy, Union Springs.	Difference	(6-2-4)	+969	-.2	+13
CHERRYBOLD ADMIRAL CHIEFTAIN 796226	14 daughters	26	12,069	3.7	445
Born, 10-31-39; proved, 8-25-47;----; Wis.	9 daughters	15	11,922	3.7	438
Sire, 676723; dam, 1766063.	9 dams	30	13,534	3.5	471
Herd Owner, Walter F. Ochs, Cleveland.	Difference	(1-7-4)	-1,612	+.2	-33
CHERRY GROVE FOBES VEEMAN 802259	6 daughters	6	9,971	3.4	343
Born, 3-10-40; proved, 8-4-47;----; N. Y.	5 daughters	5	10,490	3.5	365
Sire, 747453; dam, 1913039.	5 dams	26	9,835	3.5	342
Herd Owner, Roy B. Lane, Franklinville.	Difference	(3-3-3)	+655	.0	+23
CHIEF PIEBE PRIDE GERBEN COLAN BOON 715360	10 daughters	17	12,352	3.6	442
Born, 1-6-35; proved, 8-25-47;----; Pa.	7 daughters	10	12,724	3.7	472
Sire, 444088; dam, 1379862.	7 dams	36	11,070	3.3	362
Herd Owner, Pennsylvania Training School, Morganza.	Difference	(6-7-7)	+1,654	+.4	+110
CLOVER HEIGHTS MAN-O-WAR FOBES 728405	11 daughters	28	12,418	3.4	421
Born, 2-26-36; proved, 8-25-47; dead; N. Y.	7 daughters	20	12,491	3.5	436
Sire, 672163; dam, 1507120.	7 dams	30	15,891	3.5	550
Herd Owner, Studer Brothers, Lyons.	Difference	(0-5-0)	-3,400	.0	-114
COLONY FLOOD PERFECTION 24TH 806442	11 daughters	11	12,780	3.3	417
Born, 10-15-39; proved, 8-15-47; dead; Ariz.	11 dams	28	12,389	3.1	386
Sire, 103450 CHB.; dam, 275265 CHB.	Difference	(7-10-7)	+391	+.2	+31
Herd Owner, H. A. Van Sant, Casa Grande.					
COLONY NETHERLAND PERFECTION 29TH 815854	5 daughters	7	12,791	3.8	489
Born, 3-13-40; proved, 8-4-47;----; Kans.	5 dams	15	12,106	4.0	480
Sire, 90161 CHB.; dam, 233118 CHB.	Difference	(2-2-2)	+685	-.2	+ 9
Herd Owner, Harvey Bechtelheimer, Sabetha.					
CONEWANGO CANDIDATE 782924	11 daughters	19	9,377	3.3	310
Born, 2-9-39; proved,8-14-47;----; Pa.	11 dams	31	9,752	3.4	331
Sire, 734510; dam, 1308769.	Difference	(4-6-6)	-375	-.1	-21
Herd Owner, North Warren State Hospital, Warren.					
CORNUCOPIA PIETJE RIGTJE ORMSBY 797944	9 daughters	17	9,703	3.8	374
Born, 10-28-38; proved, 8-13-47;----; Wis.	9 dams	50	10,254	4.1	420
Sire, 669721; dam, 1974332.	Difference	(3-3-3)	-551	-.3	-46
Herd Owner, Frederic Strutz, Two Rivers.					
CRAG VIEW MODEL SIR ROSE JOHANNA 793630	8 daughters	8	10,869	3.2	352
Born, 9-14-37; proved, 8-13-47;----; Calif.	8 dams	39	12,040	3.2	386
Sire, 652001; dam, 1179615.	Difference	(3-6-3)	-1,171	.0	-34
Herd Owner, Strever Curtis, Woodlake.					
DAD ACCRUE SEGIS JOLAN 581578 *5	23 daughters	49	9,381	3.6	340
Born, 5-19-28; proved, 8-22-47; dead; Ga.	20 daughters	45	9,831	3.6	357
Sire, 406093; dam, 818133.	20 dams	63	8,940	3.5	311
Herd Owner, Georgia Baptist Childrens Home, Hapeville.	Difference	(13-14-14)	+891	+.1	+46
DANNY HOMESTEAD EMBLEM 796949	9 daughters	18	10,129	3.5	356
Born, 1-18-39; proved, 8-13-47;----; Wis.	8 daughters	15	9,992	3.5	351
Sire, 714478; dam, 1761936.	8 dams	28	9,779	3.5	338
Herd Owner, John F. Golz & Son, Brooklyn.	Difference	(5-6-5)	+213	.0	+13
DEC KING BESSIE ORMSBY SENATOR 812854	6 daughters	6	12,900	3.7	476
Born, 11-1-40; proved, 8-1-47;----; Minn.	6 dams	13	11,484	3.4	391
Sire, 667791; dam, 1767923.	Difference	(4-5-5)	+1,416	+.3	+85
Herd Owner, Hazeltine Farm, Excelsior.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DE KOL POSCH CANARY 903109	5 daughters	5	10,565	3.7	389
Born, 12-5-40; proved, 8-12-47; ----; N. Y.	5 dams	16	11,970	3.6	436
Sire, 778866; dam, 1751567.	Difference	(1-3-1)	-1,405	+.1	-47
Herd Owner, Seely Roe, Chester.					
DICK COLANTHA SKYLARK 837154	9 daughters	13	10,815	3.5	377
Born, 3-13-40; proved, 8-7-47; ----; Wis.	9 dams	43	11,325	3.7	424
Sire, 556657; dam, 2121775.	Difference	(3-3-3)	-510	-.2	-47
Herd Owner, Daniel Heiny, Ladysmith.					
DICKMONT SIR AALTJE PONTIAC 821490	10 daughters	15	11,037	3.5	390
Born, 3-5-41; proved, 8-12-47; dead; N. J.	10 dams	40	11,596	3.4	393
Sire, 776372; dam, 1965508.	Difference	(2-7-3)	-559	+.1	- 3
Herd Owner, Mrs. O. L. Darnell, Medford.					
DIX PANSY MERCEDES 801208	9 daughters	12	12,120	3.5	423
Born, 11-29-39; proved, 8-20-47; ----; Wis.	9 dams	50	13,045	3.3	434
Sire, 695646; dam, 1492615.	Difference	(3-6-5)	-925	+.2	-11
Herd Owner, Harry Dix, Menomonie.					
DON DUKE VALE ORMSBY 780059	24 daughters	40	11,070	4.1	458
Born, 9-28-38; proved, 8-6-47; dead; Wis.	24 dams	129	12,108	3.7	448
Sire, 739638; dam, 1857196.	Difference	(8-22-16)	-1,038	+.4	+10
Herd Owner, Freeman L. Hanson, Chetek.					
DOURA FEMCO K S P JEWEL (TWIN) 781120	10 daughters	14	11,437	3.4	394
Born, 12-1-38; proved, 8-4-47; ----; Iowa.	7 daughters	9	11,630	3.5	403
Sire, 670926; dam, 1481138.	7 dams	27	9,527	3.3	312
Herd Owner, Elmer Hamann, Davenport.	Difference	(6-6-7)	+2,103	+.2	+91
DREAMLAND BOAST AERIAL 728065	13 daughters	27	8,166	3.6	292
Born, 6-10-36; proved, 8-25-47; ----; Pa.	6 daughters	9	7,850	3.6	280
Sire, 553545; dam, 1733687.	6 dams	17	9,545	3.7	351
Herd Owner, G. E. Frommeyer Estate, Chambersburg.	Difference	(1-3-1)	-1,695	-.1	-71
DUKE BESS NORA LAD 742139	7 daughters	14	9,734	3.6	346
Born, 7-15-36; proved, 8-4-47; ----; Iowa.	7 dams	25	9,922	3.5	347
Sire, 557997; dam, 1755413.	Difference	(3-3-4)	-188	+.1	- 1
Herd Owner, Willard Torgrim, Decorah.					
EASTERN AXWORTHY RUE 805464	6 daughters	14	12,608	3.3	421
Born, 4-26-39; proved, 8-15-47; ----; Ky.	5 daughters	11	12,543	3.3	417
Sire, 743937; dam, 1944994.	5 dams	17	13,748	3.3	457
Herd Owner, Eastern Kentucky State Teachers College, Richmond.	Difference	(2-3-2)	-1,205	.0	-40
ELMBROOK HENGERVELD IMPROVER 818651	11 daughters	11	10,019	3.5	351
Born, 9-9-40; proved, 8-11-47; dead; Pa.	9 daughters	9	10,120	3.5	356
Sire, 523804; dam, 1657860.	9 dams	22	10,763	3.5	382
Owner, First Pennsylvania Co-op. A. B. A.	Difference	(4-4-4)	-643	.0	-26
ELSAN JOHANNA KING AAGGIE (TWIN) 785100	11 daughters	22	10,741	3.6	388
Born, 3-4-39; proved, 8-14-47; ----; Iowa.	9 daughters	17	11,012	3.6	400
Sire, 589676; dam, 1795671.	9 dams	36	10,925	3.6	392
Herd Owner, Carl E. Santman, Dysart.	Difference	(5-7-5)	+ 87	.0	+ 8
EMMONSONS CARNATION FOBES 790945	5 daughters	9	13,230	3.3	434
Born, 6-2-39; proved, 8-4-47; ----; Mich.	5 dams	17	10,157	3.6	365
Sire, 722066; dam, 1828892.	Difference	(4-0-4)	+3,073	-.3	+69
Herd Owner, Dr. J. Stewart Hudson, Goodrich.					
EVERGREEN CARNATION ORMSBY 739296	7 daughters	9	8,396	3.4	289
Born, 2-25-37; proved, 8-6-47; dead; Vt.	6 daughters	8	8,518	3.5	294
Sire, 645363; dam, 1780374.	6 dams	29	9,275	3.5	324
Herd Owner, H. B. Huntley, Leicester Junction.	Difference	(3-2-3)	-757	.0	-30
FANYAN KORNDYKE RAG APPLE 829528	6 daughters	6	10,429	3.7	390
Born, 6-16-41; proved, 8-22-47; ----; N. Y.	5 daughters	5	10,399	3.8	394
Sire, 740852; dam, 1696198.	5 dams	16	11,535	3.7	428
Herd Owner, Leslie Fairchild, Oriskany Falls.	Difference	(2-4-3)	-1,136	+.1	-34
FANYAN SEGIS PONTIAC PRIDE 811353	7 daughters	9	12,810	3.6	455
Born, 12-3-40; proved, 8-7-47; dead; Vt.	7 dams	24	11,391	3.4	382
Sire, 777799; dam, 1970339.	Difference	(6-5-5)	+1,419	+.2	+73
Herd Owner, A. B. & W. A. Weeks, North Clarendon.					
FEMCO KING PONTIAC BESS 703951 *8	21 daughters	64	12,312	3.4	419
Born, 1-18-35; proved, 8-13-47; dead; Minn.	20 daughters	58	12,388	3.4	422
Sire, 652820; dam, 1111878.	20 dams	79	11,124	3.3	362
Herd Owner, Ralph & John Wayne, Ellendale.	Difference	(13-14-14)	+1,264	+.1	+60
FEMCO KORNDYKE SEGIS PIEBE 664801 *6	42 daughters	125	11,186	3.3	366
Born, 9-2-32; proved, 8-13-47; dead; Minn.	29 daughters	80	11,141	3.3	366
Sire, 471070; dam, 963092.	29 dams	76	10,052	3.4	339
Herd Owner, A. R. Swenson, Wells.	Difference	(21-18-19)	+1,089	-.1	+27

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FEMCO SIR BESSIE PEERLESS (TWIN) 763174 *10----------	25 daughters--	41	9,142	3.5	316
Born, 4-26-38; proved, 8-13-47; dead; Minn.	25 dams-------	89	10,949	3.4	378
Sire, 629473; dam, 1386679.	Difference----	(9-13-9)	-1,807	+.1	-62
Herd Owner, James C. Wayne, Ellendale.					
FERDINAND ZELDENRUST 783332----------	9 daughters---	13	9,026	3.4	306
Born, 6-22-39; proved, 8-15-47;----; Ill.	8 daughters---	12	9,009	3.4	310
Sire, 739857; dam, 1768972.	8 dams--------	27	8,114	3.8	309
Herd Owner, Klitzing Brothers, Altamont.	Difference----	(7-0-4)	+895	-.4	+ 1
FISHKILL AARON FEZ 806693----------	10 daughters--	11	6,716	3.6	239
Born, 5-17-40; proved, 8-20-47;----; N. Y.	10 dams-------	43	8,664	3.7	320
Sire, 704282; dam, 1874970.	Difference----	(1-5-1)	-1,948	-.1	-81
Herd Owner, M. K. Jenkins, Walton.					
FOBES ABBEKERK COLANTHA 848550----------	10 daughters--	20	11,870	3.5	415
Born, 11-10-38; proved, 8-22-47;----; N. Y.	9 daughters---	18	11,915	3.5	418
Sire, 739246; dam, 1636383.	9 dams--------	34	12,321	3.4	414
Herd Owner, Robert L. Scott & Son, Cherry Creek.	Difference----	(4-9-5)	-406	+.1	+ 4
F V D MAN-O-WAR PATRICIAN 730321----------	6 daughters---	16	10,076	3.5	351
Born, 2-29-36; proved, 8-25-47; dead; Ariz.	6 dams--------	28	10,141	3.5	353
Sire, 695159; dam, 1472824.	Difference----	(3-3-3)	- 65	.0	- 2
Herd Owner, Fairview Dairy Farm, Tucson.					
GRAND DUKE OF PINE TOP FARM 796929----------	12 daughters--	17	9,699	3.9	380
Born, 11-18-38; proved, 8-20-47;----; Iowa.	11 daughters--	15	9,594	4.0	380
Sire, 734018; dam, 1772736.	11 dams-------	29	11,125	3.7	412
Herd Owner, Paul McElmeel, Greeley.	Difference----	(4-8-4)	-1,531	+.3	-32
GRANVILLE DUKE INKA MAY 793924----------	7 daughters---	10	11,437	3.7	420
Born, 11-26-38; proved, 8-1-47;----; N. Y.	6 daughters---	9	10,937	3.6	399
Sire, 705137; dam, 1852698.	6 dams--------	16	10,117	3.8	389
Herd Owner, Edward E. Wade, Bainbridge.	Difference----	(4-3-3)	+820	-.2	+10
GREENWOOD QUALITY 779839----------	13 daughters--	25	10,300	3.3	344
Born, 3-26-39; proved, 8-26-47;----; Pa.	10 daughters--	18	10,238	3.4	343
Sire, 709440; dam, 1961061.	10 dams-------	43	11,280	3.3	377
Herd Owner, John L. Wise, Harmony.	Difference----	(2-4-3)	-1,042	+.1	-34
GROMOR NUDINE ANNA GREAT 830978----------	6 daughters---	7	12,784	3.6	459
Born, 11-6-39; proved, 8-18-47; dead; N. Y.	5 daughters---	6	12,791	3.6	455
Sire, 731349; dam, 1825961.	5 dams--------	21	12,071	3.7	449
Herd Owner, Norwood F. Burtless, Port Byron.	Difference----	(3-2-3)	+720	-.1	+ 6
HAWTHORN DICTATOR COLONEL 813290----------	7 daughters---	7	10,566	3.3	347
Born, 8-11-40; proved, 8-4-47;----; Minn.	7 dams--------	19	9,158	3.7	338
Sire, 759581; dam, 1975892.	Difference----	(4-1-4)	+1,408	-.4	+ 9
Herd Owner, C. H. Mueller & Sons, Lewiston.					
HENRY FARM SIR COLANTHUS ORMSBY 798166----------	9 daughters---	10	12,023	3.4	409
Born, 1-11-40; proved, 8-7-47;----; Colo.	9 dams--------	20	13,123	3.7	484
Sire, 758411; dam, 1832520.	Difference----	(4-2-2)	-1,100	-.3	-75
Herd Owner, Colorado State College, Fort Collins.					
HOPE VALLEY KING LILY 823478----------	5 daughters---	8	11,853	3.7	443
Born, 5-28-39; proved, 8-18-47; dead; Ill.	5 dams--------	18	11,924	3.5	421
Sire, 725661; dam, 1832300.	Difference----	(2-4-2)	- 71	+.2	+22
Herd Owner, Henry Bergmann, Bartelso.					
HOPE VIEW FOBES ASPIRANT 811852----------	8 daughters---	10	13,581	3.7	498
Born, 2-2-40; proved, 8-20-47;----; Iowa.	8 dams--------	41	14,094	3.5	490
Sire, 701072; dam, 1711926.	Difference----	(4-6-4)	-513	+.2	+ 8
Herd Owner, Roy N. Finster, Eldora.					
IDEAL POSCH HERO 817075----------	6 daughters---	6	8,848	3.6	322
Born, 10-23-40; proved, 8-12-47;----; N. Y.	5 daughters---	5	8,621	3.7	318
Sire, 565375; dam, 1989157.	5 dams--------	14	9,810	3.6	348
Herd Owner, Maynard Farber, Herkimer.	Difference----	(3-4-3)	-1,189	+.1	-30
INDIAN OPENING PIETJE INKA FAYNE 712332----------	19 daughters--	45	11,319	3.4	389
Born, 11-11-34; proved, 8-28-47;----; N. Y.	5 daughters---	11	12,775	3.5	443
Sire, 653856; dam, 1491418.	5 dams--------	10	11,441	3.3	373
Herd Owner, I. W. Scott & Sons, Hamilton.	Difference----	(3-4-3)	+1,334	+.2	+70
IONIA K B K O ONA FAYNE KORNDYKE 800110----------	10 daughters--	19	14,862	3.5	522
Born, 11-5-39; proved, 8-7-47; dead; Mich.	10 dams-------	26	13,097	3.5	465
Sire, 574194; dam, 1868538.	Difference----	(6-5-5)	+1,765	.0	+57
Herd Owner, G. Ed. Peterson, Orleans.					
JOE INKA MOOIE 780827----------	9 daughters---	11	9,677	3.7	363
Born, 5-25-39; proved, 8-4-47; dead; Pa.	9 dams--------	37	8,665	3.6	316
Sire, 651573; dam, 1565204.	Difference----	(8-6-8)	+1,012	+.1	+47
Herd Owner, J. Roy Runkle, Stewartstown.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
JOHANNA KING WALKUP 790066	6 daughters	12	10,580	3.7	389
Born, 2-12-39; proved, 8-14-47; dead; Va.	6 dams	25	12,323	3.5	425
Sire, 676349; dam, 1735051.	Difference	(1-6-1)	-1,743	+.2	-36
Herd Owner, J. O. Beard, Linville.					
JUDGE KUMAR ORMSBY 777216	7 daughters	7	7,786	3.8	292
Born, 8-21-38; proved, 8-14-47;----; Minn.	6 daughters	6	7,947	3.8	299
Sire, 695217; dam, 1459196.	6 dams	13	9,782	3.4	328
Herd Owner, Clarence J. Welter, New Prague.	Difference	(1-6-1)	-1,835	+.4	-29
JULE KING FOBES 789081	10 daughters	14	11,887	3.6	430
Born, 1-12-39; proved, 8-20-47;----; Wis.	9 daughters	13	12,038	3.6	432
Sire, 751955; dam, 1606289.	9 dams	20	12,601	3.6	458
Herd Owner, Allen Hetts, Fort Atkinson.	Difference	(3-3-5)	-563	.0	-26
JUNIUS COUNT 714185	11 daughters	13	11,738	3.6	421
Born, 3-2-35; proved, 8-15-47;----; Minn.	7 daughters	9	13,531	3.6	485
Sire, 630353; dam, 1460450.	7 dams	15	11,411	3.5	403
Herd Owner, St. Mary's College, Winona.	Difference	(7-3-6)	+2,120	+.1	+82
JUSTICE GOVERNOR 811464	19 daughters	23	7,686	3.5	267
Born, 8-11-37; proved, 8-21-47;----; Ga.	18 daughters	22	7,742	3.5	268
Sire, 705166; dam, 1403113.	18 dams	38	8,599	3.4	297
Herd Owner, Georgia Baptist Childrens Home, Hapeville.	Difference	(6-10-8)	-857	+.1	-29
KING BESSIE KORNDYKE ORMSBY 14TH 667791 *4	26 daughters	77	11,986	3.6	432
Born, 12-2-32; proved, 8-18-47; dead; Iowa.	18 daughters	53	12,043	3.6	436
Sire, 574194; dam, 1435039.	18 dams	52	11,606	3.5	407
Owner, Central Minnesota A. B. A., Minn.	Difference	(10-12-9)	+437	+.1	+29
KING BESSIE ORMSBY PIEBE FEMCO 797723	8 daughters	9	14,548	3.4	495
Born, 3-20-39; proved, 8-4-47; dead; N. Y.	7 daughters	8	14,346	3.4	493
Sire, 676487; dam, 1671384.	7 dams	18	13,670	3.4	466
Herd Owner, Charles D. Anken & Son, Rome.	Difference	(5-4-5)	+676	.0	+27
KING BESSIE PET 18TH 794352	13 daughters	29	11,616	3.5	404
Born, 6-15-39; proved, 8-13-47;----; N. Y.	13 dams	69	11,498	3.4	391
Sire, 691318; dam, 1964864.	Difference	(7-9-7)	+118	+.1	+13
Herd Owner, George H. & Clark Ames, De Peyster.					
KING BESSIE PLUS 20TH 711328	9 daughters	19	12,993	3.4	438
Born, 4-10-35; proved, 8-13-47;----; Pa.	9 dams	35	12,544	3.5	436
Sire, 674118; dam, 1627250.	Difference	(6-2-6)	+449	-.1	+ 2
Herd Owner, I. O. O. F. Home, Grove City.					
KING BESSIE RUBY 711321	10 daughters	13	10,105	3.3	333
Born, 2-9-35; proved, 8-20-47;----; Wis.	6 daughters	9	9,799	3.2	314
Sire, 520107; dam, 1431308.	6 dams	14	10,765	3.5	374
Herd Owner, Dave M. Korf, Kenosha.	Difference	(3-1-1)	-966	-.3	-60
KING BESSIE SENATOR FOBES SEGIS 796737	12 daughters	14	11,562	3.4	389
Born, 8-28-39; proved, 8-4-47;----; Wis.	12 dams	48	14,244	3.4	485
Sire, 741205; dam, 1263934.	Difference	(1-7-2)	-2,682	.0	-96
Herd Owner, Paul W. Langenfeld, Malone.					
KING CARNATION COLANTHA ORMSBY 800757	6 daughters	9	10,824	3.3	359
Born, 7-13-35; proved, 8-4-47; dead; Pa.	6 dams	15	12,142	3.5	421
Sire, 659870; dam, 1546450.	Difference	(2-2-1)	-1,318	-.2	-62
Herd Owner, Wilbur A. Hoch, Carlisle.					
KING HIGHPATH BRAX WAYNE MOLLIE 780696	10 daughters	14	11,120	3.7	414
Born, 9-15-38; proved, 8-11-47;----; Minn.	9 daughters	12	10,837	3.8	411
Sire, 731051; dam, 1748481.	9 dams	24	11,494	3.8	442
Herd Owner, Earl Eichler, Foley.	Difference	(3-5-3)	-657	.0	-31
KING LOYAL ONA MADAKERK 804227	8 daughters	11	10,404	3.6	376
Born, 9-2-39; proved, 8-7-47;----; Pa.	8 dams	42	10,893	3.5	380
Sire, 650485; dam, 1920323.	Difference	(2-7-4)	-489	+.1	- 4
Herd Owner, Mrs. T. M. Kresge, Falls.					
KING ORMSBY BURKE SKYLARK 797453	6 daughters	7	12,550	3.2	398
Born, 1-7-40; proved, 8-1-47;----; Wis.	6 dams	29	11,955	3.6	425
Sire, 745888; dam, 1710828.	Difference	(3-0-2)	+595	-.4	-27
Herd Owner, Robert Byrnes, Fond du Lac.					
KING ORMSBY PIEBE PONTIAC BEETS 710181	16 daughters	49	10,507	3.2	338
Born, 5-26-35; proved, 8-12-47;----; Pa.	11 daughters	35	10,942	3.2	354
Sire, 688113; dam, 1757492.	11 dams	24	11,749	3.5	409
Herd Owner, Bridges & Welch, Burgettstown.	Difference	(5-1-4)	-807	-.3	-55
KING PLUM PIEBE LYONS 710474	5 daughters	14	9,883	3.5	347
Born, 8-27-34; proved, 8-25-47;----; Pa.	5 dams	25	11,317	3.5	396
Sire, 664566; dam, 1443225.	Difference	(1-2-1)	-1,434	.0	-49
Herd Owner, Andrew C. Rockey, Bellefonte.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KING PONTIAC ORMSBY ONA HARTOG 777682----------	6 daughters---	13	8,939	3.4	308
Born, 1-6-39; proved, 8-11-47;----; Pa.	5 daughters---	11	8,984	3.4	305
Sire, 718626; dam, 1715005.	5 dams--------	16	9,574	3.5	333
Herd Owner, D. P. Ifft & Son, Butler.	Difference----	(2-2-1)	-590	-.1	-28
KING SUSIE 796133----------	10 daughters--	18	10,799	3.5	382
Born, 1-19-40; proved, 8-7-47;----; N. Y.	9 daughters---	17	10,779	3.5	379
Sire, 621299; dam, 1640992.	9 dams--------	19	11,998	3.3	397
Herd Owner, Glen I. Lyman, Munnsville.	Difference----	(2-8-3)	-1,219	+.2	-18
KING TRITOMIA MERCEDES INKA 804128----------	6 daughters---	10	10,133	3.6	367
Born, 9-22-39; proved, 8-20-47;----; Iowa.	6 dams--------	27	10,180	3.5	354
Sire, 708717; dam, 1769563.	Difference----	(2-4-3)	- 47	+.1	+13
Herd Owner, Leland Reiss, Center Point.					
KING VEVIE WINTERTHUR KOLANTHA 786383----------	9 daughters---	13	12,273	3.5	423
Born, 5-3-38; proved, 8-26-47;----; Wis.	9 dams--------	24	12,840	3.5	449
Sire, 610009; dam, 1804892.	Difference----	(4-4-4)	-567	.0	-26
Herd Owner, Biehn Brothers, Union Grove.					
KIRKPATRICK GENE 819002----------	13 daughters--	16	12,647	3.7	464
Born, 10-16-40; proved, 8-13-47;----; Pa.	12 daughters--	15	12,635	3.7	467
Sire, 643943; dam, 1792913.	12 dams-------	43	10,648	3.6	386
Herd Owner, William R. Brown, Delta.	Difference----	(8-9-10)	+1,987	+.1	+81
KITZDALE MERCEDES PIEBE FAYNE 804455----------	5 daughters---	7	11,271	3.5	391
Born, 1-18-40; proved, 8-4-47; dead; Pa.	5 dams--------	7	10,925	3.4	375
Sire, 736973; dam, 1886680.	Difference----	(2-4-2)	+346	+.1	+16
Herd Owner, Fred L. Heberlig, Newburg.					
KOOIBTRA COMMANDER 782140----------	11 daughters--	14	12,220	3.4	417
Born, 2-22-39; proved, 8-4-47; dead; Wash.	9 daughters---	11	12,385	3.4	423
Sire, 778201; dam, 1350593.	9 dams--------	12	11,917	3.6	424
Herd Owner, Jacob Kooy, Ellensburg.	Difference----	(4-2-3)	+468	-.2	- 1
LAKEFIELD PEERLESS 800374----------	9 daughters---	9	9,278	3.5	322
Born, 12-28-39; proved, 8-1-47;----; Mich.	8 daughters---	8	9,178	3.5	320
Sire, 693382; dam, 1610462.	8 dams--------	25	11,133	3.3	372
Herd Owner, Huron Co. Farm, Bad Axe.	Difference----	(0-6-1)	-1,955	+.2	-52
LAUXMONT ADMIRAL SPECIALIST 741331----------	18 daughters--	42	8,086	3.7	298
Born, 2-27-37; proved, 8-6-47; dead; Pa.	16 daughters--	38	8,098	3.7	298
Sire, 696612; dam, 1701583.	16 dams-------	75	10,301	3.4	347
Herd Owner, St. Vincent Archabbey, Latrobe.	Difference----	(2-15-3)	-2,203	+.3	-49
LAUXMONT ADRODELLA MATADOR 800450----------	10 daughters--	17	9,901	3.3	328
Born, 3-7-40; proved, 8-1-47;----; N. Y.	10 dams-------	28	10,926	3.2	353
Sire, 759621; dam, 1974577.	Difference----	(4-8-3)	-1,025	+.1	-25
Herd Owner, James H. Dickson, Delhi.					
LAUXMONT RAG APPLE GOLD BAND 749060----------	5 daughters---	11	8,382	3.4	285
Born, 6-24-37; proved, 8-13-47; dead; Pa.	5 dams--------	24	10,074	3.5	356
Sire, 695000; dam, 1598266.	Difference----	(0-2-0)	-1,692	-.1	-71
Herd Owner, St. Vincent Archabbey,Latrobe.					
LAUXMONT SAFEMASTER HIGH POINT 807477----------	7 daughters---	10	10,591	3.7	390
Born, 7-28-40; proved, 8-4-47;----; Pa.	7 dams--------	39	12,642	3.6	455
Sire, 751642; dam, 1909141.	Difference----	(2-5-1)	-2,051	+.1	-65
Herd Owner, Andrew C. Rockey, Howard.					
LINCOLN-SIDE SIR MATADOR COLANTHA 790075----------	7 daughters---	9	10,212	3.5	353
Born, 6-6-38; proved, 8-14-47; dead; Ill.	6 daughters---	8	9,845	3.5	340
Sire, 699345; dam, 2091875.	6 dams--------	20	12,158	3.3	397
Herd Owner, Orin Rimsnider, Hinckley.	Difference----	(1-5-2)	-2,313	+.2	-57
LOUDEN HILL ORMSBY LYONS 779071----------	9 daughters---	17	11,207	3.4	384
Born, 4-16-39; proved, 8-18-47;----; Pa.	6 daughters---	11	11,524	3.4	397
Sire, 748624; dam, 1655685.	6 dams--------	14	12,023	3.5	426
Herd Owner, George Heitsman, Springville.	Difference----	(2-3-1)	-499	-.1	-29
MAC INKA PIEBE 790491----------	6 daughters---	8	10,229	3.3	334
Born, 7-23-39; proved, 8-4-47; dead; Pa.	6 dams--------	20	13,111	3.3	439
Sire, 710232; dam, 1626457.	Difference----	(0-2-0)	-2,882	.0	-105
Herd Owner, Mrs. Sarah L. Walworth, New Milford.					
MALLARY FARM MAD ANTHONY FAYNE 785713----------	15 daughters--	20	12,074	3.5	424
Born, 5-1-39; proved, 8-4-47;----; Vt.	13 daughters--	16	12,139	3.5	426
Sire, 744119; dam, 1565006.	13 dams-------	47	14,325	3.3	470
Herd Owner, John K. Howe, Tunbridge.	Difference----	(0-12-2)	-2,186	+.2	-44
MALTA CORNER GOVERNOR 859244----------	6 daughters---	11	11,977	3.6	436
Born, 1-12-40; proved, 8-18-47;----; Iowa.	6 dams--------	27	10,818	3.6	386
Sire, 734302; dam, 2093538.	Difference----	(5-4-5)	+1,159	.0	+50
Herd Owner, L. W. Troxel, State Center.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAPLE LANE DUTCH ORMSBY 806687----------	13 daughters--	14	12,294	3.7	459
Born, 12-27-39; proved, 8-22-47; dead; N. Y.	10 daughters--	10	12,279	3.7	458
Sire, 766843; dam, 1854378.	10 dams-------	45	13,211	3.6	480
Herd Owner, Allen F. Hand, Greenwich.	Difference----	(3-8-5)	-932	+.1	-22
MASTERPIECE MODEL MARATHON 796478----------	7 daughters---	10	12,811	3.4	439
Born, 1-2-39; proved, 8-20-47;----; Mich.	6 daughters---	9	12,331	3.4	414
Sire, 741503; dam, 1836926.	6 dams--------	20	14,780	3.4	504
Herd Owner, G. Ed. Peterson, Orleans.	Difference----	(0-3-0)	-2,449	.0	-90
MAYOWOOD MAN-O-WAR A 774517----------	6 daughters---	10	12,137	3.5	429
Born, 2-3-39; proved, 8-4-47;----; Minn.	5 daughters---	9	11,963	3.6	425
Sire, 705109; dam, 1759247.	5 dams--------	23	11,341	3.7	419
Herd Owner, Rudolph C. Mohr, Pine Island.	Difference----	(4-3-3)	+622	-.1	+ 6
MOKWA SIR ORMSBY FOBES 775708----------	13 daughters--	26	13,366	3.3	440
Born, 1-26-38; proved, 8-21-47;----; Minn.	13 dams-------	59	10,872	3.3	364
Sire, 729190; dam, 1332767.	Difference----	(10-6-10)	+2,494	.0	+76
Herd Owner, Roosevelt Ditlevson, Blooming Prairie.					
MONTVIC RAG APPLE GLADIATOR 827071----------	15 daughters--	18	11,533	3.8	443
Born, 11-11-39; proved, 8-15-47;----; Vt.	13 daughters--	16	11,399	3.9	444
Sire, 115346 CHB.; dam, 385645 CHB.	13 dams-------	80	12,711	3.8	486
Herd Owner, John B. C. Tyler & Sons, West Newbury.	Difference----	(4-9-4)	-1,312	+.1	-42
MOUNTAIN ASH ADMIRAL CAPTAIN 789162----------	10 daughters--	11	10,828	3.5	381
Born, 4-2-39; proved, 8-20-47;----; Wis.	6 daughters---	6	10,469	3.4	357
Sire, 688762; dam, 1976345.	6 dams--------	15	10,966	3.5	383
Herd Owner, Sheboygan County Hospital, Sheboygan.	Difference----	(3-3-2)	-497	-.1	-26
N J E S CHIEF ORMSBY SANDRA FANCY 724814----------	8 daughters---	16	12,762	3.6	455
Born, 4-10-36; proved, 8-25-47; dead; N. Y.	6 daughters---	13	12,938	3.6	464
Sire, 675841; dam, 1625178.	6 dams--------	15	12,710	3.4	433
Herd Owner, N. Y. State Agricultural & Technical Institute, Morrisville.	Difference----	(4-5-5)	+228	+.2	+31
N J E S EXCELSIOR DARKIE HONOR 801317----------	11 daughters--	12	9,281	3.4	319
Born, 10-5-38; proved, 8-4-47; dead; Vt.	10 daughters--	11	9,433	3.5	326
Sire, 724272; dam, 1709709.	10 dams-------	28	10,737	3.8	408
Herd Owner, Maurice S. Johnson, Weybridge.	Difference----	(2-1-1)	-1,304	-.3	-82
N J S H T DE KOL ORMSBY 818722----------	18 daughters--	30	10,599	3.2	343
Born, 7-19-38; proved, 8-18-47; dead; N. J.	17 daughters--	28	10,477	3.3	342
Sire, 710957; dam, 1327830.	17 dams-------	67	11,021	3.3	364
Herd Owner, New Jersey State Hospital, Trenton.	Difference----	(7-9-8)	-544	.0	-22
N S H MOSE QUINRAY JUDGE ESTATE 794057----------	5 daughters---	10	10,788	3.5	376
Born, 12-22-39; proved, 8-4-47; dead; Nebr.	5 dams--------	20	11,799	3.5	409
Sire, 693447; dam, 1722975.	Difference----	(2-3-1)	-1,011	.0	-33
Herd Owner, State Board of Control, Lincoln.					
OOSTIE CASCADE HOESLY TUEBIE 813790----------	7 daughters---	7	12,721	3.4	438
Born, 10-3-40; proved, 8-4-47;----; Wis.	7 dams--------	18	12,340	3.4	425
Sire, 723295; dam, 1941761.	Difference----	(4-4-3)	+381	.0	+13
Herd Owner, Joe Schwarzenberger, Monroe.					
ORMSBY FOBES PAUL 706109----------	16 daughters--	42	14,152	3.6	504
Born, 9-23-34; proved, 8-21-47;----; Pa.	9 daughters---	25	13,618	3.6	493
Sire, 671272; dam, 1466227.	9 dams--------	33	11,721	3.3	388
Herd Owner, Joseph W. Hallowell, Ivyland.	Difference----	(6-8-8)	+1,897	+.3	+105
ORMSBY LAIRD 788800----------	7 daughters---	10	11,902	3.4	408
Born, 8-23-37; proved, 8-6-47;----; Ill.	7 dams--------	10	8,329	3.4	286
Sire, 691864; dam, 1684098.	Difference----	(7-2-6)	+3,573	.0	+122
Herd Owner, Elbert E. Elsbury, Gurnee.					
OSBORNDALE TOVARICH SIR RAG APPLE 845618----------	15 daughters--	15	11,498	3.5	407
Born, 4-22-41; proved, 8-11-47;----; Wis.	13 daughters--	13	11,505	3.5	406
Sire, 760642; dam, 1792374.	13 dams-------	33	12,513	3.6	445
Herd Owner, Ed. C. Wippermann, Sheboygan.	Difference----	(4-8-4)	-1,008	-.1	-39
OUTLET STAR VALDESSA BELLE 804091----------	6 daughters---	6	9,854	3.5	347
Born, 9-1-39; proved, 8-4-47; dead; Pa.	5 daughters---	5	9,756	3.5	343
Sire, 729317; dam, 1652948.	5 dams--------	13	9,611	3.6	342
Herd Owner, Stephen Quackenbush, Jr., Clarks Summit.	Difference----	(3-2-3)	+145	-.1	+ 1
PABST BARTA BELCORN 819290----------	8 daughters---	10	12,222	3.5	425
Born, 2-27-41; proved, 8-22-47;----; Wis.	8 dams--------	38	13,102	3.5	460
Sire, 761980; dam, 2014514.	Difference----	(3-4-3)	-880	.0	-35
Herd Owner, Albert Immel & Son, Fond du Lac.					
PARAMOUNT ORMSBY PIEBE BURKE 811052----------	5 daughters---	6	12,244	3.9	479
Born, 12-6-40; proved, 8-13-47;----; Minn.	5 dams--------	9	9,623	3.5	335
Sire, 768549; dam, 1997762.	Difference----	(5-5-5)	+2,621	+.4	+144
Herd Owner, J. E. Korsten, Zumbrota.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PAWNEE COLANTHA PRIDE 899876	6 daughters	10	10,769	3.6	387
Born, 11-10-38; proved, 8-22-47; ; Kans.	6 dams	9	10,863	3.9	427
Sire, 745005; dam, 1961335.	Difference	(3-1-2)	- 94	-.3	-40
Herd Owner, Joe Gillilan & Son, Republic.					
PESTER TRITOMIA WALKER PRINCE 718957	5 daughters	8	12,641	3.5	441
Born, 3-5-35; proved, 8-28-47; ; Wis.	5 dams	13	10,509	3.5	364
Sire, 635896; dam, 1525975.	Difference	(5-3-5)	+2,132	.0	+77
Herd Owner, George Dodge, Avalon.					
PIEBE GERBEN ORMSBY SENSATION 780820	10 daughters	13	9,010	3.6	323
Born, 9-28-38; proved, 8-4-47; alive; Va.	9 daughters	11	8,959	3.6	319
Sire, 709889; dam, 1793072.	9 dams	35	9,912	3.5	351
Herd Owner, J. W. Layman, Cloverdale.	Difference	(3-6-3)	-953	+.1	-32
PIERCE SKIDMORE JEWEL DOUGLAS 794917	7 daughters	9	10,709	3.2	346
Born, 9-28-38; proved, 8-1-47; ; Wis.	6 daughters	8	11,122	3.2	359
Sire, 706504; dam, 1950457.	6 dams	19	10,932	3.4	370
Herd Owner, Willis R. Waterworth, Fall River.	Difference	(2-2-2)	+190	-.2	-11
PINEHARD OLIVER GERBEN PRINCE 798711	14 daughters	21	11,329	3.2	365
Born, 3-14-40; proved, 8-22-47; ; Pa.	14 dams	50	11,486	3.2	371
Sire, 689074; dam, 1724663.	Difference	(5-8-6)	-157	.0	- 6
Herd Owner, R. C. Lemon & Son, Saltsburg.					
PODONQUE OLLIE HOMESTEAD AAGGIE 801195	10 daughters	13	10,133	3.8	383
Born, 2-28-40; proved, 8-20-47; dead; N. Y.	6 daughters	8	10,692	3.7	400
Sire, 771770; dam, 1825001.	6 dams	20	10,778	3.5	375
Herd Owner, Robert Ellis, Hornell.	Difference	(4-6-4)	- 86	+.2	+25
PRINCE KORNDYKE ORMSBY FOBES BURKE 848965	5 daughters	9	6,907	3.4	238
Born, 3-31-38; proved, 8-1-47; ; Wis.	5 dams	17	7,589	3.4	261
Sire, 710098; dam, 2311267.	Difference	(1-3-2)	-682	.0	-23
Herd Owner, Eckstein Brothers, Oshkosh.					
PRINCE ORMSBY OLLIE FOBES 770224	11 daughters	21	11,194	3.8	422
Born, 2-17-38; proved, 8-14-47; ; Wis.	9 daughters	19	10,949	3.8	415
Sire, 690003; dam, 1568491.	9 dams	47	12,422	3.5	440
Herd Owner, M. R. Knichel, Campbellsport.	Difference	(1-7-3)	-1,473	+.3	-25
PRINCE PEERLESS POSCH 767234	11 daughters	25	11,910	3.3	392
Born, 5-27-38; proved, 8-15-47; ; N. Y.	5 daughters	7	11,757	3.3	393
Sire, 715568; dam, 1570760.	5 dams	11	12,193	3.3	399
Herd Owner, Wilcox Homestead Farms, Smyrna.	Difference	(2-4-3)	+436	.0	- 6
RAG APPLE MONTVIC CHIEFTAIN 820933	8 daughters	13	10,897	3.6	389
Born, 11-6-40; proved, 8-22-47; ; Ill.	8 dams	19	11,462	3.7	422
Sire, 772605; dam, 1771011.	Difference	(2-3-3)	-565	-.1	-33
Herd Owner, Oatman Farm, Dundee.					
RAINBOW CAPTAIN BOLD 822580	8 daughters	10	15,770	3.7	578
Born, 10-18-40; proved, 8-22-47; ; Mich.	6 daughters	8	15,839	3.7	582
Sire, 660180; dam, 1447882.	6 dams	22	14,541	3.5	504
Herd Owner, L. D. Coffey, Fowlerville.	Difference	(4-5-4)	+1,298	+.2	+78
REDFIELD MODEL SEGIS KING 769334	7 daughters	9	9,089	3.3	299
Born, 11-4-38; proved, 8-21-47; dead; Minn.	7 dams	11	11,942	3.2	378
Sire, 726873; dam, 1206268.	Difference	(3-5-1)	-2,853	+.1	-79
Herd Owner, Moose Lake State Hospital, Moose Lake.					
REFORMATORY MARATHON SENSATION 728694	8 daughters	15	11,059	3.4	377
Born, 8-3-35; proved, 8-15-47; ; Mich.	6 daughters	11	10,324	3.5	358
Sire, 675183; dam, 1520283.	6 dams	6	10,422	3.5	360
Herd Owner, Clayton Redman, Alma.	Difference	(2-4-2)	- 98	.0	- 2
REFORMATORY PRINCE CALAMITY 798494	9 daughters	11	12,121	3.2	391
Born, 7-29-39; proved, 8-21-47; ; Mich.	7 daughters	8	11,636	3.3	382
Sire, 744578; dam, 1778424.	7 dams	12	11,995	3.1	373
Herd Owner, George Murton & Son, St. Johns.	Difference	(3-6-4)	-359	+.2	+ 9
RIDGEDALE KING VAN 768959	13 daughters	21	10,597	3.3	346
Born, 11-1-38; proved, 8-25-47; dead; N. J.	10 daughters	16	11,122	3.2	360
Sire, 717355; dam, 1614675.	10 dams	25	11,049	3.4	370
Herd Owner, Bellemead Sanatorium, Bellemead.	Difference	(6-2-4)	+ 73	-.2	-10
RIVERFLAT PEARL LAD 775449	24 daughters	36	10,963	3.4	369
Born, 9-26-38; proved, 8-25-47; dead; N. Y.	11 daughters	18	11,749	3.4	399
Sire, 640077; dam, 1615370.	11 dams	24	10,756	3.4	366
Herd Owner, E. P. Smith, Sherburne.	Difference	(5-6-5)	+993	.0	+33
RIVERMEAD STAR MAYME 729305	14 daughters	27	10,301	3.2	335
Born, 7-2-35; proved, 8-6-47; ; Pa.	5 daughters	10	9,854	3.1	304
Sire, 535117; dam, 1622944.	5 dams	10	11,166	3.1	343
Herd Owner, William Arnold, Montrose.	Difference	(1-2-1)	-1,312	.0	-39

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ROCK RIVER HENGERVELD AL 664525 *5	44 daughters	133	13,226	3.6	479
Born, 12-22-31; proved, 5-23-47; dead; Mo.	43 daughters	132	13,205	3.6	478
Sire, 374618; dam, 1343662.	43 dams	229	12,572	3.4	426
Herd Owner, Clyde Hill Farm, Clyde.	Difference	(25-40-32)	+633	+.2	+52
ROLLING KNOLL PATRIARCH LUCIFER 793138	10 daughters	23	9,492	3.7	350
Born, 10-20-39; proved, 8-13-47;----; Md.	6 daughters	15	9,720	3.8	369
Sire, 730361; dam, 1812250.	6 dams	13	10,151	3.5	356
Herd Owner, Maurice S. Ahalt, Middletown.	Difference	(4-4-4)	-431	+.3	+13
RONDOUT MILLARD 823605	6 daughters	9	11,018	3.3	366
Born, 10-31-40; proved, 8-12-47;----; N. Y.	6 dams	14	11,153	3.4	375
Sire, 755400; dam, 1876461.	Difference	(3-4-4)	-135	-.1	- 9
Herd Owner, William Anderson, Accord.					
SEGIS INKA KORNDYKE ORMSBY 771548	15 daughters	24	9,789	3.4	332
Born, 3-1-38; proved, 8-22-47; dead; N. Y.	7 daughters	11	9,478	3.4	321
Sire, 677091; dam, 1011937.	7 dams	12	9,185	3.4	308
Herd Owner, Raymond E. Davis, Morrisville.	Difference	(5-6-5)	+293	.0	+13
SENATOR POSCH MOLLIE HOMESTEAD 826502	5 daughters	9	8,843	3.4	302
Born, 5-11-41; proved, 8-13-47;----; Iowa.	5 dams	12	8,545	3.4	294
Sire, 781038; dam, 1628052.	Difference	(3-2-3)	+298	.0	+ 8
Herd Owner, Walter Thomas, Cambridge.					
SIR BELMONT CASCADE PABST 807162	11 daughters	14	9,912	3.8	379
Born, 1-24-40; proved, 8-12-47; alive; Va.	10 daughters	13	9,846	3.8	378
Sire, 748392; dam, 1625184.	10 dams	41	9,575	3.6	346
Herd Owner, F. W. McComb, Bluemont.	Difference	(6-8-7)	+271	+.2	+32
SIR CANARY DESIGN 784779	9 daughters	9	12,623	3.7	466
Born, 10-20-39; proved, 8-11-47;----; N. Y.	5 daughters	5	11,508	3.7	430
Sire, 738106; dam, 1659926.	5 dams	22	10,297	3.7	382
Herd Owner, Albert C. Bristol, Copake.	Difference	(3-3-3)	+1,211	.0	+48
SIR CORNFLOWER PABST PONTIAC SEGIS 784038	9 daughters	13	10,277	3.7	378
Born, 11-20-38; proved, 8-1-47; dead; Pa.	7 daughters	10	9,864	3.7	368
Sire, 704747; dam, 1507661.	7 dams	28	11,512	3.5	400
Herd Owner, Mrs. Howard Bieler, East Greenville.	Difference	(2-6-2)	-1,648	+.2	-32
SIR DANDY JIM 715293	9 daughters	10	10,336	3.6	371
Born, 11-2-35; proved, 8-14-47;----; Pa.	8 daughters	9	10,401	3.6	372
Sire, 625555; dam, 1429732.	8 dams	30	11,049	3.4	381
Herd Owner, B. F. Taylor, Lynn.	Difference	(2-6-2)	-648	+.2	- 9
SIR DARLYNE PET BESSIE 782167	14 daughters	21	11,561	3.5	405
Born, 3-12-39; proved, 8-6-47;----; Wis.	13 daughters	20	11,396	3.5	398
Sire, 754417; dam, 1659501.	13 dams	67	10,588	3.5	368
Herd Owner, Frank Prochnow, Luxemburg.	Difference	(8-6-11)	+808	.0	+30
SIR DOUGLAS BURKE PIEBE GERB COLA S 820751	6 daughters	6	10,550	3.8	404
Born, 11-17-40; proved, 8-22-47;----; N. Y.	6 dams	25	13,574	3.6	491
Sire, 660575; dam, 1971683.	Difference	(0-5-1)	-3,024	+.2	-87
Herd Owner, Burton Aldrich, Fredonia.					
SIR INKA JOHANNA WALKER 718672	7 daughters	30	13,309	3.5	468
Born, 3-1-35; proved, 8-25-47;----; Pa.	6 daughters	26	13,141	3.6	467
Sire, 689611; dam, 1525974.	6 dams	16	12,576	3.4	424
Herd Owner, J. A. & W. D. Fairchild, Berwick.	Difference	(3-4-4)	+565	+.2	+43
SIR KING UNEEDA 793583	9 daughters	9	10,692	2.9	313
Born, 12-17-39; proved, 8-14-47;----; Wis.	7 daughters	7	10,954	2.9	322
Sire, 757278; dam, 1517992.	7 dams	13	12,568	3.2	404
Herd Owner, Bill B. Kok, Cambria.	Difference	(2-1-2)	-1,614	-.3	-82
SIR MAY SPOFFORD CANDIDATE 805421	12 daughters	21	9,178	3.6	332
Born, 4-10-40; proved, 8-4-47;----; Pa.	10 daughters	17	9,342	3.6	334
Sire, 734510; dam, 1777248.	10 dams	59	10,557	3.2	338
Herd Owner, M. A. Smeltzer, Nu Mine.	Difference	(2-10-4)	-1,215	+.4	- 4
SIR ORMSBY ALEWIN DE KOL 812730	5 daughters	5	8,942	3.6	319
Born, 1-12-40; proved, 8-11-47; dead; Minn.	5 dams	15	9,271	3.5	329
Sire, 780189; dam, 1748889.	Difference	(1-4-1)	-329	+.1	-10
Herd Owner, C. H. Mueller & Son, Lewiston.					
SIR ORMSBY DI-GERB DI-COLAN BURKE 807049	18 daughters	22	13,876	3.3	457
Born, 4-3-40; proved, 8-15-47;----; N. Y.	17 daughters	21	13,753	3.3	454
Sire, 603883; dam, 1899176.	17 dams	67	14,331	3.5	500
Herd Owner, Warren W. Whitney & Sons, Clymer.	Difference	(8-4-5)	-578	-.2	-46
SIR ORMSBY MELBA COLANTHA 805399	12 daughters	18	13,289	3.7	497
Born, 5-23-39; proved, 8-14-47; dead; Pa.	12 dams	51	11,588	3.6	415
Sire, 589287; dam, 1647349.	Difference	(12-11-12)	+1,701	+.1	+82
Herd Owner, Leigh Smith, Torpedo.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SIR POSCH SEGIS KERK 800671	8 daughters	12	9,923	3.6	361
Born, 9-7-39; proved, 8-4-47; dead; N. Y.	8 dams	29	9,383	3.7	352
Sire, 671669; dam, 1682912.	Difference	(6-3-5)	+540	-.1	+ 9
Herd Owner, Carlton B. Clements, Jordan.					
SIR PRIDE SUPERBA HENGERVELD 4TH 809590	5 daughters	6	10,746	3.6	388
Born, 9-20-40; proved, 8-18-47;----; Iowa.	5 dams	23	12,002	3.2	390
Sire, 781198; dam, 1613596.	Difference	(1-5-2)	-1,256	+.4	- 2
Herd Owner, Harold H. Meyer, Maynard.					
SIR RAG APPLE BLANCHE KORNDYKE 827050	10 daughters	11	9,804	3.5	342
Born, 12-24-40; proved, 8-22-47;----; N. Y.	9 daughters	10	9,626	3.5	337
Sire, 778700; dam, 1811415.	9 dams	19	9,967	3.4	343
Herd Owner, William Bensley, Jr., Springville.	Difference	(3-5-4)	-341	+.1	- 6
SPINKER DE KOL PIETERTJE 747702	5 daughters	12	10,844	3.5	375
Born, 11-3-37; proved, 8-15-47; dead; Pa.	5 dams	25	11,117	3.7	406
Sire, 700841; dam, 1163448.	Difference	(2-1-2)	-273	-.2	-31
Herd Owner, Gehman Dairy Farms, Inc., Macungie.					
SPINKER VALDESSA ABBEKERK 776582	8 daughters	14	10,666	3.9	413
Born, 3-13-39; proved, 8-4-47;----; Pa.	7 daughters	12	10,515	3.9	405
Sire, 700841; dam, 1793499.	7 dams	43	10,000	4.0	396
Herd Owner, Lincoln University Farm, Lincoln University.	Difference	(5-5-4)	+515	-.1	+ 9
SPRINGDALE KING DELLA TEAKE 789260	12 daughters	16	14,075	3.6	508
Born, 7-1-39; proved, 8-18-47; dead; N. Y.	9 daughters	12	14,549	3.6	520
Sire, 758963; dam, 1782233.	9 dams	21	13,935	3.5	488
Herd Owner, L. V. La Motte, Freeville.	Difference	(6-8-6)	+614	+.1	+32
SPRINGGLADE SEGIS KING (TWIN) 789812	8 daughters	13	9,974	3.5	350
Born, 4-7-39; proved, 8-21-47; dead; Ill.	8 dams	25	11,145	3.6	396
Sire, 775030; dam, 2040986.	Difference	(2-4-1)	-1,171	-.1	-46
Herd Owner, James H. McKinney & Sons, Toledo.					
THE MEADOWS FERN OLLIE CARNATION 780993	9 daughters	19	8,925	3.6	322
Born, 12-19-38; proved, 8-15-47;----; Iowa.	7 daughters	16	8,955	3.7	328
Sire, 729187; dam, 1776914.	7 dams	15	8,964	3.5	313
Herd Owner, Eldon B. Nelson & Son, Boone.	Difference	(3-5-3)	- 9	+.2	+15
TOLEDO DECREAMCO AAGGIE 4TH 793635	11 daughters	15	12,676	3.0	386
Born, 7-6-39; proved, 8-21-47;----; Ohio.	11 dams	26	13,342	3.1	418
Sire, 658554; dam, 1636027.	Difference	(6-5-4)	-666	-.1	-32
Herd Owner, Lima State Hospital, Lima.					
TOPPIN VIEW LADDIE HARTJE 798378	10 daughters	16	10,602	3.5	374
Born, 9-3-38; proved, 8-12-47; dead; N. Y.	10 dams	48	12,372	3.6	441
Sire, 654049; dam, 1619761.	Difference	(1-6-0)	-1,770	-.1	-67
Herd Owner, Harold D. Riehlman, Homer.					
TRIPLEBURN POSCH JOE 796624	11 daughters	11	8,806	3.7	325
Born, 4-2-38; proved, 8-22-47;----; N. Y.	10 daughters	10	8,705	3.7	323
Sire, 725535; dam, 1834705.	10 dams	25	9,750	3.3	318
Herd Owner, Wilbur K. Clark, Delhi.	Difference	(3-10-6)	-1,045	+.4	+ 5
TYLER FARMS CHIEFTAIN PIETJE 801372	5 daughters	8	10,046	3.7	371
Born, 10-6-39; proved, 8-7-47;----; Vt.	5 dams	19	10,430	3.7	385
Sire, 739470; dam, 1810619.	Difference	(2-3-2)	-384	.0	-14
Herd Owner, James A. Halley, West Newbury.					
TYLER FARMS POSCH MASTER 698518	14 daughters	19	10,780	3.5	381
Born, 8-9-34; proved, 8-25-47; alive; Vt.	13 daughters	18	10,656	3.5	377
Sire, 653486; dam, 1194028.	13 dams	61	11,436	3.7	426
Herd Owner, John B. C. Tyler & Sons, West Newbury.	Difference	(4-6-3)	-780	-.2	-49
TYLER FARMS SENSATION POSCH 802899	11 daughters	12	11,248	3.7	419
Born, 12-3-39; proved, 8-7-47;----; Vt.	11 dams	35	11,430	3.8	437
Sire, 732276; dam, 1639845.	Difference	(4-5-4)	-182	-.1	-18
Herd Owner, Francis W. Burton, Springfield.					
U V M PRILLY SENSATION 718644	10 daughters	20	12,678	3.3	412
Born, 8-16-35; proved, 8-6-47; dead; Vt.	7 daughters	12	12,617	3.2	410
Sire, 493889; dam, 1469824.	7 dams	24	13,635	3.2	436
Herd Owner, Gerald H. Wheeler, Whitingham.	Difference	(3-4-4)	-1,018	.0	-26
VALESIDE POSCH DE KOL SAUL 726489	13 daughters	29	13,205	3.7	492
Born, 11-4-35; proved, 8-25-47; dead; N. Y.	13 dams	40	13,100	3.5	463
Sire, 665552; dam, 1540453.	Difference	(5-9-6)	+105	+.2	+29
Herd Owner, Frank D. Davy, Fort Plain.					
VAN HORNE ONYX COLANTHA 774389	15 daughters	28	10,637	3.5	371
Born, 1-13-39; proved, 8-25-47; dead; N. Y.	15 dams	60	11,482	3.4	391
Sire, 723045; dam, 1913279.	Difference	(9-9-7)	-845	+.1	-20
Herd Owner, Mason A. Gilbert & Son, Kennedy.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
VERNWAY SUPREME HOMESTEAD 789128----------	8 daughters---	10	11,751	3.3	385
Born, 4-9-39; proved, 8-11-47;----; Wash.	6 daughters---	8	11,444	3.3	377
Sire, 752698; dam, 1883313.	6 dams--------	15	11,411	3.4	389
Herd Owner, Russell Axelson, Mount Vernon.	Difference----	(3-1-3)	+ 33	-.1	-12
V P I ORMSBY MODEL 793814----------	16 daughters--	22	9,983	3.6	362
Born, 12-26-39; proved, 8-13-47;----; Va.	16 dams-------	76	9,833	3.5	344
Sire, 662364; dam, 1421275.	Difference----	(8-12-9)	+150	+.1	+18
Herd Owner,William S.Barksdale, Randolph.					
WAUPUN SANDES JOHANNA 788639----------	11 daughters--	13	11,350	3.3	369
Born, 11-17-39; proved, 8-20-47;----; Wis.	11 dams-------	44	11,880	3.3	387
Sire, 733749; dam, 1887599.	Difference----	(5-6-4)	-530	.0	-18
Herd Owner, Wisconsin State Prison Farm, Waupun.					
WELCOME PAT CREATOR BURKE PRILLY 792468----------	17 daughters--	29	10,352	3.4	356
Born, 10-18-39; proved, 8-25-47;----; Pa.	16 daughters--	28	10,461	3.5	361
Sire, 110786 CHB.; dam, 2104042.	16 dams-------	36	10,275	3.4	344
Herd Owner, Markey Sands, Tunkhannock.	Difference----	(6-10-7)	+186	+.1	+17
WIMBLEDON EMPEROR PAUL 733409----------	15 daughters--	31	11,078	3.5	392
Born, 3-5-36; proved, 8-25-47;----; Pa.	13 daughters--	24	11,153	3.6	399
Sire, 671030; dam, 1463153.	13 dams-------	43	11,547	3.4	393
Herd Owner, Mayview State Hospital, Mayview.	Difference----	(4-9-5)	-394	+.2	+ 6
WIMBLEDON SUPERIOR EMPEROR 711710 *6----------	31 daughters--	94	10,568	3.3	349
Born, 2-5-35; proved, 8-12-47;----; Minn.	24 daughters--	81	10,338	3.3	341
Sire, 671030; dam, 1463153.	24 dams-------	132	10,969	3.4	371
Herd Owner, Ernest F. Sloan, Ellendale.	Difference----	(10-13-11)	-631	-.1	-30
WINTERTHUR FOBES PILOT VERNON 789920----------	9 daughters---	10	11,046	3.4	371
Born, 1-28-40; proved, 8-6-47;----; Pa.	9 dams--------	31	11,698	3.3	388
Sire, 729449; dam, 1923004.	Difference----	(3-8-3)	-652	+.1	-17
Herd Owner, Pecora's Farm Dairy, Drums.					
WINTERTHUR STAR PILOT VIKING 798831----------	12 daughters--	13	9,480	3.3	317
Born, 2-16-40; proved, 8-7-47; dead; N. J.	7 daughters---	8	9,381	3.2	304
Sire, 742081; dam, 1870752.	7 dams--------	32	9,965	3.4	338
Herd Owner, Camden County Farms, Lakeland.	Difference----	(2-3-2)	-584	-.2	-34
W I S ADMIRAL FOBES 791979----------	11 daughters--	14	10,970	3.5	383
Born, 12-13-39; proved, 8-14-47;----; Wis.	11 dams-------	42	9,944	3.6	356
Sire, 729042; dam, 1882139.	Difference----	(7-4-7)	+1,026	-.1	+27
Herd Owner, Franz J. Schamens, Sparta.					
W I S ADMIRAL ORMSBY LASS 2D 791980----------	8 daughters---	10	12,430	3.6	453
Born, 12-19-39; proved, 8-1-47;----; Iowa.	8 dams--------	25	13,219	3.4	449
Sire, 729042; dam, 1862531.	Difference----	(3-7-4)	-789	+.2	+ 4
Herd Owner, Witwer Wayside Farm Dairy, Marion.					
13-B3205 (DHIA EARTAG)----------	11 daughters--	16	9,301	3.3	307
Born, ----; proved, 8-12-47;----; Vt.	10 daughters--	14	9,212	3.3	303
Sire, ----; dam, ----.	10 dams-------	30	10,450	3.3	346
Herd Owner, H. Montcalm, Milton.	Difference----	(4-5-2)	-1,238	.0	-43
13-A6665 (DHIA EARTAG)----------	7 daughters---	7	7,224	4.0	291
Born, - -39; proved, 8-11-47; dead; Vt.	7 dams--------	19	7,210	4.1	299
Sire, ----; dam, ----.	Difference----	(3-2-3)	+ 14	-.1	- 8
Herd Owner, Orton Brothers, Plainfield.					
23*P32670 (BANGS OR TB EARTAG)----------	7 daughters---	17	8,893	3.7	329
Born, ----; proved, 8-20-47; dead; Pa.	5 daughters---	12	8,204	3.8	315
Sire, ----; dam, ----.	5 dams--------	15	9,308	3.8	350
Herd Owner, Ray C. Hammond, Rome.	Difference----	(0-3-0)	-1,104	.0	-35
33-A9094 (DHIA EARTAG)----------	11 daughters--	19	8,760	3.5	309
Born, ----; proved, 8-29-47;----; Ill.	7 daughters---	13	9,199	3.5	324
Sire, ----; dam, ----.	7 dams--------	16	7,864	3.3	262
Herd Owner, Raymond Eilers, Campbell.	Difference----	(5-7-5)	+1,335	+.2	+62

JERSEY SIRES

AFTERGLOW MAID'S PRINCE 408564----------	11 daughters--	11	8,005	5.4	435
Born, 8-11-39; proved, 8-22-47;----; Mich.	10 daughters--	10	8,191	5.4	445
Sire, 380254; dam, 892238.	10 dams-------	30	7,602	4.9	376
Herd Owner, Roy G. Preston, Hastings.	Difference----	(6-9-8)	+589	+.5	+69
BERKLEY FARM SIGNAL 386319----------	7 daughters---	11	4,456	5.9	262
Born, 3-24-35; proved, 8-7-47;----; Mo.	6 daughters---	10	4,226	5.9	247
Sire, 303360; dam, 841776.	6 dams--------	15	4,871	5.5	266
Herd Owner, Berkley Farm, Palmyra.	Difference----	(2-5-3)	-645	+.4	-19

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BESS' DESIGN'S HEIR 401055	13 daughters	24	6,131	5.3	322
Born, 2-10-39; proved, 8-20-47;----; Pa.	8 daughters	16	6,068	5.1	309
Sire, 336549; dam, 1120499.	8 dams	29	6,798	4.8	329
Herd Owner, McCandlese Brothers, Butler.	Difference	(5-5-3)	-730	+.3	-20
BRAMPTON SPAGNOLA LORD 422982	6 daughters	9	7,681	4.9	376
Born, 6-4-35; proved, 8-1-47;----; N. J.	6 dams	16	7,232	5.0	361
Sire, 59496 CJCC.; dam, 58001 CJCC.	Difference	(3-2-3)	+449	-.1	+15
Herd Owner, Martin Steinhauer, High Bridge.					
CORNELL LAD MARK 391835	8 daughters	9	8,310	5.1	426
Born, 1-6-38; proved, 8-18-47;----; N. Y.	8 dams	13	8,055	5.3	425
Sire, 347174; dam, 1065742.	Difference	(3-2-3)	+255	-.2	+ 1
Owner, Androscoggin Valley A. B. A., Maine.					
CORONATION XENIA SUPERB OWL 387741	6 daughters	10	7,231	6.1	443
Born, 4-7-37; proved, 8-18-47; dead; N. Y.	5 daughters	5	7,490	6.0	451
Sire, 364975; dam, 1001262.	5 dams	11	7,206	4.9	352
Herd Owner, Fred King, Phelps.	Difference	(4-4-4)	+284	+1.1	+99
DESIGN FERN'S HEIR 394095	10 daughters	29	6,402	5.1	324
Born, 12-1-37; proved, 8-7-47; dead; N. Y.	8 daughters	27	6,766	5.1	342
Sire, 350454; dam, 1027364.	8 dams	31	6,665	4.8	321
Herd Owner, Arnold Cartwright, Kelly Corners.	Difference	(4-5-6)	+101	+.3	+21
DESIGN'S IDAHO SOVEREIGN 386803	6 daughters	14	7,924	5.4	427
Born, 3-26-37; proved, 8-7-47; dead; Idaho.	6 dams	22	7,797	5.3	415
Sire, 336549; dam, 976215.	Difference	(3-4-4)	+127	+.1	+12
Herd Owner, Everette S. Pease, Wilder.					
DESIGN WONDERFUL VOLUNTEER 398039	7 daughters	10	8,902	5.0	442
Born, 8-9-38; proved, 8-4-47;----; Ind.	5 daughters	7	8,842	5.0	441
Sire, 318955; dam, 802105.	5 dams	7	6,923	5.7	393
Herd Owner, Graham Farms, Washington.	Difference	(5-0-3)	+1,919	-.7	+48
DREAMING GIRL'S EMBLEM OF H. F. 400220	6 daughters	6	7,118	5.6	401
Born, 8-18-38; proved, 8-18-47;----; Pa.	6 dams	20	7,088	5.0	357
Sire, 359463; dam, 1075387.	Difference	(3-6-5)	+ 30	+.6	+44
Herd Owner, Conner & Killinger, Avondale.					
EUPOGIS VICTOR 391371	8 daughters	9	8,236	5.0	408
Born, 11-11-37; proved, 8-15-47;----; N. Y.	8 dams	44	8,918	5.0	448
Sire, 375112; dam, 784843.	Difference	(2-4-2)	-682	.0	-40
Herd Owner, Clifford Tucker, Skaneateles.					
FAMOUS BLONDE LAD 403263	13 daughters	14	7,200	5.1	366
Born, 3-23-39; proved, 8-13-47;----; Pa.	7 daughters	7	7,913	5.0	399
Sire, 389486; dam, 859007.	7 dams	17	6,620	5.0	333
Herd Owner, O. R. Olson, Portersville.	Difference	(5-4-5)	+1,293	.0	+66
FERDINAND AMATEUR 404083	6 daughters	14	7,735	5.6	433
Born, 8-21-38; proved, 8-22-47;----; Wash.	5 daughters	11	7,654	5.5	424
Sire, 389397; dam, 1097290.	5 dams	18	8,060	5.2	420
Herd Owner, John R. Martin, Elma.	Difference	(2-4-3)	-406	+.3	+ 4
FOREMOST PEER PALATINE 374368	8 daughters	12	6,418	5.5	350
Born, 2-12-36; proved, 8-25-47;----; Minn.	8 dams	34	7,349	5.4	395
Sire, 309246; dam, 890592.	Difference	(2-5-2)	-931	+.1	-45
Herd Owner, St. Marys Mission, Redlake.					
FORTUNA FAVORITE LAD 405939	6 daughters	11	5,399	5.9	320
Born, 11-16-37; proved, 8-13-47;----; Iowa.	6 dams	16	6,003	5.0	301
Sire, 362057; dam, 1031657.	Difference	(1-6-3)	-604	+.9	+19
Herd Owner, King & Kiederlen, Oelwein.					
GOLDEN DAZZLE 390121	9 daughters	17	4,877	5.3	257
Born, 5-1-37; proved, 8-18-47; dead; N. J.	9 dams	20	6,684	4.6	308
Sire, 359882; dam, 1033924.	Difference	(1-9-1)	-1,807	+.7	-51
Herd Owner, Dr. L. E. Baxter, Far Hills.					
GRIBBLE FARMS ROSEBOY 367702	8 daughters	19	8,071	5.3	431
Born, 2-23-34; proved, 8-18-47;----; Wash.	7 daughters	18	8,041	5.3	427
Sire, 360590; dam, 906049.	7 dams	11	7,976	5.0	445
Herd Owner, Taylor Jersey Farm, Shelton.	Difference	(3-5-3)	+935	+.3	-18
JERSEY VOLUNTEER BLONDE LAD 342786	9 daughters	9	7,088	5.5	388
Born, 1-9-31; proved, 8-22-47;----; Ala.	7 daughters	7	6,968	5.5	380
Sire, 285680; dam, 486188.	7 dams	8	7,426	4.8	356
Herd Owner, Alabama Polytechnic Institute, Auburn.	Difference	(3-6-5)	-458	+.7	+24
LAWRIEMOR STANDARD DESIGN 410384	21 daughters	32	7,214	5.6	406
Born, 9-29-39; proved, 8-22-47;----; Wash.	20 daughters	30	7,365	5.6	414
Sire, 99867 CJCC.; dam, 1229482.	20 dams	68	8,216	5.4	441
Herd Owner, John R. Martin, Elma.	Difference	(4-14-7)	-851	+.2	-27

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LONGVIEW REPEATOR 353548	7 daughters---	8	7,253	5.0	365
Born, 8-10-32; proved, 8-22-47;----; Kans.	5 daughters---	6	7,790	4.9	383
Sire, 267554; dam, 870463.	5 dams--------	10	6,853	5.4	369
Herd Owner, Elmer L. Reep & Sons, Wichita.	Difference----	(2-2-2)	+937	-.5	+14
MICHIGAN FAUVIC PREMIER 368018	7 daughters---	11	8,139	5.1	416
Born, 4-18-35; proved, 8-18-47;----; Mich.	5 daughters---	8	7,614	5.2	395
Sire, 263969; dam, 1003252.	5 dams--------	15	8,728	4.7	411
Herd Owner, Williamson Brothers, Pontiac.	Difference----	(2-5-2)	-1,114	+.5	-16
NOBLE BLONDE BOY 364513	14 daughters--	15	6,158	5.1	314
Born, 4-29-33; proved, 8-20-47;----; Mich.	7 daughters---	7	6,511	5.0	324
Sire, 245825; dam, 855963.	7 dams--------	7	7,387	5.1	374
Herd Owner, James Burnside & Son,Coldwater.	Difference----	(3-4-2)	-876	-.1	-50
NOBLE MAGIC STAR 380996	16 daughters--	23	7,571	4.9	370
Born, 11-18-36; proved, 8-25-47;----; Vt.	14 daughters--	20	7,566	4.9	369
Sire, 359847; dam, 981514.	14 dams-------	37	7,496	4.8	358
Herd Owner, K. F. Peabody, St. Albans.	Difference----	(7-7-6)	+70	+.1	+11
OBSERVER DOUBLE DESIGN 390944	8 daughters---	11	8,891	5.2	463
Born, 10-29-37; proved, 8-22-47;----; Wash.	7 daughters---	10	9,003	5.2	468
Sire, 325967; dam, 1078040.	7 dams--------	26	7,986	5.2	414
Herd Owner, Cloverfields Farm, Olympia.	Difference----	(6-2-6)	+1,017	.0	+54
OBSERVER GOLDEN BLONDE 415220	8 daughters---	9	7,275	5.7	414
Born, 5-7-40; proved, 8-8-47;----; Mo.	6 daughters---	6	6,862	5.7	390
Sire, 369468; dam, 1052629.	6 dams--------	7	7,704	5.6	433
Herd Owner, Louis R. Hearne, Noel.	Difference----	(2-4-2)	-842	+.1	-43
OLYMPIAN TORMENTOR 373985	6 daughters---	16	7,074	5.0	353
Born, 11-15-34; proved, 8-22-47; dead; Md.	5 daughters---	13	7,305	4.9	356
Sire, 326144; dam, 946947.	5 dams--------	33	7,028	5.0	351
Herd Owner, Indian Spring Farm, Darlington.	Difference----	(3-3-4)	+277	-.1	+ 5
OXSULTO DESIGN 372973	20 daughters--	30	5,831	5.9	344
Born, 10-9-35; proved, 8-25-47;----; Mich.	15 daughters--	22	6,075	5.9	358
Sire, 325970; dam, 955199.	15 dams-------	38	6,657	5.5	366
Herd Owner, Rolland Stein, Whitmore Lake.	Difference----	(3-11-5)	-582	+.4	- 8
POMPEY'S SYBIL MAJESTY 400242	8 daughters---	9	6,562	5.1	332
Born, 5-27-38; proved, 8-4-47; dead; Ohio.	5 daughters---	5	5,844	5.2	305
Sire, 326135; dam, 833958.	5 dams--------	12	7,435	5.0	369
Herd Owner, A. L. Vaughn & Son, Mount Gilead.	Difference----	(0-3-0)	-1,591	+.2	-64
RIVERGROVE OWL CHIEF 389922	6 daughters---	9	5,615	5.4	304
Born, 3-1-37; proved, 8-11-47;----; Minn.	6 dams--------	15	7,458	5.6	417
Sire, 357742; dam, 973811.	Difference----	(0-1-0)	-1,843	-.2	-113
Herd Owner, River Grove Farm, Rochester.					
ROJESTY OWL 386550	16 daughters--	27	8,410	5.2	434
Born, 11-29-36; proved, 8-4-47; alive; Va.	10 daughters--	16	8,187	5.3	430
Sire, 329981; dam, 826114.	10 dams-------	34	8,031	4.8	388
Herd Owner, Clover Hill Farm, Manassas.	Difference----	(5-10-8)	+156	+.5	+42
ROMANA ARISTOCRATIC JASON 411980	5 daughters---	9	6,992	5.1	356
Born, 10-29-39; proved, 8-8-47;----; Vt.	5 dams--------	21	8,744	4.6	403
Sire, 402014; dam, 1094487.	Difference----	(0-5-1)	-1,752	+.5	-47
Herd Owner, Milton Landon, Brandon.					
ROMANA MAJESTY ADAM 411571	16 daughters--	25	7,391	5.3	394
Born, 5-1-39; proved, 8-13-47; alive; Vt.	11 daughters--	16	7,278	5.3	388
Sire, 347940; dam, 1010637.	11 dams-------	33	6,614	5.4	355
Owner, New Hampshire A. B. A., N. H.	Difference----	(8-5-8)	+664	-.1	+33
ROYAL HEIR GOLDEN BOY 406024	6 daughters---	6	6,458	6.2	400
Born, 8-25-39; proved, 8-21-47; alive; Ill.	5 daughters---	5	6,561	6.1	403
Sire, 385997; dam, 1015844.	5 dams--------	17	8,220	5.7	467
Herd Owner, A. B. Hall, Sullivan.	Difference----	(1-4-1)	-1,659	+.4	-64
SAMARES GOLDEN PRIDE 417541	20 daughters--	21	6,930	5.3	366
Born, 1-20-40; proved, 8-13-47;----; N. Y.	19 daughters--	20	6,821	5.3	364
Sire, 383105; dam, 1186430.	19 dams-------	63	6,751	5.0	339
Herd Owner, McCutcheon Brothers, Westfield.	Difference----	(10-12-11)	+ 70	+.3	+25
SAM'S GOLDEN PROGRESS 395568	9 daughters---	23	6,451	4.6	296
Born, 8-7-37; proved, 8-15-47;----; Pa.	7 daughters---	17	6,531	4.6	304
Sire, 328366; dam, 1041070.	7 dams--------	35	9,070	4.6	415
Herd Owner, Mercer Hospital, Mercer.	Difference----	(1-4-0)	-2,539	.0	-111
SANS GENE XENIA NOBLY BORN 409206	5 daughters---	11	7,242	5.6	404
Born, 4-15-38; proved, 8-15-47; dead; Vt.	5 dams--------	15	8,236	5.0	409
Sire, 371651; dam, 1036616.	Difference----	(2-4-3)	-994	+.6	- 5
Herd Owner, Oak Ridge Farm, Windsor.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SHADEFIELD FOREMOST LADDIE 373011----------	8 daughters---	15	6,439	5.3	342
Born, 3-13-36; proved, 8-26-47;----; Conn.	5 daughters---	9	6,709	5.4	362
Sire, 350411; dam, 832448.	5 dams--------	18	6,633	5.5	362
Herd Owner, Coman Farms, Fabyan.	Difference----	(2-1-2)	+76	-.1	0
SHELDON FLUFFY OWL 376055----------	13 daughters--	31	8,029	5.6	446
Born, 9-30-35; proved, 8-15-47;----; Maine.	11 daughters--	26	8,096	5.6	451
Sire, 226845; dam, 752727.	11 dams-------	49	7,416	5.5	406
Herd Owner, Fred S. Blanchard, Cumberland Center.	Difference----	(9-7-9)	+680	+.1	+45
SIR G. G. G. GOLDIE SON RALEIGH 419485----------	12 daughters--	12	6,595	5.1	336
Born, 4-10-40; proved, 8-29-47;----; Tenn.	10 daughters--	10	6,585	5.1	337
Sire, 351426; dam, 1047510.	10 dams-------	27	5,662	4.8	271
Herd Owner, Crawford Dean, Thompson Station.	Difference----	(5-7-7)	+923	+.3	+66
SPARKLING NOBLE GEORGIAN 415016----------	11 daughters--	13	6,726	5.0	339
Born, 11-6-39; proved, 8-21-47; dead; Ga.	10 daughters--	11	6,698	5.1	340
Sire, 388076; dam, 1169542.	10 dams-------	25	7,222	4.9	355
Herd Owner, Allen's Invalid Home, Milledgeville.	Difference----	(4-6-4)	-524	+.2	-15
STORRS RADIANT SKIPPER 401664----------	8 daughters---	16	5,208	5.1	264
Born, 11-26-38; proved, 8-21-47;----; N. H.	5 daughters---	10	5,216	5.2	269
Sire, 361372; dam, 1082550.	5 dams--------	8	6,426	4.7	300
Herd Owner, John E. Ladd, East Kingston.	Difference----	(1-4-2)	-1,210	+.5	-31
SUCCESSOR FAREWELL 359918----------	8 daughters---	14	8,434	5.0	422
Born, 1-27-34; proved, 8-22-47;----; Ohio.	5 daughters---	8	8,212	5.0	410
Sire, 258883; dam, 877413.	5 dams--------	10	8,309	4.9	410
Herd Owner, R. E. Klages, Pickerington.	Difference----	(2-3-3)	- 97	+.1	0
SYBIL'S MEMORABLE DUKE 342125 *7----------	24 daughters--	51	6,704	5.1	341
Born, 10-4-31; proved, 8-21-47; dead; Vt.	20 daughters--	43	6,531	5.2	338
Sire, 276137; dam, 565109.	20 dams-------	61	7,537	4.9	369
Herd Owner, Bicknell Hill Farm, Tunbridge.	Difference----	(5-16-5)	-1,006	+.3	-31
SYBIL SUCCESSOR PARAMOUNT 376290----------	11 daughters--	17	6,151	4.7	290
Born, 2-15-36; proved, 8-26-47; dead; Tex.	6 daughters---	8	6,587	4.7	310
Sire, 324894; dam, 909175.	6 dams--------	8	5,767	4.8	278
Herd Owner, W. P. McLean, Greenville.	Difference----	(5-3-5)	+820	-.1	+32
SYBIL VOLUNTEER POGIS 369484----------	5 daughters---	6	6,388	5.2	335
Born, 3-1-35; proved, 8-15-47;----; Vt.	5 dams--------	13	8,103	4.5	365
Sire, 340452; dam, 1009891.	Difference----	(1-4-3)	-1,715	+.7	-30
Herd Owner, A. M. Stoddard, North Pomfret.					
TOP NOTCH FARM JAP DUKE 408268 *----------	12 daughters--	16	6,148	5.4	335
Born, 3-7-39; proved, 7-22-47; dead; N. Y.	11 daughters--	15	6,166	5.4	335
Sire, 350067; dam, 1045725.	11 dams-------	38	6,472	5.6	364
Herd Owner, S. L. Knox & Son, Wyoming.	Difference----	(5-5-4)	-306	-.2	-29
TRINITY SYBILMINT SUCCESS 369386----------	6 daughters---	7	6,931	4.8	332
Born, 4-1-35; proved, 8-18-47;----; Conn.	5 daughters---	5	6,752	4.8	323
Sire, 282239; dam, 834342.	5 dams--------	16	6,787	4.8	326
Herd Owner, Marcy I. Berger, Woodbury.	Difference----	(2-3-2)	- 35	.0	- 3
VEALHAVEN DUTCH BOY PRINCE 392425----------	6 daughters---	13	8,032	5.6	451
Born, 2-27-38; proved, 8-15-47;----; Mich.	6 dams--------	13	8,043	5.1	408
Sire, 373084; dam, 1044425.	Difference----	(3-5-4)	- 11	+.5	+43
Herd Owner, Sneeds Jersey Farm, Durand.					
VICTOIRE'S FOREMOST LAD 400721----------	5 daughters---	9	7,311	5.1	372
Born, 4-22-39; proved, 8-20-47;----; Iowa.	5 dams--------	9	7,333	5.3	387
Sire, 375564; dam, 1150586.	Difference----	(2-1-2)	- 22	-.2	-15
Herd Owner, Harry Beckner, Oelwein.					
YOLANDA TRINITY KING DAVID 388504----------	7 daughters---	9	7,126	5.2	374
Born, 3-21-36; proved, 8-12-47; dead; Idaho.	7 dams--------	19	6,621	5.5	361
Sire, 322374; dam, 907320.	Difference----	(5-4-4)	+505	-.3	+13
Herd Owner, Domingo Onederra, Boise.					
411050----------	6 daughters---	7	8,685	4.8	419
Born, ----; proved, 8-11-47; alive; La.	6 dams--------	31	7,081	5.0	351
Sire, ----; dam, ----.	Difference----	(6-2-6)	+1,604	-.2	+68
Owner, North Louisiana Jersey A. B. A.					
413575----------	6 daughters---	6	8,198	5.4	441
Born, ----; proved, 8-21-47;----; Mass.	5 daughters---	5	8,205	5.3	432
Sire, ----; dam, ----.	5 dams--------	10	8,315	5.2	430
Herd Owner, High Lawn Farm, Lenox.	Difference----	(3-3-3)	-110	+.1	+ 2
13-0065 (DHIA EARTAG)----------	17 daughters--	34	7,125	5.1	362
Born, ----; proved, 8-11-47; dead; Vt.	7 daughters---	13	6,359	5.3	338
Sire, ----; dam, ----.	7 dams--------	17	7,134	5.0	353
Herd Owner, Homer C. Shattuck, St. Johnsbury.	Difference----	(2-6-2)	-775	+.3	-15

* Incorrectly listed as Queen's Trinity Fauvic Lad 408268.

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
13-A2826 (DHIA EARTAG)	23 daughters	47	6,872	5.3	364
Born, ----; proved, 8-29-47; ----; Vt.	22 daughters	46	6,862	5.3	361
Sire, ----; dam, ----.	22 dams	101	7,045	5.3	371
Herd Owner, Fairview Farm, North Hartland.	Difference	(8-13-10)	-183	.0	-10
13-D5750 (DHIA EARTAG)	8 daughters	10	6,734	5.2	347
Born, 10-21-40; proved, 8-12-47; dead; Vt.	6 daughters	8	6,799	5.2	355
Sire, 423582; dam, 1157279.	6 dams	9	7,267	5.4	389
Herd Owner, Hollis C. Quinn, Cavendish.	Difference	(1-2-1)	-468	-.2	-34
33-A9016 (DHIA EARTAG)	9 daughters	19	6,980	5.4	378
Born, ----; proved, 8-15-47; ----; Ill.	8 daughters	16	6,932	5.4	373
Sire, ----; dam, ----.	8 dams	55	6,514	5.4	351
Herd Owner, Rieckenberg Brothers, Steeleville.	Difference	(5-5-5)	+418	.0	+22
34*28175 (BANGS OR TB EARTAG)	9 daughters	15	6,435	5.1	326
Born, ----; proved, 8-18-47; ----; Mich.	8 daughters	14	6,367	5.1	325
Sire, ----; dam, ----.	8 dams	38	7,831	4.5	354
Herd Owner, Glen Gruner, Coldwater.	Difference	(0-7-1)	-1,464	+.6	-29

SHORTHORN SIRES

ALBURY RED KNIGHT 1860554	7 daughters	7	4,720	4.0	190
Born, 2-19-36; proved, 8-15-47; ----; Ohio.	7 dams	17	5,403	3.6	195
Sire, 1740461; dam, 1779983.	Difference	(2-6-3)	-683	+.4	- 5
Herd Owner, J. S. McClester & Sons, Mechanicstown.					
BARON CHARLIE OF AIRDRIE 1958673	9 daughters	14	8,909	3.9	345
Born, 1-31-39; proved, 8-11-47; ----; Iowa.	8 daughters	12	9,406	3.9	364
Sire, 1765783; dam, 1386838.	8 dams	23	10,086	3.7	375
Herd Owner, Edwin A. Miller, Rock Valley.	Difference	(5-7-5)	-680	+.2	-11
BORG'S VICTOR OXFORD 1851557	6 daughters	6	5,627	4.2	234
Born, 7-22-35; proved, 8-15-47; dead; Minn.	6 dams	13	7,019	3.7	260
Sire, 1712133; dam, 1571318.	Difference	(2-5-2)	-1,392	+.5	-26
Herd Owner, William Marshall, Shakopee.					
FOGGATHORPE ABBOT 1863113	6 daughters	8	9,674	4.0	389
Born, 9-11-35; proved, 8-12-47; ----; Iowa.	5 daughters	7	9,797	4.0	392
Sire, 1765783; dam, 1477539.	5 dams	8	8,823	3.6	320
Herd Owner, Paul Lee, Huxley.	Difference	(3-5-4)	+974	+.4	+72
SUNNY HOME BOY 1970355	9 daughters	12	6,557	3.8	247
Born, 10-27-38; proved, 8-11-47; ----; Iowa.	5 daughters	5	6,675	3.9	260
Sire, 1770833; dam, 1792872.	5 dams	11	6,916	3.8	265
Herd Owner, Edwin Juhle, Estherville.	Difference	(4-4-4)	-241	+.1	- 5
WACHUSETT PALERMO (TWIN) 1994876	6 daughters	6	7,532	4.0	300
Born, 12-14-39; proved, 8-8-47; ----; Wis.	5 daughters	5	7,972	4.0	319
Sire, 1906908; dam, 1718549.	5 dams	8	7,964	3.9	312
Herd Owner, C. L. Rye & Son, Avalon.	Difference	(2-4-3)	+ 8	+.1	+ 7
WALGROVE ROAN CAMP FIRE 1903837	16 daughters	30	6,258	4.0	249
Born, 4-16-37; proved, 8-1-47; dead; Wis.	12 daughters	19	6,177	4.0	244
Sire, 1757891; dam, 1634016.	12 dams	44	8,246	3.8	313
Herd Owner, Lee R. Wells, Sparta.	Difference	(0-9-1)	-2,069	+.2	-69

AMERICAN DAIRY CATTLE CLUB SIRES

DON DUKE VALE ORMSBY 723
(This sire is also a registered Holstein "Don Duke Vale Ormsby 780059." Proved Sire data included in Holstein listing.)

JILL'S JACK OF ELMWOOD FARMS 240
(This sire is also a registered Guernsey "Jill's Jack Of Elmwood Farms 297317." Proved Sire data included in Guernsey listing.

KING BESSIE PET 18TH 1009
(This sire is also a registered Holstein "King Bessie Pet 18th 794352." Proved Sire data included in Holstein listing.)

SEDGLEY IVER 732
(This sire is also a registered Guernsey "Sedgley Iver 277922." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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DAIRY-HERD-IMPROVEMENT ASSOCIATION LETTER Vol. 23, No. 10

October 1947

ONLY ONE-THIRD OF THE AVAILABLE PRODUCTION RECORDS ARE BEING REPORTED FOR PROVING SIRES

Although association supervisors throughout the country are gradually reporting an increasing number of production records for proving DHIA sires, they reported only 145,535 records during the first 9 months of 1947.

Since from 65 to 75 percent of the cows that are on test at the beginning of any year will complete 305-day lactation records during the year, it is estimated that approximately 50 percent of the cows will complete their lactation records during the first 9 months. The 145,535 records that were reported represent approximately 19 percent of the total number of cows that were on test at the beginning of 1947, or roughly about one out of three records that apparently were available for reporting during the first 9 months.

State DHIA leaders must impress on the supervisors the importance of reporting (on form BDI-718) all available lactation records. Association members must be informed of the necessity of having records from their herds reported if their sires are to be proved. Association supervisors must be urged by the herd owners, and assisted if necessary, to report all records promptly as they are completed in each herd.

During the first 9 months of 1947, seven States each reported a total number of production records equal to 30 percent or more of the cows on test January 1, 1947, as follows:

West Virginia	44.2 percent	Kansas	36.9 percent
Delaware	43.4 percent	Iowa	34.4 percent
Maryland	37.0 percent	Vermont	33.8 percent
New York	32.4 percent		

The table on page 2 shows the number of records reported by States during the first 9 months of 1947.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1946 AND 1947

	1947 (First 9 months)						1946	
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by - American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number	Number	Percent
ALA	(3)	0	--	0	0	0	36	10.4
ARIZ	5,577	494	8.9	0	0	0	1,325	25.6
ARK	0	0	--	0	0	0	0	0
CALIF	137,276	4,785	3.5	0	128	24	2,927	2.6
COLO	4,283	816	19.1	0	40	37	1,019	30.9
CONN	10,000	1,395	14.0	0	465	165	2,773	26.2
DEL	1,943	844	43.4	0	7	0	732	42.1
FLA	(3)	0	--	0	22	0	0	0
GA	3,188	230	7.2	19	0	0	214	23.1
HAWAII	430	73	17.0	0	0	0	155	95.1
IDAHO	5,006	747	15.0	0	12	0	767	21.3
ILL	35,615	4,421	12.4	143	105	483	7,499	25.6
IND	19,969	2,213	11.1	47	156	127	1,971	11.5
IOWA	28,105	9,665	34.4	0	58	299	10,696	47.4
KANS	7,488	2,760	36.9	0	177	39	3,285	43.3
KY	5,691	1,088	19.1	17	0	8	627	24.6
LA	1,350	49	3.6	0	0	0	59	9.1
MAINE	8,298	2,377	28.6	0	62	0	2,984	40.9
MD	13,423	4,971	37.0	0	280	3	4,863	38.9
MASS	8,685	1,044	12.0	87	348	102	842	19.1
MICH	37,708	10,101	26.8	2	173	249	7,779	26.2
MINN	38,047	8,581	22.5	12	0	99	8,426	43.6
MISS	2,251	569	25.3	0	0	0	0	--0
MO	11,951	1,487	12.4	0	14	12	2,243	22.9
MONT	3,636	385	10.6	0	12	0	732	30 5
NEBR	2,319	467	20.1	11	12	22	396	23 7
NEV	990	85	8.6	0	0	0	247	18.6
N. H	5,173	667	12.9	10	112	6	1,541	35.2
N. J	20,482	4,591	22.4	0	13	85	6,456	36.0
N. MEX	1,776	56	3.2	0	0	0	0	0
N. Y	71,900	23,294	32.4	618	1,104	204	24,810	39.3
N. C	4,676	224	4.8	2	130	0	0	0
N. DAK	0	0	--	0	0	0	0	0
OHIO	23,241	3,411	14.7	7	517	270	4,782	30.6
OKLA	2,168	140	6.5	0	0	0	104	24.4
OREG	14,184	2,135	15.1	0	6	20	648	7.7
PA	63,604	13,055	20.5	62	895	61	26,608	44.2
P. R	1,100	0	--	0	0	0	0	0
R. I	603	27	4.5	0	68	0	0	0
S. C	0	0	--	0	0	8	0	0
S. DAK	1,172	110	9.4	0	0	16	99	58.6
TENN	4,092	353	8.6	1	0	0	412	19.5
TEX	5,849	294	5.0	0	0	0	319	18.7
UTAH	7,958	1,517	19.1	0	0	0	1,016	15.5
VT	17,402	5,889	33.8	30	216	55	9,178	46.7
VA	31,427	7,980	25.4	0	0	0	6,896	26.3
WASH	23,533	3,328	14.1	0	46	21	8,976	46.0
W. VA	5,715	2,524	44.2	0	76	13	2,521	57.8
WIS	75,145	16,243	21.6	53	85	547	16,973	26.5
WYO	1,117	50	4.5	0	0	0	0	0
U. S	775,546	145,535	18.8	1,121	5,339	2,975	173,936	27.7

1/ Includes cows enrolled since January 1, 1947.
2/ Production records reported on BDI-718.
3/ No report.

DHIA PROVED-SIRE RECORDS TABULATED IN SEPTEMBER 1947

Following is a list of 358 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in September 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
AYRLAND LETO 57622----------	18 daughters--	34	8,771	3.9	345
Born, 10-3-37; proved, 9-30-47;----; Maine.	12 daughters--	22	8,867	3.9	350
Sire, 43336; dam, 137670.	12 dams-------	29	7,119	3.9	276
Herd Owner, Granite Farm, Brunswick.	Difference----	(9-7-8)	+1,748	.0	+74
CHIEF'S PRINCE ALLAN 60713----------	8 daughters---	14	7,492	4.3	319
Born, 1-14-39; proved, 9-30-47;----; Pa.	5 daughters---	9	7,223	4.3	314
Sire, 47678; dam, 114046.	5 dams--------	15	8,600	3.9	338
Herd Owner, A. J. Hollenbach, Middleburg.	Difference----	(2-5-2)	-1,377	+.4	-24
COLEBROOK INTRUDER 58500----------	7 daughters---	15	7,747	4.0	313
Born, 9-15-37; proved, 9-8-47;----; Pa.	7 dams--------	40	6,608	3.8	254
Sire, 51788; dam, 169480.	Difference----	(7-7-7)	+1,139	+.2	+59
Herd Owner, Carroll Decker, Factoryville.					
FILLMORE JEREMIAH 59917----------	16 daughters--	29	6,914	4.0	275
Born, 9-17-38; proved, 9-8-47;----; Vt.	11 daughters--	21	7,045	4.0	283
Sire, 47630; dam, 179980.	11 dams-------	20	8,874	3.8	336
Herd Owner, Harold E. Haynes, East Poultney.	Difference----	(2-9-2)	-1,829	+.2	-53
FILLMORE JETHRO 59918----------	17 daughters--	37	8,005	4.2	333
Born, 10-7-38; proved, 9-30-47;----; N. Y.	16 daughters--	34	8,115	4.2	338
Sire, 47630; dam, 175696.	16 dams-------	42	9,034	4.1	368
Herd Owner, Fred L. Porter Estate, Crown Point.	Difference----	(6-11-6)	-919	+.1	-30
FILLMORE KNICKERBOCKER 61764----------	23 daughters--	38	9,455	4.2	400
Born, 4-22-39; proved, 9-30-47;----; Ohio.	17 daughters--	28	9,785	4.2	414
Sire, 41342; dam, 98087.	17 dams-------	49	9,158	4.0	367
Herd Owner, Ellis Evans, Newark.	Difference----	(11-17-12)	+627	+.2	+47
GLEN FOERD TOREADOR 61711----------	14 daughters--	17	9,123	3.9	357
Born, 1-11-39; proved, 9-30-47;----; N. H.	11 daughters--	12	9,069	3.9	357
Sire, 44638; dam, 137823.	11 dams-------	60	9,585	3.8	366
Herd Owner, Crystal Spring Farm, East Concord.	Difference----	(4-6-6)	-516	+.1	- 9
JAY-BEE GOLDEN SUN 60310----------	7 daughters---	10	8,866	4.1	366
Born, 11-11-38; proved, 9-18-47;----; Pa.	7 dams--------	22	8,326	4.3	354
Sire, 52106; dam, 88147.	Difference----	(3-3-2)	+540	-.2	+12
Herd Owner, Jay Bee Farms, York.					
LANEWAY DOUBLE LINTEL 65355----------	15 daughters--	19	8,177	4.4	356
Born, 9-4-40; proved, 9-30-47;----; N. Y.	14 daughters--	17	8,283	4.4	360
Sire, 51577; dam, 189153.	14 dams-------	69	8,544	4.3	364
Herd Owner, Morgan S. Myers & Son, Barnerville.	Difference----	(4-10-5)	-261	+.1	- 4
LANEWAY LANCER 57935----------	21 daughters--	31	7,833	4.2	328
Born, 11-29-37; proved, 9-30-47;----; Conn.	14 daughters--	21	7,735	4.2	329
Sire, 51577; dam, 128658.	14 dams-------	40	8,924	4.0	358
Herd Owner, Gustafson Brothers, Watertown.	Difference----	(2-12-3)	-1,189	+.2	-29
LANEWAY SPOTTIE'S MASTERPIECE 60678----------	5 daughters---	6	7,770	4.5	352
Born, 2-10-39; proved, 9-3-47;----; Mich.	5 dams--------	16	9,959	4.0	396
Sire, 50470; dam, 150191.	Difference----	(0-5-1)	-2,189	+.5	-44
Herd Owner, Huron Milling Co., Harbor Beach.					
NESHAMINY KINGFISH 46441----------	40 daughters--	85	10,101	4.4	441
Born, 11-15-32; proved, 9-10-47;----; Pa.	27 daughters--	51	10,499	4.4	460
Sire, 32215; dam, 71657.	27 dams-------	91	10,368	4.2	439
Herd Owner, Neshaminy Farms, Newtown.	Difference----	(12-15-14)	+131	+.2	+21
PENSHURST ANTHONY 43957----------	28 daughters--	79	8,787	4.1	357
Born, 10-23-30; proved, 9-30-47;----; N. Y.	22 daughters--	68	9,130	4.0	370
Sire, 35894; dam, 74601.	22 dams-------	94	8,165	3.9	321
Herd Owner, Daniel A. Craig, Rome.	Difference----	(14-16-14)	+965	+.1	+49
PENSHURST DEL FAVORITE 58159----------	32 daughters--	58	9,223	4.3	393
Born, 2-5-38; proved, 9-30-47;----; Pa.	15 daughters--	24	10,222	4.3	438
Sire, 50792; dam, 138745.	15 dams-------	45	9,871	4.0	396
Herd Owner, Delchester Farms, Edgemont.	Difference----	(8-15-10)	+351	+.3	+42

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PENSHURST DOUBLE 60917----------	16 daughters--	32	8,861	3.9	344
Born, 12-9-38; proved, 9-19-47; dead; W. Va.	8 daughters---	15	8,514	3.9	329
Sire, 56972; dam, 185080.	8 dams--------	17	8,112	3.9	320
Herd Owner, Ralph & J. Garrett Hunter, West Alexander, Pa.	Difference----	(3-3-4)	+402	.0	+ 9
PENSHURST FERDINAND 59510----------	16 daughters--	28	9,033	4.2	381
Born, 7-5-38; proved, 9-5-47;----; Pa.	10 daughters--	18	9,200	4.2	391
Sire, 50792; dam, 172600.	10 dams-------	27	9,031	4.1	373
Herd Owner, Glenbrook Farm, Concordville.	Difference----	(5-7-6)	+169	+.1	+18
PENSHURST TRADESMAN 58266----------	31 daughters--	53	8,620	3.9	340
Born, 1-15-38; proved, 9-30-47;----; Pa.	11 daughters--	17	8,949	3.8	342
Sire, 43060; dam, 172603.	11 dams-------	26	9,867	3.9	389
Herd Owner, Delchester Farms, Edgemont.	Difference----	(3-6-3)	-918	-.1	-47
STELLA'S KING HENRY (TWIN) 51284----------	6 daughters---	9	9,901	4.4	431
Born, 4-14-35; proved, 9-24-47;----; N. Y.	5 daughters---	8	9,899	4.3	427
Sire, 35805; dam, 122538.	5 dams--------	17	10,630	4.1	435
Herd Owner, Glenn C. Porter, Watertown.	Difference----	(1-3-1)	-731	+.2	- 8
STRATHGLASS BARDRAKE 55283----------	6 daughters---	8	7,706	4.0	307
Born, 11-22-36; proved, 9-24-47;----; Kans.	5 daughters---	7	7,216	4.2	302
Sire, 51655; dam, 105630.	5 dams--------	15	7,664	4.1	313
Herd Owner, W. C. Ainsworth, Elmo.	Difference----	(2-3-2)	-448	+.1	-11
STRATHGLASS GREAT FORM 56470----------	5 daughters---	14	11,182	4.0	447
Born, 4-12-37; proved, 9-30-47;----; N. Y.	5 dams--------	28	10,824	4.0	437
Sire, 51655; dam, 172604.	Difference----	(3-2-2)	+358	.0	+10
Herd Owner, Strathbar Farm, Frankfort.					
SYCAMORE NAPOLEON 61267----------	18 daughters--	32	9,109	3.9	357
Born, 3-8-39; proved, 9-18-47;----; Pa.	17 daughters--	29	9,084	3.9	357
Sire, 51654; dam, 125874.	17 dams-------	56	9,221	3.9	360
Herd Owner, Pennsylvania State College, State College.	Difference----	(7-10-8)	-137	.0	- 3
SYCAMORE SAILOR 46502----------	31 daughters--	61	9,108	4.1	376
Born, 9-14-31; proved, 9-18-47; dead; Ind.	14 daughters--	28	8,480	4.2	354
Sire, 35622; dam, 101342.	14 dams-------	36	8,440	4.1	342
Owner, Vermont Co-op. A. B. A., Inc., Vt.	Difference----	(7-9-8)	+ 40	+.1	+12
WHITPAIN CRAIGMAN 63338----------	21 daughters--	26	8,445	3.9	333
Born, 1-16-40; proved, 9-19-47;----; Pa.	19 daughters--	22	8,344	4.0	332
Sire, 43060; dam, 164279.	19 dams-------	73	8,605	3.9	333
Herd Owner, Normandy Farm, Norristown.	Difference----	(7-14-8)	-261	+.1	- 1
WHITPAIN HEADMAN 63827----------	8 daughters---	15	9,242	3.9	359
Born, 2-11-40; proved, 9-19-47;----; Wis.	8 dams--------	22	9,470	4.0	375
Sire, 43060; dam, 154016.	Difference----	(4-3-3)	-228	-.1	-16
Herd Owner, John A. Dalton & Son, Oconomowoc.					

BROWN SWISS SIRES

ALICE'S VOGEL B. 43116----------	6 daughters---	8	10,499	4.1	427
Born, 1-28-39; proved, 9-19-47;----; Wis.	5 daughters---	7	10,345	4.0	415
Sire, 29117; dam, 47662.	5 dams--------	11	10,667	4.1	435
Herd Owner, John Capaul, Alma Center.	Difference----	(2-1-2)	-322	-.1	-20
BENWOOD'S RISKHAVEN ALERT 40145----------	8 daughters---	10	9,105	3.8	342
Born, 2-9-38; proved, 9-9-47;----; Kans.	6 daughters---	8	9,564	3.8	359
Sire, 35778; dam, 58182.	6 dams--------	19	10,222	3.7	381
Herd Owner, Henry Duwe, Freeport.	Difference----	(3-4-4)	-658	+.1	-22
BROWNIE'S PRINCE EDGARD 31758----------	8 daughters---	21	9,664	3.9	376
Born, 3-28-34; proved, 9-8-47;----; Iowa.	6 daughters---	16	9,578	3.9	377
Sire, 26191; dam, 26059.	6 dams--------	34	9,626	4.1	395
Herd Owner, Floyd Lake, Iowa Falls.	Difference----	(3-3-2)	- 48	-.2	-18
COLLEGE BOY N. OF LEE'S HILL 40900----------	7 daughters---	7	7,869	4.1	320
Born, 3-31-38; proved, 9-24-47;----; Pa.	6 daughters---	6	7,925	4.1	324
Sire, 16543; dam, 30876.	6 dams--------	22	8,165	3.7	301
Herd Owner, Orangeville Brown Swiss Farm, Sharpsville.	Difference----	(3-5-5)	-240	+.4	+23
COLLEGE KING OF BETTY JEAN 32314----------	5 daughters---	12	9,411	4.2	392
Born, 8-2-34; proved, 9-3-47;----; Wis.	5 dams--------	18	9,661	3.8	369
Sire, 29250; dam, 11387.	Difference----	(2-4-4)	-250	+.4	+23
Herd Owner, Carroll A. Gear, Plainfield.					
FOXWOOD'S GOLDEN MEX 43421----------	6 daughters---	9	11,516	3.8	442
Born, 6-6-39; proved, 9-11-47;----; Iowa.	6 dams--------	13	9,987	3.7	370
Sire, 35179; dam, 58124.	Difference----	(6-4-5)	+1,529	+.1	+72
Herd Owner, Earl I. Bruce, Altoona.					

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GAIL'S ROYAL OF LEE'S HILL 42947	18 daughters	22	13,065	4.0	521
Born, 12-29-38; proved, 9-11-47;----; Ill.	16 daughters	20	12,842	4.0	509
Sire, 28594; dam, 53448.	16 dams	64	11,354	4.0	458
Herd Owner, Henry Hafer & Sibley Estate, Sibley.	Difference	(12-7-11)	+1,488	.0	+51
ILLINI NELLIE DESIGN 2D 38348	12 daughters	26	9,431	3.9	363
Born, 8-10-37; proved, 9-9-47;----; Wis.	6 daughters	13	8,878	4.0	352
Sire, 29090; dam, 47378.	6 dams	13	11,183	3.9	436
Herd Owner, George Drunasky, Sun Prairie.	Difference	(1-4-1)	-2,305	+.1	-84
MAURICE OF SPRING VALLEY 26063	22 daughters	49	9,648	4.0	382
Born, 9-27-30; proved, 9-8-47;----; W. Va.	9 daughters	25	7,870	4.1	324
Sire, 13526; dam, 25439.	9 dams	25	9,119	4.1	374
Herd Owner, West Virginia Industrial School for Boys, Grafton.	Difference	(2-5-2)	-1,249	.0	-50
MR.BLANKUS BUSTER 41952	6 daughters	13	10,711	3.8	406
Born, 10-18-38; proved, 9-10-47;----; Iowa.	5 daughters	12	11,204	3.8	423
Sire, 31487; dam, 38625.	5 dams	16	10,033	3.8	376
Herd Owner, T. H. Luitjens, Ashton.	Difference	(4-3-4)	+1,171	.0	+47
NATALIE'S ROYAL BOY OF LEE'S HILL 41109	12 daughters	18	10,605	4.1	439
Born, 7-14-38; proved, 9-8-47;----; Ill.	9 daughters	13	11,083	4.2	464
Sire, 28594; dam, 46794.	9 dams	25	10,350	4.1	429
Herd Owner, A. M. Eisele, Peoria.	Difference	(6-5-5)	+733	+.1	+35
ONWARD 42600	15 daughters	24	9,457	4.2	402
Born, 10-28-38; proved, 9-11-47;----; Ohio.	7 daughters	9	9,403	4.2	397
Sire, 32960; dam, 45312.	7 dams	21	9,629	3.8	366
Herd Owner, J. L. Primmer, Arcanum.	Difference	(3-6-4)	-226	+.4	+31
ROYAL JANE'S MAX OF VERNON 43976	26 daughters	45	12,597	3.8	485
Born, 6-9-39; proved, 9-30-47;----; Mich.	23 daughters	41	12,796	3.9	495
Sire, 33458; dam, 55497.	23 dams	84	12,039	3.6	435
Herd Owner, August Dorr, Jr., Bay City.	Difference	(15-17-19)	+757	+.3	+60
SHERRY'S PRINCE EDWARD 41780	11 daughters	12	8,592	4.2	364
Born, 11-26-38; proved, 9-11-47;----; Wis.	7 daughters	8	8,583	4.2	364
Sire, 33458; dam, 65387.	7 dams	7	9,244	4.0	367
Herd Owner, E. Gearing & Sons Estate, Alma Center.	Difference	(2-6-4)	-661	+.2	- 3
SQUIRE'S ALLEN K. OF VILLA PINE 42410	7 daughters	8	8,396	3.9	331
Born, 3-27-38; proved, 9-9-47;----; Wis.	5 daughters	5	8,863	3.9	345
Sire, 35355; dam, 46627.	5 dams	9	10,773	3.7	402
Herd Owner, Ostval Farms, Burlington.	Difference	(1-5-1)	-1,910	+.2	-57
SWISS TOWN BROWN BOMBER 47248	7 daughters	8	11,438	4.0	458
Born, 8-18-39; proved, 9-30-47;----; Ill.	5 daughters	6	11,330	3.9	447
Sire, 32870; dam, 68513.	5 dams	10	12,654	3.6	460
Herd Owner, Arlington Farms, Chicago.	Difference	(2-4-1)	-1,324	+.3	-13
TARPLEYWICK MEXICO 30592	8 daughters	17	7,993	3.9	313
Born, 9-2-32; proved, 9-8-47;----; Iowa.	5 daughters	12	8,436	4.1	345
Sire, 25700; dam, 9638.	5 dams	34	8,604	4.3	366
Herd Owner, Floyd Lake, Iowa Falls.	Difference	(2-1-3)	-168	-.2	-21

GUERNSEY SIRES

ADONIS MARION 282625	7 daughters	9	5,421	5.0	272
Born, 5-1-39; proved, 9-12-47;----; Wis.	5 daughters	7	5,739	4.9	282
Sire, 264942; dam, 423852.	5 dams	13	6,956	4.8	333
Herd Owner, Joseph P. Weber, Sturtevant.	Difference	(0-3-1)	-1,217	+.1	-51
ARGILLA GENERAL LEE 245808 *9	16 daughters	24	7,763	4.9	377
Born, 12-24-36; proved, 9-19-47;----; Kans.	15 daughters	22	7,948	4.8	385
Sire, 203950; dam, 390534.	15 dams	42	7,298	5.0	367
Herd Owner, Ransom Farm, Homewood.	Difference	(13-4-8)	+650	-.2	+18
AUGUSTA'S KING OF SPAR HILL 268747	16 daughters	48	7,182	4.8	348
Born, 8-10-37; proved, 9-19-47;----; Pa.	15 daughters	44	7,219	4.8	350
Sire, 236860; dam, 350659.	15 dams	89	7,315	4.8	350
Herd Owner, Dr. Edward A. Webb, Avondale.	Difference	(8-9-8)	- 96	.0	0
BAYVILLE CHAMPION'S DUKE 265432	17 daughters	21	7,498	4.7	353
Born, 9-12-38; proved, 9-30-47;----; Va.	15 daughters	19	7,261	4.8	346
Sire, 136679; dam, 486654.	15 dams	30	8,089	5.2	419
Herd Owner, Bayville Farms, Lynnhaven.	Difference	(4-5-3)	-828	-.4	-73
BIG MEADOW COUNTRYMAN 280342	10 daughters	17	6,008	5.3	321
Born, 9-18-38; proved, 9-19-47;----; Vt.	7 daughters	14	5,972	5.4	320
Sire, 203669; dam, 483648.	7 dams	21	6,623	4.8	318
Herd Owner, Raymond F. Farrar, Chester Depot.	Difference	(3-7-4)	-651	+.6	+ 2

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BOLTON'S SYBARITE KING 241176 *10----------	16 daughters--	27	9,065	5.2	469
Born, 10-2-36; proved, 9-24-47;----; Pa.	16 dams-------	44	7,993	5.0	400
Sire, 177171; dam, 291909.	Difference----	(13-12-12)	+1,072	+.2	+69
Herd Owner, Trustees of University of Pa., Philadelphia.					
BOULDER BRIDGE CHANCELLOR 296269----------	8 daughters---	9	6,651	4.9	327
Born, 3-10-40; proved, 9-30-47;----; Wis.	6 daughters---	7	6,376	5.0	320
Sire, 259502; dam, 340050.	6 dams--------	21	5,744	5.0	289
Herd Owner, Charles J. Mitchell, Waukesha.	Difference----	(5-3-4)	+632	.0	+31
BOULDER BRIDGE CHARMER 202244 *5----------	33 daughters--	120	7,996	4.9	389
Born, 9-9-31; proved, 9-8-47;----; Minn.	24 daughters--	78	7,880	4.9	386
Sire, 145445; dam, 258009.	24 dams-------	79	7,521	4.7	355
Herd Owner, Francis Clinton, Watkins.	Difference----	(14-16-14)	+359	+.2	+31
BOULDER BRIDGE DEKE 221232 *5----------	15 daughters--	46	7,392	4.7	347
Born, 8-22-34; proved, 9-8-47; dead; Minn.	14 daughters--	40	7,386	4.7	349
Sire, 192481; dam, 355247.	14 dams-------	45	8,852	4.7	413
Herd Owner, Francis Clinton, Watkins.	Difference----	(4-10-3)	-1,466	.0	-64
BOULDER BRIDGE DICTATOR 294658----------	8 daughters---	9	7,558	5.0	380
Born, 1-10-40; proved, 9-25-47;----; Iowa.	8 dams--------	18	7,334	4.7	347
Sire, 259502; dam, 369596.	Difference----	(4-6-4)	+224	+.3	+33
Herd Owner, R. A. Nelson & Son, Independence.					
BOULDER BRIDGE HOPEFUL 293971----------	8 daughters---	10	7,372	4.9	364
Born, 6-27-40; proved, 9-25-47;----; Iowa.	8 dams--------	23	7,675	5.1	391
Sire, 145445; dam, 422181.	Difference----	(4-4-4)	-303	-.2	-27
Herd Owner, Arthur A. & Glen Satterlee, Independence.					
BOULDER BRIDGE LAUDABLE 256463----------	12 daughters--	28	6,588	4.8	319
Born, 5-14-37; proved, 9-5-47;----; Minn.	11 daughters--	27	6,626	4.9	322
Sire, 192481; dam, 166771.	11 dams-------	65	7,904	4.7	371
Herd Owner, Francis Clinton, Watkins.	Difference----	(3-8-4)	-1,278	+.2	-49
BUTLER OF BURKE'S TAVERN 283091----------	15 daughters--	19	8,009	5.0	400
Born, 9-1-39; proved, 9-30-47;----; Va.	9 daughters---	11	8,090	5.0	405
Sire, 193945; dam, 478322.	9 dams--------	20	6,685	4.8	319
Herd Owner, M. B. Farrar, Burkeville.	Difference----	(6-7-8)	+1,405	+.2	+86
CESOR JUPITER'S OVATION 235390----------	12 daughters--	20	9,096	4.8	434
Born, 4-13-36; proved, 9-11-47;----; Mich.	5 daughters---	9	9,150	4.7	435
Sire, 151542; dam, 287148.	5 dams--------	11	7,548	4.8	361
Herd Owner, Charles E. Wetherald, Grand Blanc.	Difference----	(4-2-4)	+1,602	-.1	+74
CHAUTAUQUA JULIUS 280983----------	8 daughters---	13	7,592	4.7	360
Born, 7-27-39; proved, 9-5-47; alive; N. Y.	8 dams--------	34	8,093	4.7	376
Sire, 189056; dam, 412652.	Difference----	(2-5-3)	-501	.0	-16
Herd Owner, Hooper Brothers, Jamestown.					
CHICONA CADY 280963----------	16 daughters--	25	8,767	4.8	419
Born, 6-14-39; proved, 9-5-47;----; Wash.	16 dams-------	51	9,185	4.7	435
Sire, 218521; dam, 540345.	Difference----	(3-10-4)	-418	+.1	-16
Herd Owner, Bonneville Dairy, Yakima.					
CHICONA LOUIS 286438----------	12 daughters--	19	9,569	5.1	491
Born, 10-28-39; proved, 9-30-47;----; Idaho.	7 daughters---	11	9,828	5.2	507
Sire, 279460; dam, 608848.	7 dams--------	18	9,324	5.1	473
Herd Owner, Charles J. Pritzl, New Plymouth.	Difference----	(6-4-5)	+504	+.1	+34
COHIRK'S ADMIRAL GOLDENBELL 277841----------	8 daughters---	13	7,408	4.7	351
Born, 3-18-39; proved, 9-19-47;----; Wis.	7 daughters---	12	7,276	4.8	353
Sire, 194065; dam, 225133.	7 dams--------	25	7,045	4.8	342
Herd Owner, Dr. Benjamin J. Birk, Thiensville.	Difference----	(4-5-4)	+231	.0	+11
DOROTHY MAE'S TRIO'S HEADLIGHT 218751----------	9 daughters---	15	6,436	5.0	324
Born, 1-9-33; proved, 9-30-47;----; Ill.	7 daughters---	12	6,435	5.1	326
Sire, 185872; dam, 230569.	7 dams--------	22	8,336	4.4	368
Herd Owner, John Reusch & Son, Elizabeth.	Difference----	(1-7-3)	-1,901	+.7	-42
ESTHER'S PRIDE OF IOWAGOLD 264760----------	12 daughters--	18	6,825	4.6	312
Born, 6-28-38; proved, 9-9-47;----; Iowa.	12 dams-------	40	8,111	4.5	365
Sire, 232786; dam, 428358.	Difference----	(3-9-3)	-1,286	+.1	-53
Herd Owner, R. A. Nelson & Son, Independence.					
FAIRLAWN DART 274656----------	20 daughters--	43	8,666	4.7	411
Born, 2-10-39; proved, 9-30-47;----; Pa.	5 daughters---	11	8,781	4.7	417
Sire, 189962; dam, 418991.	5 dams--------	15	7,817	4.7	364
Herd Owner, J. Thomas Carman, Glen Rock.	Difference----	(5-3-5)	+964	.0	+53
FLORINE'S ROYAL REX OF ELMWOOD 298569----------	5 daughters---	8	9,238	4.7	430
Born, 10-24-40; proved, 9-9-47;----; N. Y.	5 dams--------	20	9,137	4.9	448
Sire, 279696; dam, 537670.	Difference----	(2-1-3)	+101	-.2	-18
Owner, Broome-Tioga A. B. A.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FOX DEAN'S BLANTON 316887----------	11 daughters--	20	8,035	4.9	396
Born, 2-22-37; proved, 9-24-47;----; Va.	7 daughters---	12	8,073	4.9	397
Sire, 193735; dam, 294170.	7 dams--------	14	7,939	4.4	349
Herd Owner, R. L. Blanton, Ballsville.	Difference----	(4-7-6)	+134	+.5	+48
FOX DEAN'S GOODTIME 268993----------	15 daughters--	23	6,827	4.8	330
Born, 5-2-38; proved, 9-25-47;----; Va.	9 daughters---	13	6,932	4.8	332
Sire, 230887; dam, 464471.	9 dams--------	26	6,833	5.0	343
Herd Owner, H. W. Hancock, Winterpock.	Difference----	(5-3-4)	+ 99	-.2	-11
FRITZLYN JUPITER ROMERT 297218----------	5 daughters---	6	6,419	5.0	319
Born, 1-23-41; proved, 9-30-47;----; Pa.	5 dams--------	23	7,916	4.9	388
Sire, 185818; dam, 341531.	Difference----	(0-3-0)	-1,497	+.1	-69
Herd Owner, W. Paul Mummert, Chambersburg.					
GOLDIE'S LAD OF CEDAR GROVE 269561----------	6 daughters---	15	9,375	4.3	404
Born, 9-25-37; proved, 9-19-47;----; Pa.	5 daughters---	13	9,827	4.2	409
Sire, 229881; dam, 442113.	5 dams--------	12	11,694	3.6	420
Herd Owner, Kenneth Crawford, Tyrone.	Difference----	(1-4-2)	-1,867	+.6	-11
GREEN VALE CORONET'S RELIANCE 262096----------	10 daughters--	16	8,990	5.0	446
Born, 7-11-38; proved, 9-9-47; dead; Mich.	9 daughters---	15	8,970	5.0	445
Sire, 141902; dam, 359299.	9 dams--------	21	7,431	5.2	390
Herd Owner, Harry Stroven & Sons, Fremont.	Difference----	(9-4-8)	+1,539	-.2	+55
HAPPYHOLME JESSICA'S DEFIANCE 288218----------	10 daughters--	15	6,498	4.9	319
Born, 3-15-40; proved, 9-2-47;----; Calif.	9 daughters---	14	6,733	4.9	329
Sire, 205861; dam, 430899.	9 dams--------	33	7,719	4.6	356
Herd Owner, James N. Fulmor, Dixon.	Difference----	(3-6-5)	-986	+.3	-27
HILLTOP BUTTERFAT ADVANCER 263571----------	9 daughters---	16	6,839	5.0	344
Born, 5-20-38; proved, 9-3-47;----; Pa.	6 daughters---	13	6,663	5.0	333
Sire, 240324; dam, 286958.	6 dams--------	29	7,350	4.3	316
Herd Owner, Parkers View Farm, Parkers Landing.	Difference----	(2-5-2)	-687	+.7	+17
JOBETTY'S MASTER RAIDER 224283----------	9 daughters---	15	5,253	5.0	264
Born, 10-29-34; proved, 9-5-47;----; W. Va.	6 daughters---	12	5,926	5.0	295
Sire, 152811; dam, 67033.	6 dams--------	24	7,095	4.8	340
Herd Owner, Arthur B. Vowls, Philippi.	Difference----	(1-4-1)	-1,169	+.2	-45
LANGWATER RURALIST 263661----------	8 daughters---	16	9,493	5.1	486
Born, 4-1-38; proved, 9-9-47;----; Mass.	8 dams--------	33	9,497	4.6	436
Sire, 200171; dam, 501199.	Difference----	(3-6-5)	- 4	+.5	+50
Herd Owner, Millborn Farm, Millis.					
LAWRENCE OF ROSEDALE 275425----------	11 daughters--	17	8,737	5.0	434
Born, 8-5-38; proved, 9-30-47;----; Iowa.	10 daughters--	16	8,611	5.0	427
Sire, 234722; dam, 508392.	10 dams-------	30	8,183	5.0	412
Herd Owner, C. A. Hakeman, Sanborn.	Difference----	(5-4-6)	+428	.0	+15
LETTY'S MARKSMAN OF HAZEN 270180----------	5 daughters---	6	6,350	5.2	328
Born, 12-29-38; proved, 9-25-47;----; Pa.	5 dams--------	23	7,854	4.6	362
Sire, 246173; dam, 245119.	Difference----	(1-5-2)	-1,504	+.6	-34
Herd Owner, High W. Carrier, Atlantic.					
LIBERTY'S ROYAL REX 283934----------	9 daughters---	21	9,527	4.4	420
Born, 3-31-39; proved, 9-12-47;----; Iowa.	6 daughters---	14	9,097	4.5	412
Sire, 234978; dam, 469521.	6 dams--------	19	8,661	4.7	408
Herd Owner, Al Marshall, Dubuque.	Difference----	(3-2-3)	+436	-.2	+ 4
LINDY OF HESS LEHIGH 299404----------	8 daughters---	15	7,130	4.8	339
Born, 11-15-38; proved, 9-30-47;----; Pa.	7 daughters---	12	7,115	4.8	338
Sire, 229176; dam, 435782.	7 dams--------	17	6,229	4.6	288
Herd Owner, Hess Lehigh Farms, Macungie.	Difference----	(6-6-5)	+886	+.2	+50
LINWOOD'S GOLDEN RENOWN 288323----------	14 daughters--	19	7,610	4.6	354
Born, 4-1-40; proved, 9-12-47;----; Iowa.	9 daughters---	13	7,014	4.8	333
Sire, 244280; dam, 433714.	9 dams--------	35	6,580	4.9	321
Herd Owner, E. E. Peterson, Marshalltown.	Difference----	(6-4-6)	+434	-.1	+12
LONE ACRES REFLECTOR 296576----------	5 daughters---	9	8,567	5.0	432
Born, 12-18-38; proved, 9-30-47;----; Wis.	5 dams--------	15	8,712	4.9	429
Sire, 222016; dam, 237944.	Difference----	(2-3-3)	-145	+.1	+ 3
Herd Owner, Hubert P. Kipp, North Prairie.					
LONGWOOD EDA'S CHEER 283358----------	9 daughters---	18	7,612	4.8	368
Born, 3-22-39; proved, 9-22-47;----; Pa.	7 daughters---	16	7,251	5.0	359
Sire, 187797; dam, 401331.	7 dams--------	46	8,123	4.8	386
Herd Owner, Morriseinna Farm, Chatham.	Difference----	(1-4-2)	-872	+.2	-27
LULLABY'S GOLDEN LEADER 269432----------	12 daughters--	19	8,321	4.8	401
Born, 12-10-38; proved, 9-19-47;----; Va.	7 daughters---	12	7,443	4.9	363
Sire, 243366; dam, 506107.	7 dams--------	12	7,587	4.9	373
Herd Owner, George O. Pettus, Jr., Keysville.	Difference----	(3-4-2)	-144	.0	-10

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MARCUS OF THE OAKS FARM 289239----------	6 daughters---	11	7,604	5.4	409
Born, 12-29-39; proved, 9-22-47;----; Wis.	6 dams--------	18	7,836	4.9	385
Sire, 180733; dam, 516875.	Difference----	(2-5-4)	-232	+.5	+24
Herd Owner, Daniel Wellstein, Menomonie.					
MCCULLOUGH'S MAZIE'S CYCLONE 254363----------	9 daughters---	24	8,842	4.7	417
Born, 8-10-37; proved, 9-30-47;----; Pa.	9 dams--------	23	8,905	4.8	426
Sire, 198683; dam, 414580.	Difference----	(4-3-5)	- 63	-.1	- 9
Herd Owner, Clyde P. Menges, Newville.					
MCDONALD FARMS FOWLER 289537----------	14 daughters--	16	7,731	4.8	368
Born, 4-4-40; proved, 9-30-47;----; Wis.	10 daughters--	12	7,589	4.7	357
Sire, 233983; dam, 557951.	10 dams-------	25	7,015	4.9	345
Herd Owner, J. Frank Bradley & Son, Franksville.	Difference----	(5-2-6)	+574	-.2	+12
MON' CH'S PROUD SHOW BOY 249875----------	10 daughters--	22	7,252	5.4	390
Born, 9-16-35; proved, 9-12-47;----; Wis.	7 daughters---	13	7,303	5.5	400
Sire, 207627; dam, 162607.	7 dams--------	17	6,571	4.9	320
Herd Owner, Donald Hardie, Blair.	Difference----	(4-7-7)	+732	+.6	+80
NOBLE HOPE'S GENTLEMAN 274492----------	5 daughters---	9	7,680	4.7	359
Born, 6-27-38; proved, 9-24-47;----; Wis.	5 dams--------	14	8,389	4.5	379
Sire, 241157; dam, 443377.	Difference----	(2-3-2)	-709	+.2	-20
Herd Owner, Roe Nicholas, Whitewater.					
NOVA FARM'S PAT 278132----------	12 daughters--	16	6,917	4.9	340
Born, 4-6-39; proved, 9-30-47;----; Pa.	10 daughters--	14	6,840	5.0	343
Sire, 247178; dam, 604063.	10 dams-------	33	7,025	5.0	348
Herd Owner, Charles Lodge, Cambridge Springs.	Difference----	(5-6-6)	-185	.0	- 5
OAKVALE PRINCE ALBERT 229215----------	6 daughters---	14	6,313	4.9	307
Born, 10-31-32; proved, 9-3-47; dead; Minn.	5 daughters---	12	6,339	4.9	311
Sire, 183484; dam, 214727.	5 dams--------	20	6,360	4.8	304
Herd Owner, Hanks Brothers, Winnebago.	Difference----	(3-3-3)	- 21	+.1	+ 7
PARAMOUNT SARAH'S CHIEF 283076----------	13 daughters--	16	6,647	5.0	332
Born, 12-25-38; proved, 9-22-47;----; Kans.	10 daughters--	12	6,174	4.9	305
Sire, 233665; dam, 347990.	10 dams-------	33	7,474	4.6	343
Herd Owner, J. W. Thomas Estate, Humboldt.	Difference----	(4-8-4)	-1,300	+.3	-38
POLANNA'S FISHERMAN 316367----------	19 daughters--	24	7,625	4.7	357
Born, 5-9-39; proved, 9-22-47;----; Va.	14 daughters--	19	7,825	4.7	364
Sire, 206205; dam, 433456.	14 dams-------	44	6,862	4.7	323
Herd Owner, H. D. Hevener, Staunton.	Difference----	(10-5-9)	+963	.0	+41
POLLY JANE'S BEN OF ALLENDALE 269598----------	19 daughters--	38	6,973	4.8	336
Born, 11-11-38; proved, 9-19-47;----; Ohio.	16 daughters--	34	6,639	4.9	323
Sire, 249330; dam, 421016.	16 dams-------	38	6,729	4.9	327
Herd Owner, Allendale Farm, Kenton.	Difference----	(9-9-7)	- 90	.0	- 4
QUAIL ROOST EMINENT MODEL 278808----------	11 daughters--	12	7,996	4.6	371
Born, 8-13-39; proved, 9-25-47;----; Va.	10 daughters--	11	8,121	4.6	372
Sire, 215832; dam, 407850.	10 dams-------	16	6,267	4.6	289
Herd Owner, J. J. Sutphin, Wellville.	Difference----	(9-6-8)	+1,854	.0	+83
QUAIL ROOST LUCKY FAWN 282032----------	6 daughters---	6	6,440	5.0	321
Born, 11-5-39; proved, 9-30-47;----; Va.	5 daughters---	5	6,035	5.0	299
Sire, 227993; dam, 408685.	5 dams--------	10	5,655	4.9	276
Herd Owner, Bayville Farm, Lynnhaven.	Difference----	(4-4-4)	+380	+.1	+23
RANSOM PANSY'S PHILOSOPHER 288479----------	11 daughters--	13	7,278	4.7	341
Born, 5-29-40; proved, 9-22-47;----; Kans.	9 daughters---	10	7,342	4.7	342
Sire, 245808; dam, 561528.	9 dams--------	34	7,183	4.8	343
Herd Owner, Edward Dickerson, Parsons.	Difference----	(5-5-5)	+159	-.1	- 1
RANSOM'S DUTIFUL DICTATOR 227698----------	6 daughters---	8	5,889	5.1	298
Born, 3-26-35; proved, 9-2-47;----; Kans.	5 daughters---	7	5,742	5.1	293
Sire, 140556; dam, 268198.	5 dams--------	6	6,361	5.3	337
Herd Owner, Carl Schoenhofer, Walnut.	Difference----	(2-2-2)	-619	-.2	-44
REALANE'S GOLDEN CHAMPION 281974----------	7 daughters---	22	7,254	4.6	336
Born, 1-24-37; proved, 9-30-47;----; Wis.	5 daughters---	16	7,585	4.6	346
Sire, 224850; dam, 331949.	5 dams--------	12	7,149	4.6	332
Herd Owner, Theodore Wilde, Thiensville.	Difference----	(4-2-4)	+436	.0	+14
SCUDDER RANCH CAPTAIN 273800----------	32 daughters--	45	7,640	5.1	391
Born, 6-30-37; proved, 9-30-47;----; Wash.	25 daughters--	37	7,798	5.1	396
Sire, 251762; dam, 462311.	25 dams-------	54	8,686	4.6	397
Herd Owner, R. J. Bidstrup, Wapato.	Difference----	(7-21-14)	-888	+.5	- 1
SENATOR GALAHAD 303949----------	9 daughters---	20	4,410	4.8	212
Born, 11-4-37; proved, 9-11-47; dead; W. Va.	9 dams--------	40	5,794	4.5	261
Sire, 179455; dam, 589837.	Difference----	(1-5-2)	-1,384	+.3	-49
Herd Owner, J. N. Thatcher & Co., Martinsburg.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SPRUCE LANE'S MUSSER 278489	8 daughters	15	7,105	4.7	334
Born, 4-17-39; proved, 9-30-47;----; Wis.	7 daughters	14	7,305	4.6	338
Sire, 242019; dam, 483984.	7 dams	18	7,364	4.2	312
Herd Owner, Leo Kowitz, Norwalk.	Difference	(4-7-5)	- 59	+.4	+26
TARBELL FARMS PEERLESS BEACON 280020	12 daughters	16	9,208	5.3	486
Born, 1-23-39; proved, 9-25-47;----; Pa.	10 daughters	12	9,308	5.3	489
Sire, 214202; dam, 440220.	10 dams	62	9,557	4.7	447
Herd Owner, Vaughn Brothers, Mehoopany.	Difference	(6-9-8)	-249	+.6	+42
TIANNA'S HERCULES 217304	7 daughters	8	5,867	4.9	286
Born, 12-5-33; proved, 9-24-47;----; Minn.	5 daughters	6	5,967	4.9	292
Sire, 187451; dam, 354153.	5 dams	21	6,684	4.8	319
Herd Owner, Burnamoor, Albert Lea.	Difference	(3-3-3)	-717	+.1	-27
VINCENT OF ARTHUR FARMS 287514	11 daughters	14	7,085	5.2	372
Born, 7-7-40; proved, 9-12-47;----; Pa.	9 daughters	12	6,825	5.3	359
Sire, 213889; dam, 187864.	9 dams	38	8,062	4.6	372
Herd Owner, Dr. H. S. Arthur, Fort Loudon.	Difference	(3-8-4)	-1,237	+.7	-13
WANDAMERE BETTY'S BARRISTER 275764	16 daughters	39	8,448	4.8	410
Born, 7-23-37; proved, 9-24-47;----; Wash.	14 daughters	37	8,735	4.9	424
Sire, 225312; dam, 413930.	14 dams	77	8,887	5.0	442
Herd Owner, Fairview Guernsey Farm, Prosser.	Difference	(8-5-3)	-152	-.1	-18
WATKINS CHARMER REX 303413	7 daughters	11	7,693	4.8	366
Born, 10-28-40; proved, 9-5-47; alive; Minn.	6 daughters	9	7,641	4.8	366
Sire, 202244; dam, 624486.	6 dams	32	8,211	4.8	395
Herd Owner, Francis Clinton, Watkins.	Difference	(2-2-2)	-570	.0	-29
WATKINS MOBY DICK 327569	9 daughters	9	7,281	4.8	353
Born, 9-18-41; proved, 9-5-47; dead; Minn.	9 dams	25	6,918	4.9	338
Sire, 202244; dam, 579462.	Difference	(5-4-5)	+363	-.1	+15
Owner, Villard A. B. A.					
WAYSIDE'S GOVERNOR 297843	8 daughters	8	8,526	4.6	395
Born, 4-1-40; proved, 9-30-47;----; N. Y.	7 daughters	7	8,342	4.6	387
Sire, 252156; dam, 542398.	7 dams	23	7,048	4.6	325
Herd Owner, H. R. Way & Sons, Churchville.	Difference	(5-4-5)	+1,294	.0	+62
WILLOWMERE HUNTER 288032	12 daughters	13	8,505	4.5	385
Born, 1-10-40; proved, 9-30-47:----; Va.	11 daughters	12	8,786	4.5	399
Sire, 209730; dam, 375039.	11 dams	42	8,020	4.6	371
Herd Owner, Ed. R. Brown, Purcellville.	Difference	(9-4-8)	+766	-.1	+28
WILLOWMERE PEER 268807	10 daughters	18	7,800	4.8	371
Born, 10-11-36; proved, 9-19-47;----; Va.	7 daughters	15	7,649	5.0	379
Sire, 209730; dam, 399661.	7 dams	34	8,541	4.5	382
Herd Owner, W. D. McNair & Son, Herndon.	Difference	(2-7-3)	-892	+.5	- 3
16*C40411 (BANGS OR TB EARTAG)	7 daughters	20	6,072	4.4	270
Born, ----; proved, 9-30-47;----; Conn.	5 daughters	14	6,331	4.5	285
Sire, ----; dam, ----.	5 dams	18	5,524	4.2	232
Herd Owner, Alrich E. Nelson, Southbury.	Difference	(3-4-5)	+807	+.3	+53
35*HE37966 (BANGS OR TB EARTAG)	7 daughters	16	5,101	4.5	232
Born, ----; proved, 9-12-47;----; Wis.	7 dams	11	6,091	4.5	274
Sire, ----; dam, ----.	Difference	(2-5-2)	-990	.0	-42
Herd Owner, L. Earl Davenport, Cashton.					
35*HL51358 (BANGS OR TB EARTAG)	10 daughters	13	7,559	4.4	335
Born, ----; proved, 9-10-47;----; Wis.	6 daughters	9	7,878	4.3	342
Sire, ----; dam, ----.	6 dams	12	6,978	4.2	290
Herd Owner, Julius Jilek, Antigo.	Difference	(4-3-5)	+900	+.1	+52
52-A5310 (DHIA EARTAG)	8 daughters	17	7,215	4.6	334
Born,----; proved, 9-11-47;----; Va.	5 daughters	9	7,637	4.4	338
Sire, ----; dam, ----.	5 dams	21	10,708	3.9	415
Herd Owner, William T. & Currell Piggott, Purcellville.	Difference	(0-4-0)	-3,071	+.5	-77

HOLSTEIN SIRES

ABBEKERK SIR MATCHLESS 723171	15 daughters	32	12,037	3.5	417
Born, 11-20-35; proved, 9-22-47;----; N. Y.	6 daughters	10	12,171	3.6	434
Sire, 671872; dam, 1432255.	6 dams	9	13,202	3.6	475
Herd Owner, Herman Rice & Son, St. Johnsville.	Difference	(1-4-1)	-1,031	.0	-41
ACACIA PEERLESS SUSIE MONARCH 785753	9 daughters	15	10,962	3.4	375
Born, 8-17-39; proved, 9-12-47;----; Ill.	5 daughters	8	11,702	3.4	394
Sire, 760292; dam, 1903955.	5 dams	13	9,399	3.2	302
Herd Owner, Fred Baker & Sons, Neoga.	Difference	(4-3-5)	+2,303	+.2	+92

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ACME MODEL MAN-O-WAR 777442	24 daughters	56	13,259	3.4	455
Born, 11-25-37; proved, 9-9-47; dead ; Calif.	18 daughters	46	13,466	3.4	459
Sire, 619004; dam, 1504012.	18 dams	41	11,781	3.5	407
Herd Owner, A. Verne Crowell, Turlock.	Difference	(14-11-13)	+1,685	-.1	+52
ADMIRAL ORMSBY COLANTHA MERCEDES 783028	13 daughters	20	14,160	3.5	491
Born, 8-27-39; proved, 9-16-47; ----; Wis.	13 dams	51	12,324	3.5	426
Sire, 676723; dam, 1590258.	Difference	(11-8-11)	+1,836	.0	+65
Herd Owner, Knauf & Tesch Co., Chilton.					
ADMIRAL ORMSBY FOBES BEECHWOOD 3D (TWIN) 724521	14 daughters	35	11,043	3.7	411
Born, 5-31-35; proved, 9-30-47; ----; Wis.	8 daughters	21	10,191	3.8	385
Sire, 662583; dam, 1085668.	8 dams	27	10,302	3.4	351
Herd Owner, Pinehurst Farm, Sheboygan Falls.	Difference	(4-7-5)	-111	+.4	+34
ADMIRAL ORMSBY JOHANNA 731441	9 daughters	16	12,341	3.5	428
Born, 9-30-36; proved, 9-30-47; dead; N. J.	8 daughters	14	12,376	3.5	432
Sire, 696070; dam, 1585387.	8 dams	25	11,659	3.6	416
Herd Owner, Ernest B. Van Lieu, Ringoes.	Difference	(5-2-4)	+717	-.1	+16
BAIRDLEA CARNATION ABBEKERK 785741	18 daughters	34	12,658	3.5	445
Born, 8-8-39; proved, 9-30-47; ----; N. Y.	17 daughters	31	12,571	3.5	442
Sire, 659870; dam, 1457538.	17 dams	74	11,726	3.4	393
Herd Owner, Beatty Farms, Kingston.	Difference	(13-15-13)	+845	+.1	+49
BAIRDLEA CARNATION USUF 797648	14 daughters	23	10,648	3.4	358
Born, 5-21-38; proved, 9-9-47; dead; N. Y.	10 daughters	18	10,590	3.4	362
Sire, 659870; dam, 2066190.	10 dams	25	10,215	3.4	348
Herd Owner, Charles F. Johnson, Chester.	Difference	(5-6-5)	+375	.0	+14
BAKER FARM JUDGE DIRECT (TWIN) 779396	13 daughters	13	12,430	3.5	437
Born, 3-28-39; proved, 9-11-47; dead; Conn.	12 daughters	12	12,132	3.5	428
Sire, 553013; dam, 1817907.	12 dams	39	9,854	3.4	334
Herd Owner, Mansfield State Training School, Mansfield Depot.	Difference	(9-8-11)	+2,278	+.1	+94
BEAR ROCK NATSEY HERO 778036	10 daughters	14	9,123	3.8	347
Born, 1-22-39; proved, 9-23-47; ----; W. Va.	9 daughters	12	9,269	3.8	355
Sire, 697642; dam, 1653839.	9 dams	26	9,512	3.5	331
Herd Owner, Locust Hill Dairy, Clarksburg.	Difference	(4-8-7)	-243	+.3	+24
BECKVALE PIETERTJE FOBES 778074	9 daughters	14	10,493	3.6	379
Born, 10-28-38; proved, 9-4-47; ----; Wis.	8 daughters	13	10,519	3.6	380
Sire, 618948; dam, 1787680.	8 dams	29	9,742	3.5	342
Herd Owner, Frisbie Brothers, Juneau.	Difference	(6-4-7)	+777	+.1	+38
BEECHCOTE ORMSBY JIM 786752	11 daughters	15	10,703	3.3	358
Born, 3-26-39; proved, 9-8-47; ----; Mich.	7 daughters	8	11,183	3.4	378
Sire, 640352; dam, 1922911.	7 dams	15	11,618	3.3	382
Herd Owner, Harold D. Auten, Goodrich.	Difference	(4-6-3)	-435	+.1	- 4
BEECHWOOD ORMSBY FOBES STAR 781236	14 daughters	19	11,832	3.2	375
Born, 11-27-38; proved, 9-9-47; ----; Wis.	13 daughters	18	11,766	3.2	373
Sire, 715944; dam, 1518461.	13 dams	54	10,670	3.4	364
Herd Owner, Julian B. Buss & Son, Waterloo.	Difference	(9-6-9)	+1,096	-.2	+ 9
BESSLYN JACK ORMSBY FOBES 790364	7 daughters	7	10,359	3.4	352
Born, 12-1-39; proved, 9-30-47; ----; Wis.	7 dams	26	11,921	3.5	413
Sire, 711381; dam, 1808191.	Difference	(2-4-4)	-1,562	-.1	-61
Herd Owner, Arthur Volkman, Juneau.					
BESSLYN SAMBO ORMSBY FOBES 790362	10 daughters	17	9,246	3.5	324
Born, 9-24-39; proved, 9-17-47; ----; Wis.	8 daughters	14	10,053	3.5	348
Sire, 711381; dam, 1671096.	8 dams	27	10,219	3.4	352
Herd Owner, George Mann, Fox Lake.	Difference	(4-5-5)	-166	+.1	- 4
BIG ROCK GOVERNOR CORAL 826290	11 daughters	14	11,202	3.8	424
Born, 3-12-41; proved, 9-2-47; alive; N. Y.	10 daughters	13	11,068	3.8	417
Sire, 729172; dam, 1564750.	10 dams	38	12,883	3.6	464
Herd Owner, Arthur L. Davis, Greene.	Difference	(2-7-4)	-1,815	+.2	-47
BLACKMOUNT FAME 788895	12 daughters	21	10,296	3.4	348
Born, 3-6-38; proved, 9-19-47; ----; N. H.	9 daughters	16	10,380	3.4	350
Sire, 617203; dam, 1509831.	9 dams	28	10,461	3.4	356
Herd Owner, Stoddard Brothers, North Haverhill.	Difference	(5-4-5)	- 81	.0	- 6
BOAST DAD ORMSBY KENT 806127	9 daughters	14	11,479	3.8	435
Born, 3-11-40; proved, 9-9-47; ----; N. Y.	8 daughters	13	11,761	3.8	445
Sire, 756710; dam, 1787151.	8 dams	22	11,534	3.6	414
Herd Owner, Francis C. Snow, Memphis.	Difference	(5-7-6)	+227	+.2	+31
BOILING SPRINGS ORMSBY LINDY 727856	8 daughters	12	10,354	3.6	371
Born, 2-7-36; proved, 9-15-47; ----; Pa.	5 daughters	7	10,380	3.6	379
Sire, 614584; dam, 1596120.	5 dams	5	10,892	3.7	406
Herd Owner, Kinsey Distilling Corp., Linfield.	Difference	(2-2-2)	-512	-.1	-27

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BURKE DUKE WALKER 783337----------	13 daughters--	22	12,432	3.5	441
Born, 1-17-39; proved, 9-16-47;----; Pa.	11 daughters--	18	12,215	3.6	434
Sire, 718724; dam, 1741445.	11 dams-------	48	11,969	3.3	391
Herd Owner, Carbon County Home, Weatherly.	Difference----	(6-10-8)	+246	+.3	+43
BUR-OR SIR BESS ORMSBY PRIDE 802872----------	6 daughters---	9	11,926	3.4	404
Born, 12-23-39; proved, 9-2-47;----; Iowa.	5 daughters---	8	12,300	3.4	421
Sire, 710796; dam, 1437696.	5 dams--------	17	12,869	3.6	469
Herd Owner, Fairfield Farms, Waterloo.	Difference----	(0-2-1)	-569	-.2	-48
CALIFORNIA ESTHER FRANK 807138----------	18 daughters--	19	9,500	3.5	332
Born, 1-18-40; proved, 9-30-47;----; Calif.	16 daughters--	17	9,487	3.5	335
Sire, 518683; dam, 1875843.	16 dams-------	55	10,467	3.7	383
Herd Owner, Clarence H. Davis, Elmira.	Difference----	(4-7-4)	-980	-.2	-48
CANARY HANDY BROOK GOLZ 786728----------	7 daughters---	17	11,355	3.4	389
Born, 1-27-39; proved, 9-8-47;----; Wis.	5 daughters---	12	10,836	3.5	377
Sire, 736283; dam, 1683996.	5 dams--------	13	10,594	3.3	355
Herd Owner, Sam Ladwig, Monroe.	Difference----	(4-5-4)	+242	+.2	+22
CARNATION IMPERIAL MATADOR LAD 729176 *8----------	19 daughters--	23	11,473	3.7	424
Born, 12-10-35; proved, 9-15-47;----; Ill.	19 dams-------	61	12,883	3.5	454
Sire, 698462; dam, 1639629.	Difference----	(7-15-11)	-1,410	+.2	-30
Herd Owner, Illinois Masonic Home, Sullivan.					
CARNATION INKA SEGIS WALKER 781856----------	14 daughters--	25	11,190	3.6	403
Born, 2-18-39; proved, 9-10-47; dead; Ill.	11 daughters--	19	11,288	3.6	405
Sire, 422078; dam, 874203.	11 dams-------	32	11,990	3.6	429
Herd Owner, Rainbow Dairy Farm, Wasco.	Difference----	(2-5-3)	-702	.0	-24
CARNATION MONARCH SEGIS 651585 *4----------	29 daughters--	75	12,927	3.4	443
Born, 8-3-31; proved, 9-12-47; dead; Ill.	26 daughters--	69	12,946	3.4	442
Sire, 396511; dam, 1203390.	26 dams-------	108	12,124	3.6	432
Herd Owner, Illinois Masonic Home, Sullivan.	Difference----	(14-13-11)	+822	-.2	+10
CARNATION PEERLESS PIEBE 705144 *6----------	14 daughters--	40	12,897	3.3	428
Born, 5-30-34; proved, 9-12-47; dead; Ill.	14 dams-------	37	12,651	3.3	413
Sire, 629480; dam, 1326283.	Difference----	(7-11-8)	+246	.0	+15
Herd Owner, Illinois Masonic Home, Sullivan.					
CARNATION TOPPER 863769----------	7 daughters---	7	11,829	3.6	428
Born, 8-20-42; proved, 9-10-47;----; Minn.	7 dams--------	30	11,507	3.5	405
Sire, 698462; dam, 2102341.	Difference----	(5-5-4)	+322	+.1	+23
Herd Owner, Ernest F. Sloan, Ellendale.					
C E B PIEBE SENSATION 3D 789504----------	10 daughters--	10	7,453	3.7	278
Born, 10-21-39; proved, 9-11-47;----; Pa.	9 daughters---	9	7,551	3.7	283
Sire, 759361; dam, 1698045.	9 dams--------	51	11,779	3.4	401
Herd Owner, Elmer Doyle, Pleasant Mount.	Difference----	(0-9-0)	-4,228	+.3	-118
CEDAR PARK CASCADE DUKE PRILLY 781734----------	10 daughters--	20	10,921	3.4	374
Born, 8-18-38; proved, 9-9-47;----; Wis.	8 daughters---	18	11,494	3.4	393
Sire, 736810; dam, 1808889.	8 dams--------	36	11,059	3.5	391
Herd Owner, Elsmer F. Berg, Brownsville.	Difference----	(5-4-4)	+435	-.1	+ 2
CEYDERMEAD SIR BELL ORMSBY (TWIN) 707907----------	12 daughters--	36	12,086	3.5	418
Born, 12-5-34; proved, 9-30-47;----; N. Y.	5 daughters---	16	11,211	3.5	388
Sire, 624923; dam, 1292199.	5 dams--------	20	14,473	3.1	451
Herd Owner, George J. Patrick & Sons, Perry.	Difference----	(0-5-0)	-3,262	+.4	-63
CHARLEY RAG-HERO IDEAL 788205----------	6 daughters---	9	13,115	3.3	436
Born, 1-26-39; proved, 9-11-47;----; N. Y.	6 dams--------	27	13,903	3.4	473
Sire, 565375; dam, 1386584.	Difference----	(3-3-4)	-788	-.1	-37
Herd Owner, Warren W. Whitney & Sons, Clymer.					
CHERRYBOLD ADMIRAL CAPTAIN 796227----------	13 daughters--	19	11,655	3.6	418
Born, 11-4-39; proved, 9-2-47;----; Wis.	12 daughters--	18	11,991	3.6	431
Sire, 676723; dam, 1688545.	12 dams-------	58	12,458	3.6	443
Herd Owner, Elmer Kloehn, Forest Junction.	Difference----	(7-8-7)	-467	.0	-12
CHIEF RAG APPLE YEKE 782852----------	17 daughters--	32	10,001	3.8	383
Born, 9-28-39; proved, 9-12-47;----; Pa.	14 daughters--	28	9,983	3.9	385
Sire, 743113; dam, 1945948.	14 dams-------	48	11,649	3.4	394
Herd Owner, Russell W. Giles & Sons, Pleasant Mount.	Difference----	(3-14-7)	-1,666	+.5	- 9
CLARIDGE SIR MINERVA CHAMPION 784407----------	8 daughters---	10	11,627	3.7	426
Born, 8-15-39; proved, 9-5-47; dead; N. Y.	7 daughters---	9	11,668	3.6	424
Sire, 617592; dam, 1622946.	7 dams--------	26	12,765	3.5	449
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference----	(2-5-1)	-1,097	+.1	-25
COLFAX CARNATION MADCAP 819064----------	6 daughters---	7	14,998	3.5	532
Born, 6-22-40; proved, 9-10-47; alive; Iowa.	6 dams--------	16	11,666	3.7	432
Sire, 740309; dam, 1990865.	Difference----	(3-2-5)	+3,332	-.2	+100
Herd Owner, J. P. Rasmussen & Son, Maynard.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
COMMONWEALTH KING FISH 747396----------	8 daughters---	11	12,047	3.5	416
Born, 3-3-37; proved, 9-2-47; dead; Ky.	6 daughters---	8	11,858	3.4	403
Sire, 742656; dam, 1099025.	6 dams--------	21	11,498	3.7	422
Herd Owner, Kentucky House of Reform, Greendale.	Difference----	(4-2-2)	+360	-.3	-19
CONEWANGO SENSATION COLILITH 792857----------	14 daughters--	19	10,627	3.2	343
Born, 10-15-39; proved, 9-2-47;----; Pa.	14 dams-------	35	9,829	3.2	313
Sire, 587799; dam, 1486728.	Difference----	(10-8-10)	+798	.0	+30
Herd Owner, Warren State Hospital, Warren.					
CONEWANGO S PONTIAC BOUNTER 695490----------	5 daughters---	16	12,780	3.4	432
Born, 11-29-33; proved, 9-30-47;----; Pa.	5 dams--------	29	11,472	3.4	393
Sire, 587799; dam, 1308774.	Difference----	(3-2-3)	+1,308	.0	+39
Herd Owner, Pennsylvania Training School, Morganza.					
CORNELL PRIDE 7TH 721414----------	7 daughters---	12	10,877	3.6	389
Born, 11-2-35; proved, 9-2-47;----; N. Y.	7 dams--------	18	11,212	3.4	384
Sire, 689012; dam, 1597471.	Difference----	(2-5-2)	-335	+.2	+ 5
Herd Owner, Charles H. Scudder, Campbell.					
CORNUCOPIA MATADOR PIETJE 799055----------	10 daughters--	16	10,218	3.6	369
Born, 10-15-39; proved, 9-10-47;----; Wis.	10 dams-------	45	10,358	3.7	383
Sire, 669721; dam, 1974332.	Difference----	(5-5-5)	-140	-.1	-14
Herd Owner, Frank Bergel, Two Rivers.					
CORNUCOPIA SENSATION 790941----------	21 daughters--	27	10,289	3.3	337
Born, 10-12-38; proved, 9-30-47;----; Wis.	19 daughters--	24	10,279	3.2	334
Sire, 719967; dam, 1864747.	19 dams-------	58	10,392	3.4	351
Herd Owner, Gustav Kasten Estate, Juneau.	Difference----	(9-5-8)	-113	-.2	-17
CORNUCOPIA VEEMAN TIDY 798587----------	6 daughters---	10	10,463	3.4	352
Born, 5-31-39; proved, 9-5-47;----; Iowa.	5 daughters---	8	10,712	3.3	359
Sire, 731137; dam, 1630188.	5 dams--------	22	10,367	3.5	363
Herd Owner, LaVern Newton, Iowa Falls.	Difference----	(3-1-2)	+345	-.2	- 4
COUNT DESIGN POSCH 789961----------	13 daughters--	15	11,154	3.3	363
Born, 9-22-39; proved, 9-19-47; dead; N. Y.	7 daughters---	8	11,286	3.3	371
Sire, 715568; dam, 1570760.	7 dams--------	12	10,957	3.5	388
Herd Owner, F. L. Damon & Son, New Woodstock.	Difference----	(4-1-3)	+329	-.2	-17
COUNT LIBANUS POSCH 783138----------	14 daughters--	17	14,854	3.5	519
Born, 4-14-39; proved, 9-8-47; dead; N. Y.	12 daughters--	13	14,830	3.5	523
Sire, 661108; dam, 1499190.	12 dams-------	38	12,397	3.6	445
Herd Owner, Charles Clark & Son, Camden.	Difference----	(11-6-9)	+2,433	-.1	+78
CRESTON TRIUNE DIRECTOR 786473----------	11 daughters--	19	12,970	3.4	442
Born, 8-13-39; proved, 9-16-47;----; Mich.	7 daughters---	10	12,336	3.3	401
Sire, 725353; dam, 1480287.	7 dams--------	14	12,552	3.4	428
Herd Owner, John Detmers & Sons, Ionia.	Difference----	(3-3-2)	-216	-.1	-27
DAD BOAST BEST SEGIS KIMPRE 27TH 796421----------	9 daughters---	15	9,191	3.4	312
Born, 10-5-38; proved, 9-9-47; dead; N. Y.	8 daughters---	14	9,268	3.3	307
Sire, 614240; dam, 1636861.	8 dams--------	30	10,415	3.3	339
Herd Owner, H. A. Colburn & Son, Kennedy.	Difference----	(2-4-3)	-1,147	.0	-32
DAUNTLESS ROYAL PIEBE (TWIN) 833728----------	6 daughters---	6	12,015	3.8	452
Born, 7-5-41; proved, 9-30-47;----; Va.	6 dams--------	19	10,195	3.3	339
Sire, 668530; dam, 1930695.	Difference----	(5-6-5)	+1,820	+.5	+113
Herd Owner, George T. Carr, Charlottesville.					
DIX SIR BESS EVELYN JEWEL 772265----------	14 daughters--	21	12,395	3.2	394
Born, 6-20-38; proved, 9-4-47;----; Wis.	9 daughters---	13	12,781	3.2	408
Sire, 642056; dam, 1920178.	9 dams--------	26	11,196	3.6	399
Herd Owner, Peter Templeton & Son, Evansville.	Difference----	(7-1-5)	+1,585	-.4	+ 9
DUNLOGGIN DUTCH MASTER 702624----------	20 daughters--	31	11,453	3.5	398
Born, 2-13-35; proved, 9-30-47;----; Wis.	9 daughters---	12	11,025	3.5	388
Sire, 667915; dam, 1020710.	9 dams--------	17	9,956	3.5	349
Herd Owner, Walter R. Lange, Watertown.	Difference----	(7-6-5)	+1,069	.0	+39
FEMCO CALAMITY POSCH PRIDE 797418----------	11 daughters--	13	13,909	3.8	530
Born, 3-20-40; proved, 9-9-47;----; Kans.	11 dams-------	27	11,730	3.7	436
Sire, 629473; dam, 1354762.	Difference----	(9-7-8)	+2,179	+.1	+94
Herd Owner, T. Hobart McVay, Nickerson.					
FEMCO ROYAL 697000----------	19 daughters--	24	10,099	3.6	360
Born, 4-28-34; proved, 9-30-47;----; Minn.	6 daughters---	6	9,174	3.5	317
Sire, 422078; dam, 1073533.	6 dams--------	8	9,976	3.3	332
Herd Owner, Paschke & Schwen, Blue Earth.	Difference----	(3-4-4)	-802	+.2	-15
FOBES ABBEKERK ORMSBY COLANTHUS 801600----------	10 daughters--	10	12,441	3.9	487
Born, 9-10-39; proved, 9-9-47; dead; Ill.	9 daughters---	9	12,199	3.9	473
Sire, 757566; dam, 1543922.	9 dams--------	28	12,428	3.5	439
Herd Owner, Ernie H. Ellingson, Poplar Grove.	Difference----	(3-9-6)	-229	+.4	+34

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FOBES NEELTJE VALE 766948----------	12 daughters--	17	10,375	3.6	376
Born, 1-7-38; proved, 9-9-47; dead; Ill.	10 daughters--	14	10,304	3.6	374
Sire, 701102; dam, 1773169.	10 dams-------	38	10,136	3.6	370
Herd Owner, Kenneth Hoffman, Dundee.	Difference----	(5-6-6)	+168	.0	+ 4
FOBES POSCH COLANTHA (TWIN) 709029----------	16 daughters--	18	13,414	3.5	471
Born, 8-26-34; proved, 9-23-47;----; Wis.	11 daughters--	13	13,486	3.6	481
Sire, 665420; dam, 1203186.	11 dams-------	26	13,222	3.2	421
Herd Owner, William D. Jaeger, Chilton.	Difference----	(4-9-7)	+264	+.4	+60
FOREST SIR POSCH OLLIE 786348----------	12 daughters--	21	12,183	3.3	406
Born, 1-19-39; proved, 9-16-47;----; Wis.	11 daughters--	20	12,528	3.3	417
Sire, 571221; dam, 1906902.	11 dams-------	56	11,487	3.4	386
Herd Owner, Keuler Brothers, Chilton.	Difference----	(9-6-8)	+1,041	-.1	+31
GENEVA JOE KICAM 790653----------	7 daughters---	14	10,240	3.4	352
Born, 9-20-39; proved, 9-19-47; dead; Nebr.	7 dams--------	26	11,095	3.5	390
Sire, 745017; dam, 1621901.	Difference----	(1-2-2)	-855	-.1	-38
Herd Owner, State Board of Control, Lincoln.					
GENODALE HOWARD LADY BOY 785997----------	10 daughters--	11	10,099	3.8	381
Born, 11-7-39; proved, 9-16-47;----; N. Y.	9 daughters---	10	10,201	3.8	383
Sire, 644883; dam, 1861005.	9 dams--------	30	12,434	3.6	445
Herd Owner, I. J. Calkins, Avoca.	Difference----	(2-6-2)	-2,233	+.2	-62
GERHARDT TRIUNE CONDUCTOR BORDEN 800162----------	12 daughters--	12	9,623	3.3	322
Born, 4-15-40; proved, 9-9-47;----; Kans.	10 daughters--	10	9,688	3.3	322
Sire, 748166; dam, 2036125.	10 dams-------	25	7,414	3.6	264
Herd Owner, Earl Tebow, Courtland.	Difference----	(8-3-8)	+2,274	-.3	+58
GETZENDANER INKA ORMSBY BESSIE 788403----------	13 daughters--	19	10,613	3.5	370
Born, 9-23-38; proved, 9-16-47;----; Ill.	5 daughters---	7	11,019	3.5	381
Sire, 736083; dam, 1902429.	5 dams--------	20	10,634	3.6	385
Herd Owner, Raymond Buker, Oregon.	Difference----	(3-2-2)	+385	-.1	- 4
GLEN EDEN S E ROMEO BO 787530----------	14 daughters--	14	11,045	3.7	404
Born, 12-8-39; proved, 9-11-47; dead; N. Y.	14 dams-------	61	11,092	3.5	383
Sire, 787441; dam, 2052592.	Difference----	(6-13-8)	- 47	+.2	+21
Herd Owner, Harry Munsell, New Hartford.					
GOVERNOR MERCEDES 24TH 712360----------	11 daughters--	22	11,407	3.6	413
Born, 4-2-35; proved, 9-30-47;----; N. Y.	11 dams-------	31	12,418	3.3	413
Sire, 586228; dam, 1460540.	Difference----	(3-9-7)	-1,011	+.3	0
Herd Owner, Niver Homestead Farm, Ancramdale.					
GREEN VALLEY DUKE ADMIRAL 790213----------	23 daughters--	36	12,642	3.5	439
Born, 12-30-38; proved, 9-30-47;----; Wis.	11 daughters--	17	11,910	3.5	414
Sire, 704027; dam, 1904112.	11 dams-------	19	14,640	3.4	500
Herd Owner, Robert Byrnes, Fond du Lac.	Difference----	(2-8-2)	-2,730	+.1	-86
GREENWOOD TANTALIZER 709438----------	16 daughters--	35	9,596	3.4	329
Born, 10-26-34; proved, 9-30-47;----; Pa.	10 daughters--	20	9,448	3.4	325
Sire, 519021; dam, 1071967.	10 dams-------	22	9,730	3.1	302
Herd Owner, R. M. Morgan & Sons, Bridgeville.	Difference----	(5-9-6)	-282	+.3	+23
HALDANE IVAN PATSY PATRICK 788567----------	8 daughters---	8	10,846	3.6	388
Born, 3-15-39; proved, 9-8-47;----; Wis.	6 daughters---	6	10,820	3.6	394
Sire, 587177; dam, 1738063.	6 dams--------	12	8,212	3.4	278
Herd Owner, L. A. Markham, Janesville.	Difference----	(5-5-4)	+2,608	+.2	+116
HAMER PIETERTJE POSCE 788557----------	8 daughters---	8	11,512	3.1	360
Born, 3-26-39; proved, 9-16-47;----; Iowa.	5 daughters---	5	11,094	3.1	346
Sire, 749574; dam, 1965245.	5 dams--------	8	9,871	3.2	316
Herd Owner, August A. Buhr, Sumner.	Difference----	(4-2-3)	+1,223	-.1	+30
HAWTHORN SENATOR MCKINLEY FOBES 790549----------	10 daughters--	17	11,030	3.4	373
Born, 7-24-39; proved, 9-30-47;----; Iowa.	7 daughters---	10	10,440	3.4	356
Sire, 741205; dam, 1524268.	7 dams--------	20	11,781	3.7	440
Herd Owner, William C. Nieman & Dr. J. Carl Painter, Delhi.	Difference----	(2-1-1)	-1,341	-.3	-84
HAYS MARMADUKE 7TH 820615----------	14 daughters--	18	12,525	3.5	434
Born, 4-25-40; proved, 9-2-47; dead; Ill.	13 daughters--	17	12,464	3.5	436
Sire, 124141 CHB.; dam, 323369 CHB.	13 dams-------	33	11,847	3.5	419
Herd Owner, John Derrer, Mount Carroll.	Difference----	(8-8-8)	+617	.0	+17
HILLSBORO SIR MODEL ALICE 778713----------	15 daughters--	24	10,913	3.5	383
Born, 11-8-38; proved, 9-11-47; alive; N. J.	14 daughters--	23	10,930	3.5	386
Sire, 748439; dam, 1705173.	14 dams-------	43	9,288	3.6	339
Herd Owner, D. T. Newbold, Colts Neck.	Difference----	(12-8-11)	+1,642	-.1	+47
HOESLY JOE TUEBIE 780675----------	16 daughters--	25	11,285	3.5	395
Born, 10-14-38; proved, 9-15-47;----; Wis.	15 daughters--	24	11,353	3.5	393
Sire, 723295; dam, 1488000.	15 dams-------	71	10,880	3.5	386
Herd Owner, William H. Zepplin, Barneveld.	Difference----	(9-7-9)	+473	.0	+ 7

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
HOESLY JOE WINDSOR CHAMPION 790971----------	9 daughters---	9	9,695	3.4	334
Born, 10-8-39; proved, 9-24-47;----; Wis.	9 dams--------	32	10,965	3.6	397
Sire, 723295; dam, 1487998.	Difference----	(2-2-2)	-1,270	-.2	-63
Owner, Wisconsin Experimental A. B. A.					
HOMESTEAD SCHILLING HIAWATHA 796056----------	12 daughters--	19	10,141	3.2	328
Born, 10-9-39; proved, 9-8-47;----; Wis.	12 dams-------	58	10,886	3.4	366
Sire, 702362; dam, 1676468.	Difference----	(4-3-2)	-745	-.2	-38
Herd Owner, Steel Brothers & Vogt, Lyons.					
HOPE VIEW FOBES DOUBLE 823765----------	6 daughters---	7	15,217	3.5	530
Born, 11-25-40; proved, 9-8-47;----; Iowa.	5 daughters---	6	15,353	3.6	547
Sire, 801022; dam, 2006953.	5 dams--------	17	12,621	3.7	461
Herd Owner, Albert Ludwig & Son, Breda.	Difference----	(5-3-5)	+2,732	-.1	+86
IDYLSPRING COUNT SUNNY JEAN 789470----------	9 daughters---	17	12,221	3.7	453
Born, 12-12-38; proved, 9-8-47;----; Iowa.	7 daughters---	13	12,610	3.7	467
Sire, 712239; dam, 1648404.	7 dams--------	25	11,830	3.6	429
Herd Owner, Carl Jensen & Son, Ruthven.	Difference----	(5-4-6)	+780	+.1	+38
INAHOME CANARY ORMSBY 780925----------	10 daughters--	15	11,675	3.5	410
Born, 10-29-38; proved, 9-8-47;----; Kans.	9 daughters---	14	11,742	3.5	414
Sire, 747692; dam, 1275446.	9 dams--------	33	10,980	3.4	372
Herd Owner, Martin Blanke, Bremen.	Difference----	(4-6-6)	+762	+.1	+42
INDIANA ECHO GERBEN GLEN 771044----------	8 daughters---	9	11,672	3.0	351
Born, 9-29-37; proved, 9-3-47;----; Ind.	5 daughters---	6	11,925	3.0	356
Sire, 729987; dam, 1496967.	5 dams--------	11	13,274	3.2	426
Herd Owner, Fort Wayne State School, Fort Wayne.	Difference----	(0-2-0)	-1,349	-.2	-70
INKA PIEBE WALKER 785060----------	14 daughters--	15	11,224	3.5	398
Born, 12-29-38; proved, 9-19-47;----; N. Y.	12 daughters--	13	11,236	3.6	409
Sire, 717404; dam, 1792320.	12 dams-------	34	12,233	3.5	422
Herd Owner, Grover C. Guernsey, Schoharie.	Difference----	(5-11-7)	-997	+.1	-13
IOWANA ORMSBY PRINCESS KING 790810----------	9 daughters---	12	9,426	3.4	322
Born, 10-20-39; proved, 9-25-47;----; Iowa.	7 daughters---	10	9,586	3.4	329
Sire, 752127; dam, 1826870.	7 dams--------	18	11,065	3.3	364
Herd Owner, Mark S. Collier, Durant.	Difference----	(1-4-2)	-1,479	+.1	-35
KELCO CHAMPION ADIRONDAC PIEBE 791868----------	12 daughters--	18	12,503	3.5	432
Born, 2-21-39; proved, 9-24-47;----; N. Y.	11 daughters--	15	12,677	3.4	435
Sire, 731135; dam, 1927701.	11 dams-------	49	11,464	3.6	409
Herd Owner, Clem A. Drake & Sons, Woodhull.	Difference----	(9-5-7)	+1,213	-.2	+26
K G I S TRIUNE HERO 788101----------	14 daughters--	17	12,101	3.7	448
Born, 8-6-39; proved, 9-19-47;----; Kans.	14 dams-------	37	14,423	3.5	501
Sire, 666017; dam, 1493330.	Difference----	(4-11-5)	-2,322	+.2	-53
Herd Owner, Larned State Hospital, Larned.					
KIMWAR ORMSBY SENSATION ALINE 779923----------	25 daughters--	34	9,532	3.5	330
Born, 1-3-38; proved, 9-15-47;----; Pa.	8 daughters---	10	10,015	3.5	352
Sire, 653587; dam, 1386696.	8 dams--------	18	11,058	3.6	402
Herd Owner, Harry O. Kimmel, Shelocta.	Difference----	(2-3-3)	-1,043	-.1	-50
KING BESSIE DOROTHEA FOBES (TWIN) 803201----------	8 daughters---	8	12,100	3.2	386
Born, 10-6-39; proved, 9-5-47;----; Wis.	7 daughters---	7	11,945	3.2	380
Sire, 765496; dam, 1622531.	7 dams--------	14	10,382	3.2	331
Herd Owner, Francis Langer, Watertown.	Difference----	(7-3-6)	+1,563	.0	+49
KING CONSTANCE ORMSBY IDEAL 786190----------	11 daughters--	15	10,916	3.6	396
Born, 3-30-39; proved, 9-11-47;----; N. Y.	11 dams-------	18	12,042	3.5	421
Sire, 665118; dam, 1760196.	Difference----	(2-10-5)	-1,126	+.1	-25
Herd Owner, Paul Sterusky & Son, Little Falls.					
KING FOBES BEAUTY ORMSBY 737871----------	9 daughters---	13	10,310	3.5	356
Born, 3-29-36; proved, 9-15-47;----; Wis.	7 daughters---	8	10,658	3.3	357
Sire, 608222; dam, 1356354.	7 dams--------	19	12,033	3.6	436
Herd Owner, Conrad Schmitt, Hubertus.	Difference----	(2-2-1)	-1,375	-.3	-79
KING INKA PIEBE TILLIE 800652----------	8 daughters---	11	11,426	3.4	393
Born, 7-24-39; proved, 9-11-47;----; Wis.	8 dams--------	38	10,824	3.6	384
Sire, 559503; dam, 1739158.	Difference----	(4-4-4)	+602	-.2	+ 9
Herd Owner, Monroe County Asylum, Sparta.					
KING MOOIE ARTIS HOMESTEAD 794030----------	8 daughters---	10	10,080	3.6	367
Born, 10-27-38; proved, 9-2-47;----; Wis.	8 dams--------	37	9,809	3.7	366
Sire, 647558; dam, 2111797.	Difference----	(5-3-4)	+271	-.1	+ 1
Herd Owner, Edwin & Laurence Haseleu, Waterloo.					
KNOLLWOOD MAY IDEAL PONTIAC 789249----------	11 daughters--	14	10,970	3.4	374
Born, 12-23-39; proved, 9-8-47;----; N. Y.	8 daughters---	11	10,977	3.5	388
Sire, 643460; dam, 1994397.	8 dams--------	32	11,117	3.4	383
Herd Owner, Frank E. Thayer & Son, Frewsburg.	Difference----	(3-6-3)	-140	+.1	+ 5

HOLSTEIN SIRES	Animals (numbers)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LAKEFIELD CHANGE K B (TWIN) 758237----------	7 daughters---	9	10,064	3.7	373
Born, 10-21-37; proved, 9-9-47;----; Mich.	6 daughters---	8	10,125	3.6	369
Sire, 711324; dam, 1491887.	6 dams--------	7	8,880	3.7	326
Herd Owner, William Newell & Son, Yale.	Difference----	(5-4-4)	+1,245	-.1	+43
LANTOGA PEARL FOBES LAD 739145----------	15 daughters--	25	12,366	3.5	429
Born, 3-4-37; proved, 9-8-47;----; Pa.	7 daughters---	10	13,503	3.5	466
Sire, 697529; dam, 1455687.	7 dams--------	21	13,670	3.5	482
Herd Owner, John H. Shirk, Lititz.	Difference----	(3-3-2)	-167	.0	-16
LAUXMONT ADMIRAL SUPERDELIA 779713----------	12 daughters--	15	12,399	3.6	448
Born,12-25-38; proved, 9-4-47; dead; Ill.	9 daughters---	12	12,721	3.7	465
Sire, 696612; dam, 1642089.	9 dams--------	29	12,359	3.5	427
Herd Owner, Mooseheart Farm, Mooseheart.	Difference----	(3-6-4)	+362	+.2	+38
LAUXMONT RAG APPLE PRINCE 696384----------	44 daughters--	155	11,049	3.5	391
Born, 8-17-34; proved, 9-30-47;----; Pa.	8 daughters---	26	12,274	3.5	436
Sire, 695000; dam, 1279639.	8 dams--------	41	9,349	3.4	320
Herd Owner, William R. Brown, Delta.	Difference----	(7-7-8)	+2,925	+.1	+116
LENHAHA BESSIE PIETERTJE 731498----------	21 daughters--	53	9,750	3.6	353
Born, 9-1-35; proved, 9-30-47;----; Iowa.	16 daughters--	44	9,950	3.6	360
Sire, 683503; dam, 1276107.	16 dams-------	70	8,989	3.4	305
Herd Owner, Stern & Rich, Fredericksburg.	Difference----	(10-13-12)	+961	+.2	+55
LIBERTY HILL PARADER CREATOR 783668----------	19 daughters--	28	10,495	3.5	369
Born, 12-8-38; proved, 9-23-47;----; N. Y.	19 dams-------	69	12,841	3.5	447
Sire, 739007; dam, 1974317.	Difference----	(2-14-1)	-2,346	.0	-78
Herd Owner, Peter Lampman, Vernon.					
MAN-O-WAR AMERICAN SENSATION 775410----------	9 daughters---	13	7,296	3.7	268
Born, 9-17-38; proved, 9-5-47; dead; Minn.	7 daughters---	11	7,358	3.8	276
Sire, 739097; dam, 1626103.	7 dams--------	24	9,472	3.5	334
Herd Owner, Erwin Voth, Goodhue.	Difference----	(2-4-3)	-2,114	+.3	-58
MAN-O-WAR IDEAL FAYNE 713910----------	6 daughters---	9	10,717	3.4	368
Born, 9-17-35; proved, 9-22-47;----; N. Y.	6 dams--------	24	9,979	3.6	360
Sire, 531845; dam, 1523359.	Difference----	(4-2-3)	+738	-.2	+ 8
Herd Owner, William E. Parker, Lockport.					
MAN-O-WAR ORMSBY BILLY 787425----------	16 daughters--	18	10,944	3.3	366
Born, 6-7-38; proved, 9-24-47;----; Ill.	5 daughters---	5	11,119	3.5	390
Sire, 720396; dam, 1738758.	5 dams--------	7	8,811	3.7	330
Herd Owner, Walter Selk, Beecher.	Difference----	(5-2-4)	+2,308	-.2	+60
MARTYHOLM PRIDE 782298----------	12 daughters--	15	10,618	3.4	364
Born, 11-30-38; proved, 9-10-47;----; Wis.	10 daughters--	13	10,776	3.4	369
Sire, 784385; dam, 1551441.	10 dams-------	18	9,934	3.5	350
Herd Owner, Robert Zimmerman, Monticello.	Difference----	(7-5-6)	+842	-.1	+19
MICHSAN HENGERVELD CANARY LAD 738016----------	6 daughters---	15	12,702	3.5	438
Born, 1-6-37; proved, 9-25-47;----; Mich.	5 daughters---	14	12,190	3.5	430
Sire, 653204; dam, 1527314.	5 dams--------	25	11,646	3.5	413
Herd Owner, Hugh Oesterle, Webberville.	Difference----	(3-3-2)	+544	.0	+17
MOKWA PAPOOSE DELLA FOBES 768545----------	14 daughters--	33	9,047	3.4	303
Born, 11-1-37; proved, 9-30-47;----; Minn.	5 daughters---	14	9,189	3.3	306
Sire, 695465; dam, 1935811.	5 dams--------	15	10,220	3.1	314
Herd Owner, Wickham Farm, Dennison.	Difference----	(2-5-3)	-1,031	+.2	- 8
MONTVIC PATHFINDER PIETJE POSCH 775062----------	18 daughters--	40	11,091	3.9	435
Born, 6-27-38; proved, 9-4-47;----; Pa.	12 daughters--	30	11,596	3.9	454
Sire, 105420 CHB.; dam, 224414 CHB.	12 dams-------	44	12,478	3.6	446
Herd Owner, Pennsylvania State College, State College.	Difference----	(3-12-7)	-882	+.3	+ 8
MUTUAL PONTIAC BEETS 788605----------	8 daughters---	13	15,599	3.2	496
Born, 1-1-40; proved, 9-11-47;----; Iowa.	8 dams--------	46	12,825	3.4	435
Sire, 730541; dam, 1742449.	Difference----	(6-3-5)	+2,774	-.2	+61
Herd Owner, Dan C. Krahling, George.					
NITTANYVALE PIEBE GERBEN UVULA 804880----------	12 daughters--	17	12,389	3.6	441
Born, 3-18-40; proved, 9-2-47;----; Pa.	7 daughters---	10	11,334	3.6	410
Sire, 698505; dam, 1792462.	7 dams--------	15	13,947	3.6	506
Herd Owner, Pennsylvania Industrial School, Camp Hill.	Difference----	(1-6-0)	-2,613	.0	-96
N J E S SENSATION SANDRA INSTIGATE 792098----------	8 daughters---	10	9,094	3.5	319
Born, 1-19-39; proved, 9-2-47; dead; N. J.	6 daughters---	8	8,983	3.5	317
Sire, 658978; dam, 1625178.	6 dams--------	21	11,811	3.5	418
Herd Owner, New Jersey State Home for Boys, Jamesburg.	Difference----	(1-5-1)	-2,828	.0	-101
N J E S SIR JEWEL ORMSBY DUKE 700660----------	23 daughters--	60	11,441	3.7	420
Born, 4-23-34; proved, 9-30-47;----; N. J.	18 daughters--	46	10,787	3.7	398
Sire, 654594; dam, 1457528.	18 dams-------	52	12,344	3.6	442
Herd Owner, Menantico Colony, Vineland.	Difference----	(7-12-5)	-1,557	+.1	-44

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
NORTH STAR SUWANEE 767288----------	17 daughters--	24	11,211	3.2	354
Born, 5-31-38; proved, 9-15-47;----; Minn.	10 daughters--	14	11,533	3.1	362
Sire, 703318; dam, 1862228.	10 dams--------	38	10,888	3.3	364
Herd Owner, Fergus Falls State Hospital, Fergus Falls.	Difference----	(6-2-4)	+645	-.2	- 2
N S H PRINCE CAESAR ESTATE 779184----------	16 daughters--	23	12,166	3.4	416
Born, 1-22-39; proved, 9-11-47; dead; Nebr.	11 daughters--	15	11,897	3.3	396
Sire, 693447; dam, 1472510.	11 dams--------	40	11,771	3.4	396
Herd Owner, State Board of Control, Lincoln.	Difference----	(5-6-7)	+126	-.1	0
OAKDALE AAGGIE ORMSBY DICTATOR 791429----------	14 daughters--	21	13,464	3.7	496
Born, 12-8-39; proved, 9-19-47;----; Iowa.	14 dams--------	59	12,319	3.4	417
Sire, 747197; dam, 1774546.	Difference----	(10-13-12)	+1,145	+.3	+79
Herd Owner, State Hospital, Independence.					
OAK HIGHLAND PONTIAC EDEL FITZ 780831----------	14 daughters--	18	7,795	3.2	251
Born, 5-20-38; proved, 9-8-47;----; Wis.	14 dams--------	42	11,145	3.0	334
Sire, 724088; dam, 1068613.	Difference----	(0-11-1)	-3,350	+.2	-83
Herd Owner, Stiner Swenson, Blue Mounds.					
ORMSBY FOBES CREAMELLE INKA 829180----------	5 daughters---	7	13,909	3.6	500
Born, 4-28-41; proved, 9-2-47;----; Ill.	5 dams---------	12	12,754	3.7	472
Sire, 757051; dam, 1838782.	Difference----	(3-2-3)	+1,155	-.1	+28
Herd Owner, Roy Strickfaden, Peoria.					
ORMSBY HENGERVELD DE KOL POSCH 783942----------	14 daughters--	27	9,974	3.5	351
Born, 5-17-39; proved, 9-19-47;----; Pa.	11 daughters--	21	10,100	3.5	356
Sire, 698848; dam, 1795240.	11 dams--------	41	10,144	3.5	359
Herd Owner, Robert Ludwig, Hegins.	Difference----	(5-5-6)	- 44	.0	- 3
ORMSBY INKARNATION AAGGIE 726481----------	10 daughters--	10	13,860	3.2	444
Born, 11-22-35; proved, 9-30-47;----; N. Y.	10 dams--------	27	11,206	3.5	387
Sire, 668846; dam, 1529824.	Difference----	(9-2-7)	+2,654	-.3	+57
Herd Owner, John H. Coulter, Canastota.					
OSBORNDALE DAVID ORMSBY AAGGIE 738152----------	8 daughters---	9	11,247	3.5	398
Born, 10-6-36; proved, 9-15-47; dead; N. J.	6 daughters---	7	11,194	3.5	389
Sire, 668375; dam, 1634672.	6 dams---------	18	11,213	3.5	391
Herd Owner, Joseph Link, Sussex.	Difference----	(4-3-3)	- 19	.0	- 2
OSBORNDALE SIR JOASH INKA 729026----------	9 daughters---	17	11,286	3.3	370
Born, 1-20-36; proved, 9-8-47;----; Vt.	8 daughters---	15	11,305	3.3	369
Sire, 596579; dam, 1376317.	8 dams---------	23	10,643	3.5	370
Herd Owner, Mallary Farm, Bradford.	Difference----	(6-1-4)	+662	-.2	- 1
OSBORNDALE SIR POSCH RAG APPLE 783026----------	18 daughters--	28	11,637	3.5	403
Born, 12-23-38; proved, 9-16-47; dead; N. Y.	12 daughters--	17	11,650	3.5	402
Sire, 722342; dam, 1532272.	12 dams--------	16	11,385	3.4	388
Herd Owner, E. P. Smith, Sherburne.	Difference----	(7-9-7)	+265	+.1	+14
OVERSHOT PRINCE KING DANDY 782978----------	24 daughters--	50	10,467	3.5	369
Born, 10-30-38; proved, 9-19-47;----; Pa.	22 daughters--	46	10,599	3.5	375
Sire, 665641; dam, 1430625.	22 dams--------	83	9,812	3.5	343
Herd Owner, Clayton Sharpe, Laceyville.	Difference----	(14-15-15)	+787	.0	+32
PABST BARTA CORNFLOWER 797960----------	11 daughters--	14	14,417	3.8	548
Born, 4-29-40; proved, 9-11-47;----; Wis.	11 dams--------	28	12,928	3.7	483
Sire, 761980; dam, 1972979.	Difference----	(9-8-8)	+1,489	+.1	+65
Herd Owner, Hilmer G. Mueller, Seymour.					
PABST CASCADER PRIDE 730072----------	24 daughters--	33	11,939	3.6	428
Born, 9-4-36; proved, 9-30-47;----; Ill.	17 daughters--	22	12,125	3.5	430
Sire, 561783; dam, 1425998.	17 dams--------	62	12,717	3.5	446
Herd Owner, A. H. Kohl Busch, Grayslake.	Difference----	(7-13-6)	-592	.0	-16
PABST SIR BELCADE DEWDROP 769920----------	21 daughters--	34	14,287	3.5	506
Born, 12-5-38; proved, 9-10-47; alive; Mich.	21 dams--------	82	12,670	3.5	447
Sire, 678994; dam, 1813152.	Difference----	(14-13-17)	+1,617	.0	+59
Herd Owner, John A. Rinke & Sons, Warren.					
PABST SIR GREAT PILOT 788946----------	26 daughters--	37	11,148	3.2	358
Born, 4-26-39; proved, 9-25-47;----; Wis.	25 daughters--	36	11,219	3.2	359
Sire, 700000; dam, 1934437.	25 dams--------	68	9,813	3.4	333
Herd Owner, Henry J. Wagner & Son, Calvary.	Difference----	(16-7-15)	+1,406	-.2	+26
PARSONS LOCKHART CHARLEY 728544----------	14 daughters--	26	10,733	3.5	380
Born, 9-29-35; proved, 9-30-47;----; Kans.	12 daughters--	24	10,991	3.5	386
Sire, 684057; dam, 819500.	12 dams--------	40	10,628	3.4	361
Herd Owner, Osawatomie State Hospital, Osawatomie.	Difference----	(8-8-8)	+363	+.1	+25
PIEBE ROYAL ORMSBY 796004----------	14 daughters--	19	10,798	3.6	394
Born, 10-14-39; proved, 9-8-47; dead; W. Va.	9 daughters---	13	10,656	3.6	384
Sire, 712299; dam, 1664203.	9 dams---------	26	11,351	3.3	378
Herd Owner, Law & Allman, Jane Lew.	Difference----	(3-9-5)	-695	+.3	+ 6

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PIETERTJE ORMSBY HARTOG ALCARTRA 790931----------	7 daughters---	10	10,823	3.7	403
Born, 9-28-39; proved, 9-24-47;----; Iowa.	6 daughters---	9	10,050	3.8	381
Sire, 683503; dam, 1745141.	6 dams--------	18	11,976	3.5	415
Herd Owner, Wesley R. Phelps, Strawberry Point.	Difference----	(1-5-2)	-1,926	+.3	-34
PINEHARD BEN POSCH ORMSBY 776899----------	14 daughters--	23	10,385	3.5	364
Born, 2-28-39; proved, 9-8-47;----; Pa.	14 dams-------	55	9,810	3.7	361
Sire, 666928; dam, 1627167.	Difference----	(9-6-7)	+575	-.2	+ 3
Herd Owner, Frank N. Stoner, Alverton.					
PIONEER LATHROP STAR 790643----------	10 daughters--	22	9,914	3.3	328
Born, 10-1-37; proved, 9-30-47;----; Pa.	5 daughters---	11	11,015	3.3	364
Sire, 671019; dam, 1579647.	5 dams--------	10	11,993	3.2	381
Herd Owner, James W. Ball, Montrose.	Difference----	(1-3-2)	-978	+.1	-17
PIONEER LODGE PIETJE SENATOR 781416----------	13 daughters--	18	10,803	3.6	384
Born, 9-15-38; proved, 9-30-47;----; N. Y.	9 daughters---	13	10,920	3.5	378
Sire, 109489 CHB.; dam, 338774 CHB.	9 dams--------	16	10,613	3.5	373
Herd Owner, Richard B. Ross, Gowanda.	Difference----	(5-5-5)	+307	.0	+ 5
POPEVALE PONTIAC KORNDYKE 717259----------	10 daughters--	10	12,808	3.7	470
Born, 2-2-35; proved, 9-3-47;----; Ill.	10 dams-------	35	10,990	3.5	385
Sire, 624250; dam, 1445712.	Difference----	(6-8-6)	+1,818	+.2	+85
Herd Owner, Dr. Karl A. Meyer, Gilman.					
POSCH ORMSBY DONNA DEAN 794820----------	14 daughters--	20	12,691	3.5	439
Born, 12-8-39; proved, 9-2-47;----; Wis.	14 dams-------	46	12,500	3.5	438
Sire, 761974; dam, 1881731.	Difference----	(7-10-8)	+191	.0	+ 1
Herd Owner, Harry O'Connor, Reedsburg.					
POSCH PROSPECTOR SALO 786153----------	13 daughters--	23	10,881	3.5	385
Born, 5-19-39; proved, 9-11-47;----; Ohio.	12 daughters--	22	10,859	3.5	381
Sire, 745997; dam, 1275748.	12 dams-------	26	11,824	3.5	414
Herd Owner, H. J. Cartwright & Son, Columbia Station.	Difference----	(3-5-3)	-965	.0	-33
POSYBLOOM SIR KORNDYKE PIEBE 698692----------	21 daughters--	52	9,878	3.6	359
Born, 3-5-34; proved, 9-22-47;----; Pa.	9 daughters---	32	9,794	3.6	352
Sire, 664081; dam, 1463247.	9 dams--------	26	11,344	3.3	378
Herd Owner, Howard F. Lehman, Chambersburg.	Difference----	(1-9-2)	-1,550	+.3	-26
PRINCE SUPERIOR PIEBE 919279----------	7 daughters---	17	9,856	3.5	349
Born, 6-15-39; proved, 9-2-47;----; Pa.	7 dams--------	24	13,070	3.6	465
Sire, 919278; dam, 2525480.	Difference----	(0-5-1)	-3,214	-.1	-116
Herd Owner, Thiele Brothers, Cabot.					
RAG-HERO BEST SIR COLANTHA 4TH 784864----------	8 daughters---	17	11,406	3.4	386
Born, 4-8-39; proved, 9-30-47;----; N. Y.	7 daughters---	16	11,232	3.4	382
Sire, 565375; dam, 1787151.	7 dams--------	26	10,996	3.6	394
Herd Owner, Elliott H. Kidder, Jamestown.	Difference----	(4-1-2)	+236	-.2	-12
RAWLEIGH CREATOR ADMIRAL 789993----------	8 daughters---	14	15,325	3.7	562
Born, 12-1-39; proved, 9-24-47;----; Wis.	8 dams--------	22	14,943	3.5	529
Sire, 646021; dam, 1770832.	Difference----	(5-7-5)	+382	+.2	+33
Herd Owner, Perrin Brothers, Fennimore.					
RENSINK PROSPECTOR SALO 789401----------	10 daughters--	17	13,072	3.1	403
Born, 9-30-39; proved, 9-17-47;----; Iowa.	9 daughters---	15	13,053	3.1	404
Sire, 732248; dam, 1811379.	9 dams--------	36	11,123	3.3	367
Herd Owner, Herman Wunder, Lake Park.	Difference----	(8-3-8)	+1,930	-.2	+37
REX POWHATON LAUDERDALE 785625----------	5 daughters---	7	8,338	3.4	286
Born, 7-30-39; proved, 9-16-47;----; Va.	5 dams--------	24	7,603	3.5	263
Sire, 734054; dam, 1825779.	Difference----	(3-3-3)	+735	-.1	+23
Herd Owner, A. T. & W. M. Bradley, Bedford.					
RONDOUT MIGHT 827681----------	6 daughters---	7	10,929	3.7	399
Born, 10-31-40; proved, 9-5-47; dead; N. Y.	5 daughters---	6	11,641	3.7	426
Sire, 755400; dam, 1709465.	5 dams--------	14	12,015	3.5	426
Herd Owner, Albert S. Myers, Kerhonkson.	Difference----	(3-4-4)	-374	+.2	0
ROSSMONT PIEBE PRILLY BUCK 737529----------	17 daughters--	18	11,242	3.6	409
Born, 9-7-36; proved, 9-30-47;----; Va.	17 dams-------	53	9,532	3.5	333
Sire, 652675; dam, 1686416.	Difference----	(14-11-14)	+1,710	+.1	+76
Herd Owner, F. E. McDonald, Vinton.					
ROYAL COLANTHA HENGERVELD BOY 794645----------	15 daughters--	23	9,196	3.5	322
Born, 6-6-39; proved, 9-10-47;----; N. Y.	12 daughters--	20	9,417	3.6	335
Sire, 739918; dam, 1938323.	12 dams-------	71	9,361	3.6	334
Herd Owner, Jones & Raish, Delevan.	Difference----	(4-8-5)	+ 56	.0	+ 1
SAMMAY OOSTIE ORMSBY 787000----------	12 daughters--	19	10,899	3.5	384
Born, 1-15-39; proved, 9-10-47;----; Wis.	8 daughters---	13	11,381	3.5	402
Sire, 738815; dam, 1529489.	8 dams--------	20	12,262	3.5	427
Herd Owner, Bernard A. Conlin, Columbus.	Difference----	(2-4-1)	-881	.0	-25

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SEQUOIA BUTTER BOY QUALITY 791958----------	17 daughters--	38	13,571	3.6	484
Born, 9-14-38; proved, 9-17-47; alive; Calif.	14 daughters--	32	13,846	3.5	488
Sire, 756483; dam, 1990404.	14 dams-------	66	11,787	3.5	410
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference----	(13-10-13)	+2,059	.0	+78
SHESHEQUIN STAR ALEX 778225----------	13 daughters--	31	12,221	3.6	439
Born, 8-17-38; proved, 9-4-47;----; Pa.	11 daughters--	27	12,145	3.6	440
Sire, 731075; dam, 1914984.	11 dams-------	70	11,241	3.6	407
Herd Owner, William L. Bradford & Sons, Lewistown.	Difference----	(9-5-8)	+904	.0	+33
SIR BELMONT PABST CASCADE 807161----------	16 daughters--	18	10,548	3.5	367
Born, 1-14-40; proved, 9-12-47;----; Va.	13 daughters--	15	10,265	3.5	360
Sire, 748392; dam, 1994503.	13 dams-------	54	9,689	3.7	359
Herd Owner, Sterling Farm, Sterling.	Difference----	(10-5-7)	+576	-.2	+ 1
SIR BESS INKA ORMSBY MAY 803731----------	11 daughters--	22	9,311	3.5	324
Born, 11-14-37; proved, 9-9-47;----; Minn.	7 daughters---	14	9,951	3.5	345
Sire, 567747; dam, 1928310.	7 dams--------	15	10,657	3.3	348
Herd Owner, John H. Kane, Prior Lake.	Difference----	(3-6-4)	-706	+.2	- 3
SIR FOBES PIETERTJE LYLE (TWIN) 790994----------	10 daughters--	11	9,819	3.3	328
Born, 12-21-38; proved, 9-30-47;----; Wis.	10 dams-------	28	10,228	3.4	351
Sire, 618948; dam, 1565110.	Difference----	(5-5-4)	-409	-.1	-23
Herd Owner, Baker & Stone, Ripon.					
SIR HOMESTEAD HENGERVELD ORMSBY 770335----------	7 daughters---	16	9,391	3.6	338
Born, 10-13-38; proved, 9-3-47;----; Pa.	6 daughters---	14	9,582	3.6	347
Sire, 661407; dam, 1632531.	6 dams--------	21	10,043	3.6	357
Herd Owner, Clarence Landsiedel, Dalton.	Difference----	(4-5-4)	-461	.0	-10
SIR KORNDYKE WINKJE 791369----------	7 daughters---	14	10,197	3.5	352
Born, 4-12-39; proved, 9-12-47;----; N. Y.	6 daughters---	13	9,894	3.4	339
Sire, 718506; dam, 1883536.	6 dams--------	31	11,620	3.3	387
Herd Owner, Allen C. Hewitt, Oriskany Falls.	Difference----	(2-5-3)	-1,726	+.1	-48
SIR ONA PRIDE POSCH SEGIS 772656----------	16 daughters--	25	12,591	3.4	424
Born, 5-10-38; proved, 9-12-47;----; Mich.	16 dams-------	69	14,140	3.2	449
Sire, 728120; dam, 1284895.	Difference----	(4-15-6)	-1,549	+.2	-25
Herd Owner, Fred J. Beckman, Clarkston.					
SIR ORMSBY BEAUTY LYONS 789407----------	10 daughters--	16	9,787	3.7	358
Born, 2-5-39; proved, 9-24-47;----; Pa.	7 daughters---	11	9,555	3.7	349
Sire, 733324; dam, 1870411.	7 dams--------	11	11,530	3.5	400
Herd Owner, Fisher Brothers, Kreamer.	Difference----	(2-6-2)	-1,975	+.2	-51
SIR SPOFFORD SEGIS OLLIE 773609----------	8 daughters---	19	10,233	3.4	351
Born, 11-16-38; proved, 9-15-47;----; Pa.	6 daughters---	13	10,407	3.5	363
Sire, 671582; dam, 1498504.	6 dams--------	23	11,738	3.4	398
Herd Owner, Torrance State Hospital, Torrance.	Difference----	(2-3-2)	-1,331	+.1	-35
SKYLINE VEEMAN 727340----------	29 daughters--	45	11,351	3.4	387
Born, 12-4-35; proved, 9-24-47;----; Pa.	11 daughters--	14	11,131	3.4	375
Sire, 623860; dam, 1439419.	11 dams-------	20	12,638	3.3	420
Herd Owner, Ralph L. Culver, Laceyville.	Difference----	(4-7-5)	-1,507	+.1	-45
SPOT ETTA LINAS 778759----------	17 daughters--	22	11,045	3.2	359
Born, 2-7-39; proved, 9-5-47; dead; N. Y.	17 dams-------	55	11,780	3.5	409
Sire, 718017; dam, 1481192.	Difference----	(3-4-3)	-735	-.3	-50
Herd Owner, Harold Lindquist & Son, Kennedy.					
SPRING FARM PABST KORNDYKE 784882----------	5 daughters---	6	10,765	3.5	376
Born, 6-22-38; proved, 9-30-47; alive; Ill.	5 dams--------	14	12,225	3.6	435
Sire, 115471 CHB.; dam, 271686 CHB.	Difference----	(2-2-2)	-1,460	-.1	-59
Owner, Central Minnesota A. B. A., Minn.					
SPRUCE HILL PIEBE JEWEL 790166----------	7 daughters---	13	9,909	3.4	335
Born, 3-3-39; proved, 9-30-47;----; Wis.	5 daughters---	11	9,909	3.3	331
Sire, 696993; dam, 1732043.	5 dams--------	14	12,279	3.6	443
Herd Owner, Sam M. Austin, Columbus.	Difference----	(1-1-1)	-2,370	-.3	-112
STARWOOD TRIUNE INKA 802350----------	5 daughters---	6	11,164	3.6	399
Born, 2-3-39; proved, 9-9-47;----; Kans.	5 dams--------	8	10,514	3.6	376
Sire, 600230; dam, 1925217.	Difference----	(3-3-3)	+650	.0	+23
Herd Owner, Orval Stephenson, Belleville.					
SUPREME BENEFACTOR 747991----------	12 daughters--	17	9,583	3.3	312
Born, 9-1-37; proved, 9-5-47; dead; N. J.	8 daughters---	12	9,099	3.2	291
Sire, 681672; dam, 881055.	8 dams--------	11	12,836	3.2	415
Herd Owner, New Jersey State Hospital, Greystone Park.	Difference----	(0-4-0)	-3,737	.0	-124
TALLCORN SIR BESSIE NIG 778484----------	14 daughters--	18	9,269	3.6	335
Born, 6-21-38; proved, 9-4-47; dead; Wis.	13 daughters--	17	9,178	3.6	334
Sire, 724902; dam, 1601276.	13 dams-------	44	10,072	3.7	373
Herd Owner, Clausen Brothers, Kenosha.	Difference----	(5-7-4)	-894	-.1	-39

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
TOP-O-DAY BUTTER BOY HOUWTJE ORMSBY 790224	6 daughters---	10	11,590	3.4	389
Born, 12-1-38; proved, 9-25-47;----; Kans.	5 daughters---	9	11,224	3.4	385
Sire, 673398; dam, 1594085.	5 dams--------	9	9,573	3.5	337
Herd Owner, Harry Koch, Ellinwood.	Difference----	(4-1-4)	+1,651	-.1	+48
TRANSMITTER MODEL PRIDE 825351	17 daughters--	27	12,463	3.7	466
Born, 10-27-40; proved, 9-30-47;----; Iowa.	16 daughters--	25	12,431	3.7	465
Sire, 754520; dam, 1958998.	16 dams-------	51	11,571	3.7	431
Herd Owner, Irving Deering, Clermont.	Difference----	(11-10-11)	+860	.0	+34
TREOSTIS VILLE PERFECTION KING 792948	16 daughters--	19	11,822	3.6	431
Born, 8-15-39; proved, 9-25-47;----; Wash.	15 daughters--	18	11,770	3.6	429
Sire, 734524; dam, 1814942.	15 dams-------	59	12,891	3.5	451
Herd Owner, Treostis Ville, Carnation.	Difference----	(6-11-7)	-1,121	+.1	-22
TRITOMIA ORMSBY MAY 770272	8 daughters---	10	12,799	3.2	411
Born, 5-20-38; proved, 9-3-47;----; Iowa.	7 daughters---	9	12,747	3.2	406
Sire, 740433; dam, 1612851.	7 dams--------	14	11,425	3.4	383
Herd Owner, Robert Scholten, Boyden.	Difference----	(5-4-4)	+1,322	-.2	+23
TRIUNE PIETERTJE MAUD 788010	17 daughters--	30	9,935	3.8	375
Born, 5-20-39; proved, 9-24-47;----; Wis.	13 daughters--	22	9,759	3.8	366
Sire, 727191; dam, 1383832.	13 dams-------	34	11,221	3.6	403
Herd Owner, Elmer Fabian, Adell.	Difference----	(2-10-5)	-1,462	+.2	-37
U M SIR OLIVER WALKER BUGLER 798175	12 daughters--	16	10,375	3.7	387
Born, 12-8-39; proved, 9-2-47;----; Mass.	12 dams-------	32	8,876	3.6	323
Sire, 684994; dam, 1796808.	Difference----	(10-9-11)	+1,499	+.1	+64
Herd Owner, Fred B. Dole, Shelburne Falls.					
U NEB QUANTOR PAN 772753	19 daughters--	26	12,949	3.6	465
Born, 12-31-38; proved, 9-5-47; dead; Nebr.	14 daughters--	20	12,284	3.6	444
Sire, 650203; dam, 1738418.	14 dams-------	41	12,716	3.6	456
Owner, Lancaster Co-op. A. B. A.	Difference----	(8-8-8)	-432	.0	-12
USNAD HAPPY IMPERIAL 781762	12 daughters--	22	9,866	3.8	378
Born, 1-22-39; proved, 9-23-47;----; Md.	10 daughters--	17	9,535	3.9	370
Sire, 705556; dam, 1120956.	10 dams-------	23	10,979	3.4	373
Herd Owner, W. Kieffer Coblentz, Middletown.	Difference----	(2-9-6)	-1,444	+.5	- 3
VAN BEERS BEULAH NETHERLAND 750378	8 daughters---	12	8,555	3.5	303
Born, 1-22-37; proved, 9-15-47; dead; Vt.	7 daughters---	11	8,207	3.6	292
Sire, 701023; dam, 1661838.	7 dams--------	18	8,272	3.7	306
Herd Owner, Middlebury College Farm, East Middlebury.	Difference----	(4-2-3)	- 65	-.1	-14
VAN HOOSEN INKA 186 779803	9 daughters---	15	11,772	3.4	395
Born, 1-11-39; proved, 9-23-47;----; Mich.	6 daughters---	10	12,008	3.4	403
Sire, 647839; dam, 1327563.	6 dams-------	10	12,114	3.5	426
Herd Owner, Alson Shoults, Brown City.	Difference----	(3-1-2)	-106	-.1	-23
VAN HORNE DENVER COLANTHA LAD 788767	8 daughters---	15	13,067	3.7	487
Born, 8-19-39; proved, 9-19-47;----; N. Y.	8 dams--------	41	13,750	3.6	495
Sire, 538202; dam, 1657933.	Difference----	(3-7-4)	-683	+.1	- 8
Herd Owner, William Agen, Arcade.					
VENINOR VICTOR FOBES ORMSBY 811058	13 daughters--	19	13,565	3.5	469
Born, 10-10-40; proved, 9-2-47;----; Wis.	12 daughters--	18	13,547	3.5	469
Sire, 771132; dam, 1769664.	12 dams-------	34	12,567	3.4	428
Herd Owner, Walter J. Beilke & Sons, Fairwater.	Difference----	(8-7-9)	+980	+.1	+41
VERNWAY ADVANCE 789136	21 daughters--	27	14,217	3.3	470
Born, 12-31-39; proved, 9-2-47;----; Wash.	21 dams-------	68	12,502	3.4	426
Sire, 741071; dam, 1433259.	Difference----	(17-8-15)	+1,715	-.1	+44
Herd Owner, Maid O'Clover Dairy, Yakima.					
VICKERY VALE CRESCENT KING 782877	10 daughters--	12	11,733	3.4	398
Born, 1-12-38; proved, 9-8-47;----; Wis.	7 daughters---	9	11,460	3.3	377
Sire, 731748; dam, 2058067.	7 dams--------	17	12,430	3.4	420
Herd Owner, William H. Blum, Monroe.	Difference----	(2-3-1)	-970	-.1	-43
WALKER PEERLESS IMPERIAL 782958	9 daughters---	19	10,728	3.6	389
Born, 8-8-39; proved, 9-5-47;----; Pa.	7 daughters---	12	10,917	3.7	402
Sire, 754867; dam, 1871449.	7 dams--------	22	10,620	3.6	378
Herd Owner, Glenn Rebuck, Greencastle.	Difference----	(4-6-5)	+297	+.1	+24
WALKER ROSETTA LAD 786411	11 daughters--	14	11,454	3.5	397
Born, 3-15-38; proved, 9-24-47;----; N. Y.	6 daughters---	9	12,150	3.4	411
Sire, 701819; dam, 1452721.	6 dams--------	30	12,714	3.4	436
Herd Owner, Vincent Kurtz, Livonia.	Difference----	(3-2-1)	-564	.0	-25
WILD RICE PET PONTIAC ORMSBY 729160	8 daughters---	10	11,257	3.4	385
Born, 3-22-36; proved, 9-8-47;----; Wis.	6 daughters---	8	11,806	3.4	401
Sire, 696322; dam, 1346737.	6 dams--------	12	11,398	3.4	388
Herd Owner, Peter Held & Son, Alma Center.	Difference----	(3-3-4)	+408	.0	+13

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WILLOW DELLS DE KOL CANARY 787526	11 daughters--	17	10,039	3.3	331
Born, 4-29-39; proved, 9-9-47;----; Iowa.	10 daughters--	16	10,174	3.3	338
Sire, 711749; dam, 1040480.	10 dams-------	38	11,069	3.2	359
Herd Owner, William H. Wilkens, Decorah.	Difference----	(2-8-3)	-895	+.1	-21
WINDFALL URNA CAESAR 774036	9 daughters---	19	12,619	3.2	406
Born, 1-6-39; proved, 9-15-47;----; Pa.	7 daughters---	16	13,029	3.2	423
Sire, 598044; dam, 1651442.	7 dams--------	23	13,198	3.3	432
Herd Owner, Arthur Morris, Corry.	Difference----	(4-3-4)	-169	-.1	- 9
WINTERTHUR FOBES GREAT UQOPO 783750	21 daughters--	45	11,515	3.6	412
Born, 2-20-39; proved, 9-25-47;----; Pa.	20 daughters--	43	11,596	3.6	415
Sire, 729449; dam, 1848112.	20 dams-------	108	11,526	3.6	415
Herd Owner, Ben Ballard & Son, Troy.	Difference----	(10-9-11)	+ 70	.0	0
WINTERTHUR FOBES POSCH VICTOR 800000	12 daughters--	13	13,648	3.7	499
Born, 2-3-40; proved, 9-8-47; alive; Del.	9 daughters---	10	13,866	3.6	499
Sire, 729449; dam, 1613725.	9 dams--------	15	12,361	3.4	421
Owner, New Castle Co-op. A. B. A.	Difference----	(6-8-7)	+1,505	+.2	+78
WINTERTHUR SELECT POSCH USORA 789916	34 daughters--	52	12,811	3.7	478
Born, 12-4-39; proved, 9-24-47;----; N. Y.	34 dams-------	93	12,066	3.5	419
Sire 750000; dam, 1934443.	Difference----	(22-30-29)	+745	+.2	+59
Herd Owner, Karl S. Hartshorn & Sons, Lebanon.					
WISCONSIN EDGETOWN KING 700186	7 daughters---	11	9,060	3.1	283
Born, 5-20-34; proved, 9-23-47;----; Wis.	5 daughters---	7	9,275	3.2	294
Sire, 555302; dam, 1432625.	5 dams--------	9	11,857	3.4	403
Herd Owner, Vincent Sieker, Manitowoc.	Difference----	(1-2-1)	-2,582	-.2	-109
W I S ROYAL GOVERNOR (TWIN) 698243	16 daughters--	17	10,526	3.5	372
Born, 7-22-34; proved, 9-15-47;----; Wis.	6 daughters---	7	11,102	3.6	394
Sire, 552504; dam, 888637.	6 dams--------	6	10,137	3.7	371
Herd Owner, Edward Bohoman, Casco.	Difference----	(4-2-3)	+965	-.1	+23
W I S SIR LASS ORMSBY (TWIN) 791977	15 daughters--	21	12,002	3.3	400
Born, 12-4-39; proved, 9-19-47;----; Wis.	15 dams-------	69	12,141	3.3	404
Sire, 729042; dam, 1619099.	Difference----	(8-8-8)	-139	.0	- 4
Herd Owner, Mrs. Curtis Baker, Mount Horeb.					
WYE OAK SENSATION 779175	10 daughters--	13	12,400	3.4	420
Born, 1-28-39; proved, 9-8-47;----; Pa.	5 daughters---	7	12,435	3.3	413
Sire, 618582; dam, 1661763.	5 dams--------	9	10,611	3.3	351
Herd Owner, W. Bryson Rosenberry, Lancaster.	Difference----	(3-3-3)	+1,824	.0	+62
YATESCREST ORMSBY ASHLEY FOBES 789926	8 daughters---	13	12,130	3.1	374
Born, 11-3-39; proved, 9-25-47;----; Iowa.	8 dams--------	26	10,143	3.2	323
Sire, 741425; dam, 1562081.	Difference----	(8-3-7)	+1,987	-.1	+51
Herd Owner, Harry Dammann, George.					
13-A6674 (DHIA EARTAG)	11 daughters--	21	7,702	3.6	278
Born, ----; proved, 9-17-47; dead; Vt.	8 daughters---	15	7,616	3.6	276
Sire, ----; dam, ----.	8 dams--------	14	8,598	3.5	304
Herd Owner, Orton Brothers, Plainfield.	Difference----	(2-5-3)	-982	+.1	-28
21*AV309032 (BANGS OR TB EARTAG)	15 daughters--	32	9,300	3.3	305
Born, ----; proved, 9-10-47;----; N. Y.	8 daughters---	14	9,234	3.3	308
Sire, ----; dam, ----.	8 dams--------	18	9,928	3.4	334
Herd Owner, Ernest W. Engdahl, Sinclairville.	Difference----	(2-3-2)	-694	-.1	-26
34-A2332 (DHIA EARTAG)	11 daughters--	17	9,473	3.8	358
Born, ----; proved, 9-3-47;----; Mich.	9 daughters---	14	9,682	3.8	368
Sire, ----; dam, ----.	9 dams--------	20	10,337	3.9	398
Herd Owner, Arthur Martell, Three Oaks.	Difference----	(3-6-3)	-655	-.1	-30
35*HZ5976 (BANGS OR TB EARTAG)	10 daughters--	14	8,130	3.7	298
Born, ----; proved, 9-30-47;----; Wis.	7 daughters---	10	8,035	3.6	286
Sire, ----; dam, ----.	7 dams--------	21	10,050	3.5	350
Herd Owner, Harry Clack, Boyceville.	Difference----	(1-6-2)	-2,015	+.1	-64
35*HZ36000 (BANGS OR TB EARTAG)	13 daughters--	16	11,496	3.4	395
Born, ----; proved, 9-30-47;----; Wis.	10 daughters--	12	11,770	3.4	397
Sire, ----; dam, ----.	10 dams-------	37	12,435	3.5	439
Herd Owner, Emil Schuster, Manitowoc.	Difference----	(4-3-3)	-665	-.1	-42
35*HR64470 (BANGS OR TB EARTAG)	9 daughters---	15	12,404	3.5	437
Born, ----; proved, 9-5-47;----; Wis.	5 daughters---	7	12,644	3.5	437
Sire, ----; dam, ----.	5 dams--------	14	12,743	3.7	469
Herd Owner, Albert Nimtz, New Auburn.	Difference----	(2-2-2)	-104	-.2	-32
42-C7908 (DHIA EARTAG)	14 daughters--	20	10,332	3.3	337
Born, ----; proved, 9-11-47;----; Iowa.	8 daughters---	12	10,304	3.3	342
Sire, ----; dam, ----.	8 dams--------	11	9,108	3.4	311
Herd Owner, W. W. Baumgartner, Strawberry Point.	Difference----	(7-5-5)	+1,196	-.1	+31

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
52-B3386 (DHIA EARTAG)	16 daughters	44	10,354	4.2	431
Born, ----; proved, 9-24-47;----; Va.	12 daughters	31	10,173	4.1	416
Sire, ----; dam, ----.	12 dams	28	8,717	4.2	370
Herd Owner, Clifford L. Case, Purcellville.	Difference	(10-5-8)	+1,456	-.1	+46
84-8316 (DHIA EARTAG)	9 daughters	16	10,304	3.4	352
Born, ----; proved, 9-30-47;----; Colo.	8 daughters	13	10,314	3.4	351
Sire, ----; dam, ----.	8 dams	28	11,018	3.6	401
Herd Owner, Union Printers Home, Colorado Springs.	Difference	(2-3-2)	-704	-.2	-50

JERSEY SIRES

ADMIRATION MADCAP OBSERVER 443326	10 daughters	10	7,357	5.8	425
Born, 3-23-42; proved, 9-17-47;----; Iowa.	9 daughters	9	7,363	5.8	429
Sire, 375857; dam, 1039213.	9 dams	20	7,364	5.2	386
Herd Owner, Dave N. Olmstead, McGregor.	Difference	(5-8-6)	- 1	+.6	+43
BARLOW PRIDE OF POCAHONTAS 398346	7 daughters	8	5,716	5.2	299
Born, 3-5-38; proved, 9-30-47;----; W. Va.	7 dams	9	6,914	5.1	354
Sire, 368019; dam, 1039531.	Difference	(3-5-2)	-1,198	+.1	-55
Herd Owner, Maple Wood Dairy, Lewisburg.					
BELLE SON OF MARION FARM 449432	5 daughters	5	9,100	5.3	487
Born, 4-1-42; proved, 9-19-47;----; Mo.	5 dams	15	8,283	5.5	454
Sire, 406501; dam, 1099446.	Difference	(3-2-2)	+817	-.2	+33
Owner, M. F. A. A. B. A.					
BETTY'S SOPHIE BOY 407805	11 daughters	25	6,236	5.1	321
Born, 1-10-38; proved, 9-12-47; dead; Vt.	6 daughters	15	6,588	5.0	328
Sire, 372285; dam, 1122430.	6 dams	29	6,296	5.0	315
Herd Owner, Fred E. Allen, Bethel.	Difference	(4-3-4)	+292	.0	+13
BITTERCUP JOLLY BINDLE 388250	7 daughters	14	6,120	5.3	327
Born, 2-25-37; proved, 9-10-47;----; Ohio.	5 daughters	8	5,468	5.3	292
Sire, 375340; dam, 989147.	5 dams	12	7,690	4.9	381
Herd Owner, Alfred Roediger, Wapakoneta.	Difference	(1-4-1)	-2,222	+.4	-89
BITTERCUP LAVENDER KNIGHT 404628	7 daughters	10	6,014	4.7	280
Born, 9-5-36; proved, 9-9-47; dead; W. Va.	6 daughters	8	6,099	4.7	287
Sire, 275178; dam, 1030617.	6 dams	10	5,980	4.6	277
Herd Owner, W. D. Hutchison, Claysville, Pa.	Difference	(3-5-3)	+119	+.1	+10
CERES' PRIMATE XENIA SULTAN 375852	9 daughters	20	6,954	5.6	388
Born, 10-18-35; proved, 9-10-47;----; Wis.	6 daughters	15	7,457	5.5	411
Sire, 315409; dam, 1006842.	6 dams	30	7,528	5.4	409
Herd Owner, Vernon County Asylum, Viroqua.	Difference	(2-4-2)	- 71	+.1	+ 2
CHARLOTTE'S GOLD KING 395921 *10	20 daughters	39	7,649	5.4	413
Born, 11-7-38; proved, 9-8-47; dead; Vt.	12 daughters	20	7,531	5.5	414
Sire, 293667; dam, 913208.	12 dams	34	7,713	5.6	429
Herd Owner, Seaver D. Wright, White River Junction.	Difference	(6-6-6)	-182	-.1	-15
COME CATILLON BEAU 358899	20 daughters	34	7,261	5.1	368
Born, 5-4-33; proved, 9-17-47;----; Wash.	16 daughters	28	7,053	5.1	362
Sire, 292917; dam, 835802.	16 dams	23	7,593	5.4	409
Herd Owner, F. A. Durrah, Grays River.	Difference	(6-3-4)	-540	-.3	-47
EMINENT OWL CHIEF 321053	16 daughters	18	5,964	5.2	310
Born, 11-19-29; proved, 9-10-47;----; Mo.	6 daughters	7	5,982	5.4	320
Sire, 230869; dam, 622139.	6 dams	8	7,164	5.1	365
Herd Owner, W. O. Shock, Festus.	Difference	(2-5-2)	-1,182	+.3	-45
EMINENT WATFERN DREAMER 389790	10 daughters	24	8,875	5.0	446
Born, 4-12-37; proved, 9-30-47;----; Ill.	5 daughters	11	7,927	5.1	408
Sire, 365045; dam, 860295.	5 dams	10	7,388	5.1	374
Herd Owner, Floyd H. Phillips, Barry.	Difference	(3-2-3)	+539	.0	+34
ESTELLA'S SIGNAL BRAVO 358598	14 daughters	27	7,819	5.2	406
Born, 2-15-34; proved, 9-12-47; alive; Tex.	8 daughters	16	8,257	5.2	427
Sire, 346193; dam, 922884.	8 dams	22	7,103	4.9	348
Herd Owner, Ed I. Palmer, Sulphur Springs.	Difference	(6-6-8)	+1,154	+.3	+79
FINANCIAL FAUVIC PRINCE 366275	18 daughters	28	5,971	5.3	319
Born, 5-20-34; proved, 9-30-47;----; Pa.	6 daughters	8	6,126	5.4	330
Sire, 337455; dam, 723141.	6 dams	11	6,596	5.0	332
Herd Owner, Frank J. Cooper, Portersville.	Difference	(3-4-2)	-470	+.4	- 2
FOREMOST FAIRMOUNT 372562	10 daughters	18	6,629	5.9	391
Born, 7-12-35; proved, 9-2-47;----; Mich.	5 daughters	8	5,867	5.9	348
Sire, 309246; dam, 1054572.	5 dams	7	7,479	5.7	428
Herd Owner, R. D. Bancroft, Alto.	Difference	(1-4-1)	-1,612	+.2	-80

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FREYHOF ATTA VICTOR 403467	5 daughters---	7	6,478	4.9	320
Born, 9-3-38; proved, 9-12-47;----; Pa.	5 dams--------	28	8,345	4.8	400
Sire, 370506; dam, 1226166.	Difference----	(1-4-0)	-1,867	+.1	-80
Herd Owner, Max Frey, Ottsville.					
GOLDEN SYBIL POPPY 382102	11 daughters--	23	5,289	5.1	271
Born, 11-6-36; proved, 9-19-47;----; Pa.	6 daughters---	11	5,044	4.9	245
Sire, 364881; dam, 982017.	6 dams--------	10	7,348	5.3	389
Herd Owner, William W. McCombs, New Castle.	Difference----	(1-1-0)	-2,304	-.4	-144
HALLMARK DESIGN 382801	11 daughters--	23	5,361	5.0	270
Born, 8-10-36; proved, 9-5-47;----; Tenn.	11 dams-------	41	7,439	4.7	351
Sire, 359752; dam, 1052976.	Difference----	(1-9-0)	-2,078	+.3	-81
Herd Owner, E. M. Atkinson, Fountain City.					
IVY LAD SUCCESSOR PRINCE 395742	5 daughters---	8	7,508	5.1	385
Born, 12-9-37; proved, 9-11-47;----; Ind.	5 dams--------	12	8,386	4.9	408
Sire, 371214; dam, 1011799.	Difference----	(2-3-2)	-878	+.2	-23
Herd Owner, Mrs. James A. Price & Sons, Ossian.					
JESTER SUCCESSOR OWL 382033	7 daughters---	11	4,940	5.8	286
Born, 10-4-36; proved, 9-12-47;----; Ohio.	6 daughters---	9	4,815	5.8	277
Sire, 359402; dam, 1063056.	6 dams--------	12	7,166	5.2	371
Herd Owner, Icy & May Nuding, Mendon.	Difference----	(0-6-0)	-2,351	+.6	-94
JOCK TRAP 395796	5 daughters---	8	7,950	4.5	355
Born, 2-27-38; proved, 9-5-47; dead; Del.	5 dams--------	22	7,231	5.1	372
Sire, 382277; dam, 889577.	Difference----	(4-0-1)	+719	-.6	-17
Herd Owner, Henry C. Mitchell, Hockessin.					
LINE SENATOR SOPHIA GAMBOGE 398183	11 daughters--	15	6,955	5.6	388
Born, 2-25-38; proved, 9-25-47;----; Va.	7 daughters---	8	7,384	5.4	401
Sire, 365723; dam, 1032033.	7 dams--------	11	7,997	5.5	436
Herd Owner, R. W. Curtis, Viewtown.	Difference----	(4-4-3)	-613	-.1	-35
LODESTAR GOLDEN OWL 412504	15 daughters--	17	5,377	5.4	288
Born, 2-14-40; proved, 9-19-47;----; Vt.	12 daughters--	14	5,627	5.3	299
Sire, 383577; dam, 1149192.	12 dams-------	41	5,680	5.1	290
Herd Owner, Chester P. Child, South Pomfret.	Difference----	(4-7-5)	- 53	+.2	+ 9
MARIE'S OWL BILLY OF B. S. 349355	13 daughters--	19	6,984	4.7	331
Born, 3-29-30; proved, 9-11-47;----; Vt.	9 daughters---	15	7,319	4.8	352
Sire, 241188; dam, 403787.	9 dams--------	37	7,080	5.2	370
Herd Owner, Persus Monteith, East Richford.	Difference----	(6-2-2)	+239	-.4	-18
MILDRED'S GOLDEN OWL 341224	14 daughters--	18	7,825	5.2	405
Born, 4-30-31; proved, 9-10-47; dead; Vt.	6 daughters---	6	7,751	5.2	402
Sire, 199194; dam, 478318.	6 dams--------	18	7,831	5.7	442
Herd Owner, Charles K. Jones, Waitsfield.	Difference----	(2-2-2)	- 80	-.5	-40
NOBLE RALEIGH SCEPTRE 367056	9 daughters---	11	7,197	5.2	371
Born, 12-18-34; proved, 9-19-47;----; Iowa.	9 dams--------	17	7,792	5.2	405
Sire, 354107; dam, 824044.	Difference----	(3-5-4)	-595	.0	-34
Herd Owner, Roe Anderson, Ankeny.					
NOBLE ST. MAWES BEAU BRUMMEL 397780	13 daughters--	17	9,457	5.4	508
Born, 3-1-38; proved, 9-30-47;----; Wash.	11 daughters--	14	9,561	5.3	510
Sire, 284104; dam, 1068034.	11 dams-------	33	9,473	5.5	523
Herd Owner, E. F. Roberts, Sunnyside.	Difference----	(6-4-6)	+ 88	-.2	-13
NOBLY BORN WILL DO 367555	7 daughters---	19	6,742	5.2	353
Born, 8-8-33; proved, 9-8-47; dead; Mich.	6 daughters---	15	6,933	5.2	358
Sire, 340439; dam, 1025225.	6 dams--------	16	7,085	5.1	358
Herd Owner, Taylor & Taylor, Coral.	Difference----	(3-5-3)	-152	+.1	0
OVERCROSS CLAUDIUS 373488	11 daughters--	20	9,132	4.4	403
Born, 7-19-35; proved, 9-10-47; dead; N. J.	5 daughters---	9	10,047	4.5	456
Sire, 333575; dam, 1091352.	5 dams--------	9	9,123	4.0	363
Herd Owner, Edward Lindstrom, Somerville.	Difference----	(3-4-5)	+924	+.5	+93
PIONEER JAVA DESIGN 398973	5 daughters---	6	7,076	4.8	337
Born, 5-1-38; proved, 9-5-47;----; Mo.	5 dams--------	16	6,941	5.0	350
Sire, 382280; dam, 1129907.	Difference----	(3-1-1)	+135	-.2	-13
Herd Owner, Cliff R. Meeker, Columbia.					
PRIDE DESIGN EMBLEM DUKE 407837	8 daughters---	10	7,631	5.0	381
Born, 3-16-39; proved, 9-8-47;----; Ind.	7 daughters---	9	7,788	5.0	388
Sire, 310968; dam, 868035.	7 dams--------	22	7,684	5.4	417
Herd Owner, S. Everett Rice, Monroe.	Difference----	(3-1-2)	+104	-.4	-29
PROGRESS TORONO PATHFINDER 382354	8 daughters---	9	7,325	5.7	415
Born, 11-16-36; proved, 9-3-47;----; Mo.	8 dams--------	24	7,980	5.2	414
Sire, 319668; dam, 922835.	Difference----	(2-5-5)	-655	+.5	+ 1
Herd Owner, A. W. Luke, Clarksville.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
RICHLAND BLONDE PRINCE 412941----------	8 daughters---	11	7,783	5.1	396
Born, 10-12-39; proved, 9-25-47;----; Kans.	8 dams--------	27	6,315	5.4	343
Sire, 378128; dam, 968120.	Difference----	(7-1-7)	+1,468	-.3	+53
Herd Owner, Richland View, Nickerson.					
ROYAL PLYMOUTH 338296----------	23 daughters--	43	7,594	4.7	356
Born, 7-6-29; proved, 9-10-47;----; Md.	10 daughters--	19	7,778	4.6	357
Sire, P.S. 6459 H.C.; dam, P. S. 35795 H.C.	10 dams-------	18	7,765	4.9	377
Herd Owner, F. Guy McGrady, Rising Sun.	Difference----	(5-1-4)	+ 13	-.3	-20
SENATOR OWL SOPHIE CORA 364045----------	8 daughters---	22	6,151	5.0	310
Born, 4-6-34; proved, 9-10-47;----; Md.	5 daughters---	14	6,561	5.1	336
Sire, 203000; dam, 650139.	5 dams--------	22	7,314	5.0	368
Herd Owner, John W. Bay, Whiteford.	Difference----	(2-3-3)	-753	+.1	-32
SOPHIE TORONO TID OWL JACOB 354827----------	18 daughters--	26	6,908	5.4	371
Born, 11-12-32; proved, 9-30-47;----; Md.	5 daughters---	9	6,280	5.3	335
Sire, 242236; dam, 797330.	5 dams--------	7	7,379	4.8	355
Herd Owner, T. Jerome Heaps, Street.	Difference----	(1-3-1)	-1,099	+.5	-20
SYBIL IVAN MAJESTY 376304----------	7 daughters---	11	7,134	5.3	376
Born, 8-11-35; proved, 9-24-47;----; Ind.	5 daughters---	7	6,815	5.6	380
Sire, 362495; dam, 1075241.	5 dams--------	9	7,940	5.3	418
Herd Owner, Homer Rowe & Neil Roe, Bluffton.	Difference----	(1-3-2)	-1,125	+.3	-38
SYBIL OXFORD HANDSOME 372489----------	16 daughters--	50	6,370	5.5	348
Born, 5-15-35; proved, 9-2-47;----; Vt.	7 daughters---	17	6,333	5.5	348
Sire, 323913; dam, 950070.	7 dams--------	23	7,365	5.5	404
Herd Owner, Pasture Hill Farm, Woodstock.	Difference----	(0-4-1)	-1,032	.0	-56
SYBIL'S CHRISTMAS PREMIER 2D 341814----------	11 daughters--	28	6,620	5.5	365
Born, 12-4-30; proved, 9-10-47;----; Pa.	6 daughters---	12	6,629	5.4	356
Sire, 297351; dam, 764881.	6 dams--------	16	7,786	5.6	433
Herd Owner, Morris R. & A. B. Humpton, Milan.	Difference----	(2-3-2)	-1,157	-.2	-77
SYBIL STOCKWELL SULTAN 393739 *9----------	29 daughters--	60	7,976	5.2	412
Born, 9-3-37; proved, 9-30-47;----; Pa.	28 daughters--	58	7,904	5.2	409
Sire, 368386; dam, 1041790.	28 dams-------	127	8,773	5.2	456
Herd Owner, Max Forcey, Woodland.	Difference----	(8-13-8)	-869	.0	-47
WATFERN MOOR SUCCESSOR 361455----------	7 daughters---	9	7,391	5.5	405
Born, 6-30-34; proved, 9-10-47;----; N. Y.	6 daughters---	8	7,288	5.5	400
Sire, 314552; dam, 737352.	6 dams--------	13	7,275	5.0	366
Herd Owner, Lake Placid Club, Lake Placid.	Difference----	(4-5-5)	+ 13	+.5	+34
WHITEWOOD DARK BOY 408460----------	15 daughters--	26	8,460	5.1	428
Born, 3-15-39; proved, 9-10-47; dead; Mich.	10 daughters--	19	8,231	5.2	428
Sire, 376556; dam, 1246996.	10 dams-------	35	9,625	4.9	475
Herd Owner, Floyd Stevens, Allegan.	Difference----	(2-8-2)	-1,394	+.3	-47
ENIA SYBIL BLONDE KING 397561----------	15 daughters--	30	6,700	5.2	349
Born, 10-24-38; proved, 9-30-47;----; Pa.	14 daughters--	27	6,719	5.2	349
Sire, 341694; dam, 920499.	14 dams-------	74	7,362	5.1	373
Herd Owner, Howard F. Brunges & Son, Tunkhannock.	Difference----	(3-9-7)	-643	+.1	-24
07413----------	12 daughters--	29	7,289	5.3	389
Born, ----; proved, 9-12-47;----; W. Va.	11 daughters--	26	7,325	5.3	388
Sire, ----; dam, ----.	11 dams-------	39	8,625	5.0	427
Herd Owner, H. C. Lamp & Son, Shepherdstown.	Difference----	(1-9-3)	-1,300	+.3	-39
-B1117 (DHIA EARTAG)----------	8 daughters---	12	5,325	4.7	251
Born, 1-25-34; proved, 9-30-47; dead; Vt.	5 daughters---	8	5,752	4.7	271
Sire, ----; dam, ----.	5 dams--------	7	7,431	3.7	277
Herd Owner, Alexander Larraway, Morrisville.	Difference----	(0-5-2)	-1,679	+1.0	- 6
-A4225 (DHIA EARTAG)----------	11 daughters--	13	6,404	4.2	269
Born, ----; proved, 9-30-47;----; Vt.	6 daughters---	7	6,412	4.3	273
Sire, ----; dam, ----.	6 dams--------	11	7,450	4.1	307
Herd Owner, C. S. McWain, Arlington.	Difference----	(0-5-2)	-1,038	+.2	-34
B8940 (DHIA EARTAG)----------	9 daughters---	14	5,791	5.4	313
orn, ----; proved, 9-30-47;----; Vt.	5 daughters---	8	5,487	5.5	302
ire, ----; dam, ----.	5 dams--------	14	5,837	5.6	327
erd Owner, Erwin Cox, Bradford.	Difference----	(2-2-2)	-350	-.1	-25
139760 (BANGS OR TB EARTAG)----------	7 daughters---	10	6,685	5.5	368
orn, ----; proved, 9-30-47;----; Vt.	7 dams--------	25	6,931	5.3	369
tre, ----; dam, ----.	Difference----	(3-6-2)	-246	+.2	- 1
rd Owner, Hill Top Farm, Chester.					
30325 (BANGS OR TB EARTAG)----------	16 daughters--	19	6,614	4.7	310
rn, ----; proved, 9-3 -47; dead; W. Va.	8 daughters---	10	6,516	4.7	307
re, ----; dam, ----.	8 dams--------	11	9,607	4.9	468
rd Owner, Miss Nettie Jackson, Lewisburg.	Difference----	(0-4-0)	-3,091	-.2	-161

SHORTHORN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BORG'S BADEN GIFT 1770833----------	5 daughters---	7	7,251	3.8	274
Born, 8-12-33; proved, 9-11-47;----; Iowa.	5 dams--------	13	7,540	3.7	277
Sire, 1684968; dam, 1674515.	Difference----	(1-4-3)	-289	+.1	- 3
Herd Owner, Hilmer H. Larsen, Estherville.					
BORG'S VICTOR CLAYBELLE 1822930----------	8 daughters---	14	8,925	4.2	371
Born, 1-2-35; proved, 9-11-47;----; Wis.	6 daughters---	11	9,511	4.2	399
Sire, 1721154; dam, 1747081.	6 dams--------	15	7,065	4.2	294
Herd Owner, R. W. Lamb & Son, Janesville.	Difference----	(5-3-5)	+2,446	.0	+105
DAIRYLOU SIGNET 1931068----------	15 daughters--	18	6,746	4.1	278
Born, 3-31-38; proved, 9-3-47; dead; Va.	11 daughters--	14	6,271	4.2	260
Sire, 1865683; dam, 1750983.	11 dams-------	22	6,043	3.9	238
Herd Owner, Rock Hill Farm, Shelby.	Difference----	(6-10-6)	+228	+.3	+22
FAIR ACRES JUDGE 1808425----------	27 daughters--	41	6,621	4.2	276
Born, 10-29-34; proved, 9-11-47;----; Kans.	14 daughters--	24	7,063	4.2	295
Sire, 1735893; dam, 1689872.	14 dams-------	30	6,663	4.0	264
Herd Owner, A. N. Johnson, Assaria.	Difference----	(8-10-9)	+400	+.2	+31
MEADOW MAY KING 1945181----------	15 daughters--	23	7,091	3.9	278
Born, 6-19-37; proved, 9-3-47;----; Mich.	9 daughters---	12	7,209	4.0	291
Sire, 1853637; dam, 1776157.	9 dams--------	27	7,569	3.6	275
Herd Owner, Ralph Grieves & Sons, Saranac.	Difference----	(5-8-5)	-360	+.4	+16
SUSIE'S FERN PRIDE 1791143----------	9 daughters---	13	6,685	3.9	258
Born, 1-10-34; proved, 9-12-47;----; Minn.	5 daughters---	9	6,640	4.0	263
Sire, 1674354; dam, 1688378.	5 dams--------	12	6,886	3.5	244
Herd Owner, William Marshall, Shakopee.	Difference----	(2-5-3)	-246	+.5	+19
WACHUSETT DAIRYMAN 1913280----------	24 daughters--	27	7,293	4.2	304
Born, 11-19-37; proved, 9-8-47;----; Iowa.	17 daughters--	19	7,465	4.2	313
Sire, 1859281; dam, 1831097.	17 dams-------	75	7,413	4.1	301
Herd Owner, Irvin F. Meyer & Sons, McGregor.	Difference----	(9-14-11)	+ 52	+.1	+12
WATERLOO'S PRIDE 1934491----------	11 daughters--	19	6,379	4.0	253
Born, 6-10-38; proved, 9-19-47;----; Minn.	10 daughters--	17	6,335	4.0	253
Sire, 1690883; dam, 1777743.	10 dams-------	47	7,275	3.8	280
Herd Owner, Erwin R. Hinrichs, Red Wing.	Difference----	(5-8-4)	-940	+.2	-27

AMERICAN DAIRY CATTLE CLUB SIRES

CARNATION INKA SEGIS WALKER 160
(This sire is also a registered Holstein "Carnation Inka Segis Walker 781856." Proved Sire data included in Holstein listing.)

FLORINE'S ROYAL REX OF ELMWOOD 398
(This sire is also a registered Guernsey "Florine's Royal Rex of Elmwood 298569." Proved Sire data included in Guernsey listing.

SKYLINE VEEMAN 455
(This sire is also a registered Holstein "Skyline Veeman 727340." Proved Sire data included in Holstein listing.)

U NEB QUANTOR PAN 200
(This sire is also a registered Holstein "U Neb Quantor Pan 772753." Proved Sire data included in Holstein listing.)

VAN HORNE DENVER COLANTHA LAD 1011
(This sire is also a registered Holstein "Van Horne Denver Colantha Lad 788767." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 23, No. 11

November 1947

THE 20,000th DHIA PROVED SIRE

In October, the Bureau of Dairy Industry compiled a proved-sire record for the 20,000th sire to be proved since the Nation-wide DHIA Proved-Sire Program was inaugurated cooperatively in 1935 by the Bureau and the various State extension services.

Since the program began, nearly one and three-quarter million 305-day lactation records for approximately 900,000 cows have been reported by the various States to the Bureau for use in compiling proved-sire records. At least one dam-and-daughter record has been reported to date for each of the approximately 100,000 sires that are now recorded as being used or having been used in association herds. Sufficient data (at least 5 dam-and-daughter comparisons) are now being received by the Bureau to prove several thousand sires in association herds each year.

The 20,000th DHIA proved sire is a Holstein -- Wisfob Ormsby Ollie Good Luck 779629. He was proved with dam-and-daughter data from one Michigan herd and three Wisconsin herds. A summary of the record of this sire is given on page 19.

DHIA PROVED-SIRE RECORDS TABULATED IN OCTOBER 1947

Following is a list of 376 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in October 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ALTA CREST FULL TILT 59336	7 daughters---	9	9,174	3.7	342
Born, 11-23-38; proved, 10-13-47; dead; Ohio.	6 daughters---	8	9,248	3.7	343
Sire, 54145; dam, 94955.	6 dams--------	17	7,367	3.8	278
Herd Owner, Earl Betts, Wellington.	Difference----	(4-4-4)	+1,881	-.1	+65
ALTA CREST NEW MOON, IMP. 59750	7 daughters---	10	7,393	3.5	260
Born, 4-20-38; proved, 10-28-47;----; N. H.	7 dams--------	24	8,391	3.8	322
Sire, 47157; dam, 209516.	Difference----	(1-1-1)	-998	-.3	-62
Herd Owner, Barker Brothers, Stratham.					
ASH GROVE HIGH BROW (TWIN) 57701	9 daughters---	10	7,899	3.8	304
Born, 10-29-37; proved, 10-21-47; dead; N. Y.	9 dams--------	21	8,378	3.9	330
Sire, 51681; dam, 138290.	Difference----	(4-4-3)	-479	-.1	-26
Herd Owner, Ash Grove Farms, Saratoga Springs.					
ATWOOL ORCHARDS FLAG STAR 58456	10 daughters--	13	8,483	3.9	334
Born, 10-26-37; proved, 10-28-47;----; N. Y.	10 dams-------	31	9,400	4.1	387
Sire, 34996; dam, 152392.	Difference----	(5-2-4)	-917	-.2	-53
Herd Owner, Atwood Orchards Valcour Farms, Peru.					
AUCHENBRAIN IDEAL, IMP. 51656	14 daughters--	33	8,338	3.9	323
Born, 5-20-34; proved, 10-23-47;----; Mass.	8 daughters---	15	7,756	3.8	296
Sire, 51654; dam, 172549.	8 dams--------	33	9,947	3.9	393
Herd Owner, Woodlawn Farm, Abington.	Difference----	(2-3-3)	-2,191	-.1	-97
BLEND'S SIR GILBERT 55892	7 daughters---	8	7,987	4.1	327
Born, 12-10-36; proved, 10-28-47;----; N. Y.	6 daughters---	7	8,167	4.1	338
Sire, 48348; dam, 161359.	6 dams--------	19	8,889	4.0	351
Herd Owner, Allison Mann, Prattsburg.	Difference----	(1-5-3)	-722	+.1	-13
BRACKENFELL MASTER 54871	6 daughters---	8	7,362	4.1	305
Born, 3-24-36; proved, 10-13-47;----; Ill.	6 dams--------	13	7,731	4.1	314
Sire, 34461; dam, 91405.	Difference----	(2-4-2)	-369	.0	- 9
Herd Owner, Den-Ayr Farm, Somonauk.					
BURNSIDE TOP GRADE'S STATESMAN 49894	10 daughters--	20	7,056	3.8	270
Born, 8-7-30; proved, 10-20-47;----; Md.	6 daughters---	12	6,775	3.9	261
Sire, 39106; dam, 159709.	6 dams--------	15	8,921	3.9	352
Herd Owner, Le Roy J. Hoff, New Windsor.	Difference----	(1-2-0)	-2,146	.0	-91
CAVALIER'S SKIPPER 50407	6 daughters---	9	8,713	3.6	318
Born, 5-29-34; proved, 10-13-47;----; Ohio.	5 daughters---	7	8,639	3.6	315
Sire, 40914; dam, 104150.	5 dams--------	11	9,108	3.9	359
Herd Owner, C. J. Queen, Spencer.	Difference----	(1-2-1)	-469	-.3	-44
CRAIGHURST LUCIFER 34665	22 daughters--	91	8,545	3.9	330
Born, 1-12-26; proved, 10-28-47;----; N. Y.	11 daughters--	56	8,787	3.9	338
Sire, 26335; dam, 45347.	11 dams-------	18	8,837	4.2	367
Herd Owner, Daniel A. Craig, Rome.	Difference----	(5-2-4)	- 50	-.3	-29
GOULD-DALE'S DOUGLAS 57479	12 daughters--	22	8,207	4.3	355
Born, 9-28-37; proved, 10-24-47;----; N. Y.	8 daughters---	14	8,221	4.5	367
Sire, 51787; dam, 98022.	8 dams--------	12	9,203	3.8	350
Herd Owner, Dr. Z. G. Truesdell, Warsaw.	Difference----	(4-8-4)	-982	+.7	+17
GRANDVIEW COASTGUARD 3L, IMP. 57918	25 daughters--	48	8,398	3.7	312
Born, 7-19-37; proved, 10-24-47;----; Mont.	24 daughters--	45	8,391	3.7	311
Sire, 57286; dam, 178426.	24 dams-------	51	10,720	3.8	403
Herd Owner, H. B. Mitchell, Great Falls.	Difference----	(4-9-3)	-2,329	-.1	-92
ILLINI DONELLA MAGNET 59968	10 daughters--	10	10,923	4.1	444
Born, 9-15-38; proved, 10-28-47;----; Ill.	9 daughters---	9	10,605	4.1	433
Sire, 50792; dam, 130626.	9 dams--------	16	9,426	4.1	382
Herd Owner, Frank McDonald & Sons, Princeton.	Difference----	(6-5-7)	+1,179	.0	+51
IROQUOIS DESIGNATOR 47992	15 daughters--	15	7,419	3.9	292
Born, 1-9-34; proved, 10-7-47;----; Ohio.	8 daughters---	8	7,152	4.0	284
Sire, 44959; dam, 137404.	8 dams--------	13	7,023	3.8	264
Herd Owner, Evemere Farm, Hudson.	Difference----	(5-6-5)	+129	+.2	+2

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
LANEWAY LOYALMEADE DON JUAN 65556	11 daughters	15	8,570	4.2	356
Born, 10-4-40; proved, 10-13-47; alive; W. Va.	10 daughters	13	8,382	4.2	356
Sire, 51577; dam, 122200.	10 dams	47	9,250	4.2	391
Herd Owner, Reymann Memorial Farms, Morgantown.	Difference	(3-6-3)	-868	.0	-35
LIPPITT PETER ROCK 57032	9 daughters	10	9,345	3.7	349
Born, 7-31-37; proved, 10-21-47; ----; Iowa.	6 daughters	6	9,053	3.7	334
Sire, 47977; dam, 122783.	6 dams	9	11,312	4.1	459
Herd Owner, Howie Lang & Sons, Brooklyn.	Difference	(0-1-0)	-2,259	-.4	-125
METROPOLITAN TRAVELLER 17TH 47305	10 daughters	16	8,403	3.9	332
Born, 8-13-33; proved, 10-21-47; dead; N. Y.	8 daughters	13	8,356	3.9	326
Sire, 25943; dam, 75532.	8 dams	23	10,284	4.0	413
Herd Owner, New York State Veterans Home, Wilton.	Difference	(1-5-1)	-1,928	-.1	-87
OREGON LUCKY BOY X 52972	20 daughters	38	8,828	4.2	371
Born, 11-25-35; proved, 10-8-47; ----; Mont.	16 daughters	34	8,632	4.2	359
Sire, 43088; dam, 81658.	16 dams	37	10,291	3.7	382
Herd Owner, H. B. Mitchell, Great Falls.	Difference	(3-12-9)	-1,659	+.5	-23
PENN AYR FERDINAND 59765	13 daughters	26	6,833	4.0	273
Born, 5-6-38; proved, 10-29-47; ----; Pa.	7 daughters	12	6,874	4.0	277
Sire, 47399; dam, 154367.	7 dams	13	7,539	4.2	316
Herd Owner, E. E. Pawling Estate, Selinsgrove.	Difference	(2-2-2)	-665	-.2	-39
QUAKER BOY OF PETTINGILL 56811	12 daughters	20	8,812	3.8	331
Born, 5-28-37; proved, 10-27-47; ----; Vt.	8 daughters	12	8,498	3.7	314
Sire, 42076; dam, 149428.	8 dams	15	10,126	3.9	392
Herd Owner, Murray E. Plumb, Chester.	Difference	(1-5-1)	-1,628	-.2	-78
SHIRLEY AYR VIOLATOR 55874	10 daughters	16	7,811	3.8	301
Born, 10-2-36; proved, 10-7-47; ----; Pa.	8 daughters	14	8,004	3.9	309
Sire, 49137; dam, 144361.	8 dams	15	10,427	4.0	419
Herd Owner, National Farm School, Farm School.	Difference	(2-3-2)	-2,423	-.1	-110
STRATHAVEN WAR CHANCE 59905	18 daughters	19	7,566	4.2	317
Born, 9-22-38; proved, 10-28-47; ----; N. Y.	10 daughters	10	7,637	4.2	321
Sire, 42422; dam, 149668.	10 dams	29	6,728	3.8	258
Herd Owner, Dr. Byron E. Chapman, Broadalbin.	Difference	(8-7-8)	+909	+.4	+63
SYCAMORE DOUBLE SUN 57834	8 daughters	10	8,144	3.9	320
Born, 11-7-37; proved, 10-21-47; dead; N. Y.	7 daughters	9	8,148	3.9	317
Sire, 51654; dam, 144910.	7 dams	17	7,958	4.2	337
Herd Owner, Lester Schwingel & Sons, Atlanta.	Difference	(4-2-3)	+190	-.3	-20
SYCAMORE GAY LIFE 53341	13 daughters	22	7,971	4.0	319
Born, 2-5-36; proved, 10-23-47; ----; Md.	5 daughters	11	7,748	4.1	315
Sire, 47698; dam, 149673.	5 dams	9	9,536	3.8	364
Herd Owner, Gilbert J. Perry, Baltimore.	Difference	(2-4-2)	-1,788	+.3	-49

BROWN SWISS SIRES

ALICE'S REX 42167	7 daughters	9	10,472	3.9	406
Born, 11-18-38; proved, 10-29-47; ----; Iowa.	7 dams	22	9,528	3.7	348
Sire, 37861; dam, 24077.	Difference	(5-7-7)	+944	+.2	+58
Herd Owner, Karl Miller, Elgin.					
ALVA'S ROYAL LAD OF LEE'S HILL 48097	5 daughters	6	10,629	4.0	423
Born, 8-14-40; proved, 10-13-47; alive; S. Dak.	5 dams	15	12,634	3.9	495
Sire, 28594; dam, 46791.	Difference	(2-3-2)	-2,005	+.1	-72
Owner, South Dakota Co-op. A. B. A.					
BETTY JANE'S BELL BOY 41393	7 daughters	10	10,302	3.9	403
Born, 4-11-38; proved, 10-27-47; ----; Wis.	6 daughters	9	10,130	4.0	405
Sire, 24513; dam, 36885.	6 dams	9	9,452	3.9	373
Herd Owner, J. W. Hess, Jefferson.	Difference	(5-2-4)	+678	+.1	+32
BUSTER OF P. F.'S PRINCE 28571	14 daughters	38	8,743	4.2	365
Born, 7-31-32; proved, 10-24-47; ----; Wis.	5 daughters	8	8,028	4.3	347
Sire, 26024; dam, 17464.	5 dams	11	7,890	4.4	346
Herd Owner, St. Francis Monastery, Burlington.	Difference	(3-3-2)	+138	-.1	+ 1
CONQUEROR OF WEST LAWN 42042	6 daughters	11	12,486	3.9	486
Born, 2-9-38; proved, 10-6-47; ----; Wis.	6 dams	39	10,744	4.1	437
Sire, 32865; dam, 52917.	Difference	(6-2-5)	+1,742	-.2	+49
Herd Owner, Weber West, Sarona.					
GOLDEN BEAUTY RINGMASTER 3D 38767	11 daughters	15	10,027	4.1	416
Born, 8-24-37; proved, 10-6-47; ----; Wis.	5 daughters	6	10,633	4.1	440
Sire, 35179; dam, 58138.	5 dams	7	9,508	4.1	389
Herd Owner, E. P. Galloway, Fond du Lac.	Difference	(3-2-3)	+1,125	.0	+51

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KING DONALD OF WINGOOD 24405	11 daughters	23	6,784	4.1	279
Born, 9-16-30; proved, 10-21-47;----; N. Y.	6 daughters	15	6,892	4.1	283
Sire, 11631; dam, 21825.	6 dams	6	6,667	4.0	268
Herd Owner, Snowdale Farm, North Brookfield.	Difference	(5-4-4)	+225	+.1	+15
LADY FERN'S PRIDE MARIUS OF KREAMLINE 41460	17 daughters	25	5,724	4.2	240
Born, 6-1-38; proved, 10-15-47;----; N. Y.	13 daughters	19	5,470	4.3	235
Sire, 29126; dam, 57887.	13 dams	28	7,188	4.1	297
Herd Owner, Snowdale Farm, North Brookfield.	Difference	(1-11-2)	-1,718	+.2	-62
LYDIE MARCEL'S HERZOG 40480	8 daughters	11	11,617	4.3	503
Born, 10-19-37; proved, 10-27-47;----; Ill.	5 daughters	8	12,114	4.4	529
Sire, 32951; dam, 45313.	5 dams	13	10,368	4.1	425
Herd Owner, Raymond Kaiser, Dakota.	Difference	(5-5-5)	+1,746	+.3	+104
NIAGARA BELLE'S REUBEN OF ELLERSLIE 36716	7 daughters	8	9,843	3.7	369
Born, 9-29-36; proved, 10-30-47;----; Mich.	5 daughters	6	9,474	3.6	341
Sire, 31750; dam, 44429.	5 dams	11	8,472	3.9	326
Herd Owner, Vern Furlong, Shepherd.	Difference	(4-2-3)	+1,002	-.3	+15
PAUL V. B. 35124	10 daughters	12	11,307	3.6	406
Born, 8-27-35; proved, 10-21-47;----; Minn.	9 daughters	11	10,531	3.6	384
Sire, 23576; dam, 33385.	9 dams	26	9,837	3.5	348
Herd Owner, Martin Eberhard & Son, St. Paul.	Difference	(5-5-5)	+694	+.1	+36
PEARL'S BOY OF DAIRYDALE 37501	8 daughters	13	9,272	3.9	358
Born, 2-2-37; proved, 10-21-47;----; Minn.	6 daughters	9	9,561	3.8	363
Sire, 28670; dam, 30293.	6 dams	9	8,643	4.0	347
Herd Owner, William N. Kessler, Albertville.	Difference	(6-1-5)	+918	-.2	+16
POLLY'S PRINCE OF BUTTERNUT 38587	9 daughters	16	11,205	3.9	434
Born, 8-25-37; proved, 10-27-47;----; Wis.	6 daughters	10	10,550	3.8	399
Sire, 24366; dam, 60324.	6 dams	11	11,769	3.8	450
Herd Owner, Wesley Newhouse, Kaukauna.	Difference	(1-3-2)	-1,219	.0	-51
TULIP'S CAPTAIN OF ALFALFA KNOLL 39816	11 daughters	11	9,660	4.1	399
Born, 9-30-37; proved, 10-27-47;----; Ill.	7 daughters	7	9,683	4.2	403
Sire, 34515; dam, 46987.	7 dams	8	11,130	3.5	394
Herd Owner, Joseph Stoller, Speer.	Difference	(2-7-2)	-1,447	+.7	+ 9
WALLACE'S BUDDY OF ELLERSLIE 42321	5 daughters	9	9,764	4.1	401
Born, 10-31-38; proved, 10-6-47;----; N. Y.	5 dams	31	10,101	4.0	406
Sire, 24084; dam, 32381.	Difference	(2-3-2)	-337	+.1	- 5
Herd Owner, W. W. Kincaid Estate, Youngstown.					

GUERNSEY SIRES

ADELMER'S CORONATION ESQUIRE 291832	5 daughters	6	7,733	5.1	391
Born, 9-10-40; proved, 10-22-47;----; Minn.	5 dams	18	6,992	5.1	355
Sire, 257582; dam, 448656.	Difference	(4-3-4)	+741	.0	+36
Herd Owner, Bernard Wachholz & Sons, Stockton.					
ANTIETAM BUTTERFAT EMBLEM 218968	16 daughters	48	6,748	4.8	327
Born, 6-29-34; proved, 10-29-47;----; Pa.	15 daughters	47	6,768	4.8	325
Sire, 172478; dam, 271960.	15 dams	75	7,540	4.7	357
Herd Owner, Dr. H. S. Arthur, Fort Loudon.	Difference	(4-10-4)	-772	+.1	-32
BAYVILLE HERMES BEAU 282483	15 daughters	31	7,563	4.8	362
Born, 10-18-39; proved, 10-7-47;----; Va.	14 daughters	30	7,601	4.8	362
Sire, 198772; dam, 375946.	14 dams	54	7,008	4.8	337
Herd Owner, Whippernock Farm, Sutherland.	Difference	(8-7-8)	+593	.0	+25
BEECHWOOD RADICAL 232416	7 daughters	12	6,971	4.4	309
Born, 8-2-35; proved, 10-27-47;----; Md.	6 daughters	9	7,030	4.4	309
Sire, 130281; dam, 257380.	6 dams	8	9,032	4.2	382
Herd Owner, Bertram B. Wright & Son, White Hall.	Difference	(1-4-0)	-2,002	+.2	-73
BETHANY FAVOR'S CLOVELLY 308555	6 daughters	7	9,105	4.8	439
Born, 8-6-41; proved, 10-24-47;----; Iowa.	6 dams	39	8,558	5.1	440
Sire, 247154; dam, 346846.	Difference	(4-1-3)	+547	-.3	- 1
Herd Owner, Mrs. John Gosch, Bigelow, Minn.					
BOW'S MASTERFUL PRINCE 298410	6 daughters	6	7,779	5.5	424
Born, 6-15-40; proved, 10-6-47;----; Pa.	6 dams	24	7,135	4.9	349
Sire, 219865; dam, 501947.	Difference	(4-5-5)	+644	+.6	+75
Herd Owner, Meade A. Buhite, Reynoldsville.					
BROOKWOOD WAR CLOUD 222221	12 daughters	22	8,424	4.6	386
Born, 2-20-35; proved, 10-22-47;----; Mich.	10 daughters	20	8,567	4.6	396
Sire, 203693; dam, 233599.	10 dams	35	9,512	4.8	453
Herd Owner, S. Shue & J. C. Plagens, Memphis.	Difference	(2-4-3)	-945	-.2	-57

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CALIBUR OF WALNUT LANE 299578	6 daughters---	9	8,471	5.1	431
Born, 7-4-39; proved, 10-20-47;----; Mich.	6 dams--------	16	8,720	5.0	439
Sire, 209639; dam, 596922.	Difference----	(4-4-4)	-249	+.1	- 8
Herd Owner, Miles Skinner & Son, Berrien Center.					
CHICONA HAJJI BABA 279460	11 daughters--	14	8,735	4.8	416
Born, 1-16-38; proved, 10-20-47;----; Wash.	7 daughters---	9	9,064	4.8	433
Sire, 231075; dam, 501554.	7 dams--------	14	8,307	4.6	378
Herd Owner, A. L. Gile, Chinook.	Difference----	(4-5-5)	+757	+.2	+55
CONNER PARK REX 229610	7 daughters---	19	7,055	5.6	392
Born, 8-2-35; proved, 10-22-47;----; Pa.	6 daughters---	15	7,015	5.5	386
Sire, 145354; dam, 271819.	6 dams--------	38	8,902	4.6	411
Herd Owner, C. R. Hack, Berwick.	Difference----	(1-5-2)	-1,887	+.9	-25
COOPER'S AUBREY 269236	10 daughters--	17	7,062	4.8	341
Born, 11-29-38; proved, 10-7-47;----; Iowa.	10 dams-------	37	6,876	4.7	320
Sire, 242011; dam, 356371.	Difference----	(6-6-6)	+186	+.1	+21
Herd Owner, Floyd Creswell, Reinbeck.					
CORONATION MONARCH 250038	7 daughters---	12	9,540	4.8	460
Born, 10-30-36; proved, 10-6-47; dead; Mich.	7 dams--------	22	9,890	4.9	482
Sire, 187794; dam, 320444.	Difference----	(3-4-3)	-350	-.1	-22
Herd Owner, Mrs. E. M. Bricker, Northville.					
CORONATION POTENTATE 225916	11 daughters--	14	8,184	4.7	384
Born, 11-25-34; proved, 10-27-47;----; Va.	8 daughters---	11	8,577	4.7	403
Sire, 206546; dam, 226336.	8 dams--------	21	8,946	4.7	420
Herd Owner, W. A. Houck, Fredericksburg.	Difference----	(3-3-4)	-369	.0	-17
DICTA'S PIONEER'S PRINCE 219097	10 daughters--	21	8,244	5.2	426
Born, 8-18-34; proved, 10-20-47;----; Ind.	5 daughters---	14	8,904	5.1	451
Sire, 205352; dam, 368884.	5 dams--------	13	9,633	5.0	485
Herd Owner, A. H. Michel, Goshen.	Difference----	(1-4-2)	-729	+.1	-34
DOLLY'S MAGNET OF GRAND VIEW 227572	9 daughters---	35	6,634	5.4	360
Born, 2-8-35; proved, 10-29-47;----; Ohio.	8 daughters---	32	6,286	5.5	348
Sire, 202507; dam, 311595.	8 dams--------	30	7,392	5.0	373
Herd Owner, J. C. Rapking, Wellington.	Difference----	(2-6-5)	-1,106	+.5	-25
DORIS' JUMBO OF HOP YARD 238891	5 daughters---	7	7,310	5.3	389
Born, 9-18-35; proved, 10-28-47;----; Va.	5 dams--------	8	7,211	5.2	372
Sire, 184974; dam, 333327.	Difference----	(2-4-2)	+99	+.1	+17
Herd Owner, Hopyard Farm, Sealston.					
DOT MAE'S ROYAL PRINCE 217119	7 daughters---	8	7,586	5.0	376
Born, 2-20-34; proved, 10-20-47;----; Ill.	5 daughters---	6	7,620	4.7	360
Sire, 197786; dam, 250369.	5 dams--------	15	7,344	4.8	354
Herd Owner, Walter Baumgartner, Walnut.	Difference----	(3-1-2)	+276	-.1	+ 6
DOUGLASTON LORD ANDREW 223855	11 daughters--	16	8,970	5.0	446
Born, 12-16-34; proved, 10-9-47;----; Ohio.	6 daughters---	8	9,842	5.0	488
Sire, 166260; dam, 305768.	6 dams--------	11	9,746	4.7	456
Herd Owner, O. C. Belt, Pickerington.	Difference----	(3-5-4)	+ 96	+.3	+32
ELMSTEAD DOLLY'S FOREMOST 227028	7 daughters---	14	8,594	4.9	418
Born, 2-12-35; proved, 10-8-47;----; Mass.	7 dams--------	22	7,962	5.0	401
Sire, 199393; dam, 334658.	Difference----	(5-3-5)	+632	-.1	+17
Herd Owner, Lewis E. King, North Brookfield.					
FOREMOST RAIDER'S FAVORITE 216677	23 daughters--	36	7,554	5.0	381
Born, 5-2-34; proved, 10-20-47;----; Va.	8 daughters---	14	7,939	5.1	404
Sire, 103081; dam, 239534.	8 dams--------	23	7,673	4.9	373
Herd Owner, John L. Sanders, Chilhowie.	Difference----	(5-7-5)	+266	+.2	+31
FOX DEAN'S FOREMOST SEQUEL 250939	22 daughters--	37	8,244	5.2	430
Born, 3-28-37; proved, 10-6-47;----; Va.	21 daughters--	36	8,285	5.2	430
Sire, 75362; dam, 316732.	21 dams-------	53	7,511	5.2	392
Herd Owner, H. J. Sheppard, Chula.	Difference----	(16-10-16)	+774	.0	+38
FRA-MAR CORONATION PRINCE 276661	6 daughters---	7	8,093	4.8	391
Born, 4-10-39; proved, 10-7-47; alive; N. Y.	5 daughters---	6	7,836	4.8	377
Sire, 241119; dam, 409094.	5 dams--------	33	6,854	4.7	324
Herd Owner, Richard E. Haxstun & Son, Fort Edward.	Difference----	(4-4-4)	+982	+.1	+53
FRANCHESTER CEDAR 242625	6 daughters---	10	8,010	4.8	381
Born, 5-31-36; proved, 10-31-47;----; Conn.	6 dams--------	12	8,410	4.9	415
Sire, 89353; dam, 250644.	Difference----	(2-2-2)	-400	-.1	-34
Herd Owner, Waldo Farm, Scotland.					
FRANCHESTER KINSMAN 226101	25 daughters--	44	7,733	4.4	341
Born, 2-13-35; proved, 10-15-47;----; Md.	19 daughters--	38	7,977	4.4	353
Sire, 200171; dam, 292721.	19 dams-------	67	7,663	4.9	372
Herd Owner, Fred C. Downey, Williamsport.	Difference----	(10-3-7)	+314	-.5	-19

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GRASSLAND LEFT BOWER 225035----------	17 daughters--	20	11,035	4.3	470
Born, 12-22-34; proved, 10-29-47;----; Conn.	13 daughters--	14	10,903	4.2	462
Sire, 98473; dam, 263671.	13 dams-------	26	9,450	4.7	443
Herd Owner, John Durst, Salisbury.	Difference----	(11-3-8)	+1,453	-.5	+19
GRASSLAND OLYMPUS 232391----------	9 daughters---	11	8,286	4.4	367
Born, 11-26-35; proved, 10-30-47;----; Conn.	8 daughters---	9	8,329	4.4	363
Sire, 206239; dam, 377343.	8 dams--------	14	7,896	4.8	378
Herd Owner, Mount Fair Farm, Watertown.	Difference----	(5-1-4)	+433	-.4	-15
HEDY'S HARLOW OF ELDERBROOK 299364----------	10 daughters--	16	8,306	4.9	408
Born, 10-16-40; proved, 10-20-47;----; Wis.	10 dams-------	34	8,357	5.2	433
Sire, 272747; dam, 588014.	Difference----	(5-1-4)	- 51	-.3	-25
Herd Owner, Emil Backeberg, Wonewoc.					
HIGHCROFT PREMIER BELL BUOY 220948----------	13 daughters--	20	8,168	4.6	376
Born, 8-19-34; proved, 10-13-47;----; Iowa.	5 daughters---	10	8,849	4.6	404
Sire, 189172; dam, 363952.	5 dams--------	14	8,909	4.8	424
Herd Owner, Marshall Hopper, Toledo.	Difference----	(2-1-2)	- 60	-.2	-20
HILLTOP GOVERNOR BUTTERFAT 219604----------	31 daughters--	47	8,197	4.5	370
Born, 4-17-34; proved, 10-21-47; dead; N. J.	14 daughters--	21	8,273	4.6	377
Sire, 192478; dam, 201440.	14 dams-------	29	8,293	4.5	376
Owner, Co-op. A. B. A. #1	Difference----	(7-10-6)	- 20	+.1	+ 1
KENFLEUR'S KING ONEIDA 302726----------	12 daughters--	19	7,095	4.7	330
Born, 1-1-41; proved, 10-8-47;----; Iowa.	12 dams-------	48	7,107	4.8	342
Sire, 269363; dam, 527604.	Difference----	(8-4-6)	- 12	-.1	-12
Herd Owner, George L. Bassett & Sons, Arlington.					
LANGWATER AMBASSADOR 216197----------	9 daughters---	22	9,353	4.6	428
Born, 8-30-33; proved, 10-13-47;----; Pa.	5 daughters---	15	9,634	4.7	450
Sire, 166128; dam, 195134.	5 dams--------	13	7,846	4.8	374
Herd Owner, Philip J. Baur, Springhouse.	Difference----	(5-2-5)	+1,788	-.1	+76
MAPLE LANE CLOVER'S STEADFAST 288894----------	17 daughters--	20	7,989	4.9	390
Born, 1-24-40; proved, 10-15-47; alive; Pa.	7 daughters---	8	7,994	5.0	399
Sire, 234081; dam, 505746.	7 dams--------	11	7,374	4.2	310
Owner, West Virginia Co-op.A. B. A., W. Va.	Difference----	(3-7-5)	+620	+.8	+89
MARGUERITE'S GEM OF WYANET 218699----------	9 daughters---	22	7,414	4.9	365
Born, 4-10-32; proved, 10-24-47;----; Iowa.	6 daughters---	15	7,161	4.9	350
Sire, 190069; dam, 304489.	6 dams--------	19	7,431	4.7	353
Herd Owner, Harold Eckerman, Davenport.	Difference----	(4-3-3)	-270	+.2	- 3
MASSAPOAG ROYAL 299206----------	12 daughters--	15	6,186	4.9	301
Born, 10-12-39; proved, 10-9-47;----; Maine.	8 daughters---	10	6,289	5.0	312
Sire, 230199; dam, 425697.	8 dams--------	21	6,657	5.0	333
Owner, Maine Co-op. A. B. A.	Difference----	(2-4-2)	-368	.0	-21
MEADOW BROOK'S FAUST 231093----------	21 daughters--	36	8,907	4.9	438
Born, 7-11-35; proved, 10-24-47; dead; N. Y.	11 daughters--	18	8,815	4.9	431
Sire, 205988; dam, 263028.	11 dams-------	25	9,536	4.9	463
Herd Owner, A. J. McNab, Pine Plains.	Difference----	(4-7-5)	-721	.0	-32
MEADOW BROOK'S SILVER TOP 269845----------	17 daughters--	31	8,038	4.9	396
Born, 11-3-38; proved, 10-7-47;----; Pa.	16 daughters--	27	7,962	4.9	392
Sire, 228454; dam, 391749.	16 dams-------	81	8,994	4.7	422
Herd Owner, Andrew F. Hartman, New Bethlehem.	Difference----	(5-11-7)	-1,032	+.2	-30
MEADOW-GOLD BUDDY 238552----------	7 daughters---	10	6,337	5.4	345
Born, 12-21-35; proved, 10-30-47;----; Mich.	5 daughters---	6	6,355	5.4	344
Sire, 189819; dam, 363898.	5 dams--------	8	8,982	4.6	409
Herd Owner, Carwill Jackson, Scottville.	Difference----	(0-5-2)	-2,627	+.8	-65
MOSKEHT NOBLE 232925----------	7 daughters---	8	7,586	4.4	332
Born, 11-6-34; proved, 10-13-47;-----; Mass.	5 daughters---	5	7,845	4.3	341
Sire, 194830; dam, 384746.	5 dams--------	13	6,611	4.6	303
Herd Owner, Floyd Verrill, Concord.	Difference----	(4-1-3)	+1,234	-.3	+38
MOUND CITY LENORA'S MONARCH 280695----------	11 daughters--	21	7,026	5.1	356
Born, 3-21-39; proved, 10-13-47;----; Wis.	5 daughters---	8	7,387	5.5	404
Sire, 245044; dam, 507765.	5 dams--------	17	6,595	5.3	349
Herd Owner, Bert Congdon, Galesville.	Difference----	(4-3-5)	+792	+.2	+55
NASHOBA SEPTIMUS FALCONER 244177----------	7 daughters---	11	7,335	4.6	335
Born, 8-4-36; proved, 10-28-47;----; Conn.	5 daughters---	9	7,670	4.8	366
Sire, 130279; dam, 442007.	5 dams--------	18	8,782	4.7	408
Herd Owner, E. B. Weiss, Sherman.	Difference----	(0-4-1)	-1,112	+.1	-42
NELLIE'S BUTTER BOY 281766----------	23 daughters--	44	8,148	4.8	389
Born, 5-12-38; proved, 10-7-47;----; Va.	20 daughters--	39	8,225	4.8	391
Sire, 238678; dam, 335765.	20 dams-------	46	7,911	5.0	392
Herd Owner, James H. Vaughn, Burkeville.	Difference----	(12-7-12)	+314	-.2	- 1

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
OLD FARMSTEAD ANDY 270074----------	10 daughters--	19	6,174	4.8	299
Born, 9-4-38; proved, 10-20-47;----; Iowa.	9 daughters---	16	5,954	4.9	293
Sire, 206843; dam, 417343.	9 dams--------	28	6,674	5.0	335
Herd Owner, W. C. Brown, Waterloo.	Difference----	(3-4-3)	-720	-.1	-42
OREGON DABREAK TRAVELER 202407----------	8 daughters---	16	10,340	4.7	482
Born, 10-1-31; proved, 10-27-47;----; Wash.	8 dams--------	26	9,337	4.9	460
Sire, 142941; dam, 268358.	Difference----	(6-4-4)	+1,003	-.2	+22
Owner, Walla Walla Valley Co-op. A. B. A.					
POLLY'S PIRATE OF KITCHENER 220838----------	15 daughters--	24	6,813	4.8	329
Born, 4-29-34; proved, 10-22-47;----; Mass.	8 daughters---	9	6,541	4.8	315
Sire, 161094; dam, 219062.	8 dams--------	19	8,193	5.0	407
Herd Owner, Beebe Farms, Inc., Wakefield.	Difference----	(1-1-1)	-1,652	-.2	-92
PORTER AND SPILLERS' BUTTERFAT 217732----------	7 daughters---	8	8,777	5.0	440
Born, 12-10-33; proved, 10-20-47;----; Ohio.	5 daughters---	5	8,150	5.0	408
Sire, 172478; dam, 376007.	5 dams--------	11	8,412	4.6	389
Herd Owner, Laird's Dairy, West Manchester.	Difference----	(3-4-3)	-262	+.4	+19
PRIDE'S KING MAY 242535----------	13 daughters--	21	7,090	4.8	340
Born, 9-21-35; proved, 10-30-47;----; Wis.	13 dams-------	45	8,150	5.0	407
Sire, 222268; dam, 462685.	Difference----	(3-3-3)	-1,060	-.2	-67
Herd Owner, Fred Burhop, Grafton.					
QUAIL ROOST KING SAMUEL 259861----------	21 daughters--	31	7,432	5.3	397
Born, 7-4-37; proved, 10-15-47;----; Va.	13 daughters--	22	7,787	5.5	425
Sire, 215828; dam, 397224.	13 dams-------	40	7,695	4.6	357
Herd Owner, J. N. Jackson, Staunton.	Difference----	(8-13-10)	+ 92	+.9	+68
QUANQUAL GOVERNOR 215254----------	9 daughters---	16	7,748	5.4	415
Born, 11-21-33; proved, 10-21-47; dead; Mich.	5 daughters---	9	8,879	5.4	479
Sire, 184364; dam, 127363.	5 dams--------	15	8,075	5.2	421
Herd Owner, Jim Baty & Son, Coral.	Difference----	(4-3-3)	+804	+.2	+58
RAIDER'S BUFFALO 232477----------	10 daughters--	13	7,249	4.6	330
Born, 8-14-35; proved, 10-27-47;----; Maine.	6 daughters---	7	6,728	4.7	316
Sire, 211296; dam, 292070.	6 dams--------	7	7,421	5.0	369
Herd Owner, Earland Goodhue, Oakland.	Difference----	(1-2-1)	-693	-.3	-53
ST. ALBANS COUNT'S DART 271970----------	13 daughters--	26	8,265	5.3	435
Born, 8-19-38; proved, 10-7-47;----; Iowa.	12 daughters--	23	8,346	5.3	439
Sire, 128093; dam, 413487.	12 dams-------	44	9,031	5.3	476
Herd Owner, Henry F. Gensicke & Son, Cedar Rapids.	Difference----	(4-7-2)	-685	.0	-37
SAUGERTIES EOLUS 236587----------	22 daughters--	55	8,946	4.9	436
Born, 1-27-36; proved, 10-30-47;----; Pa.	17 daughters--	43	8,997	4.9	440
Sire, 179382; dam, 243366.	17 dams-------	101	10,122	4.7	475
Herd Owner, Goodleigh Farm, Dallas.	Difference----	(4-12-6)	-1,125	+.2	-35
SHANTITUCK DAISY'S ROMEO 278385----------	8 daughters---	9	6,742	5.2	349
Born, 8-25-39; proved, 10-30-47;----; Wis.	7 daughters---	8	6,532	5.2	343
Sire, 258560; dam, 461620.	7 dams--------	12	8,641	4.8	417
Herd Owner, H. W. Shreiber, Spooner.	Difference----	(1-7-1)	-2,109	+.4	-74
SONSIE'S VAGABOND 285760----------	16 daughters--	21	8,910	4.5	401
Born, 3-21-40; proved, 10-29-47;----; Pa.	12 daughters--	15	9,007	4.5	403
Sire, 231275; dam, 435373.	12 dams-------	44	8,713	4.8	417
Herd Owner, John S. Peckman, Chambersburg.	Difference----	(7-3-4)	+294	-.3	-12
TARBELL FARMS ROYAL HAMBRO 298643----------	17 daughters--	26	7,010	4.6	321
Born, 3-15-40; proved, 10-24-47;----; Pa.	13 daughters--	21	7,053	4.6	326
Sire, 130308; dam, 342487.	13 dams-------	38	7,962	5.0	395
Herd Owner, Edwin S. Hooker & J. T. Adams, Belleville.	Difference----	(1-2-0)	-909	-.4	-69
THORNTON'S REGENT 240635----------	7 daughters---	13	6,182	5.0	310
Born, 5-22-36; proved, 10-30-47;----; Md.	7 dams--------	34	7,654	4.7	356
Sire, 207778; dam, 216155.	Difference----	(1-5-0)	-1,472	+.3	-46
Herd Owner, J. Herbert Snyder, Union Bridge.					
VICTOR OF PROSPECT HILL 234538----------	13 daughters--	23	7,380	4.9	360
Born, 10-23-35; proved, 10-28-47;----; N. Y.	11 daughters--	15	7,343	4.7	348
Sire, 173069; dam, 259831.	11 dams-------	34	8,302	4.5	378
Herd Owner, Ernest Bradley, Silver Springs.	Difference----	(3-8-5)	-959	+.2	-30
VIZIER OF HEATH DALE FARM 233090----------	11 daughters--	32	7,160	4.6	327
Born, 10-21-35; proved, 10-28-47;----; Pa.	8 daughters---	23	6,995	4.4	310
Sire, 212507; dam, 363806.	8 dams--------	28	6,328	4.6	291
Herd Owner, Frank Henderson, Bolivar.	Difference----	(7-3-6)	+667	-.2	+19
WESTLAWN'S PET'S BELA CRESCENT 297363----------	9 daughters---	12	8,061	4.9	393
Born, 1-30-39; proved, 10-13-47;----; Ill.	7 daughters---	9	8,553	4.8	413
Sire, 257481; dam, 302125.	7 dams--------	16	8,695	4.8	422
Herd Owner, Robert L. Adair, Urbana.	Difference----	(3-5-3)	-142	.0	- [illegible]

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WILBEDOTTE CAROL 203459----------	11 daughters--	16	7,146	4.9	350
Born, 12-24-30; proved, 10-27-47;----; Ill.	6 daughters---	7	7,450	5.0	373
Sire, 164688; dam, 248262.	6 dams--------	8	7,642	4.5	341
Herd Owner, Dr. H. W. Grey, Roselle.	Difference----	(2-5-4)	-192	+.5	+32
WILLWOOD ACTOR'S ADMIRAL 218349----------	18 daughters--	29	8,138	5.0	407
Born, 3-30-33; proved, 10-20-47;----; Ind.	9 daughters---	12	7,703	5.0	389
Sire, 153105; dam, 342199.	9 dams--------	20	8,501	4.5	383
Herd Owner, A. A. Sheetz, Bremen.	Difference----	(2-9-6)	-798	+.5	+ 6
WOODBOURNE'S DUKE 235351----------	7 daughters---	14	5,944	4.7	282
Born, 0-8-35; proved, 10-22-47;----; Pa.	5 daughters---	8	5,964	4.8	283
Sire, 173811; dam, 368665.	5 dams--------	22	6,113	4.9	302
Herd Owner, Norris Farms, Dimock.	Difference----	(2-2-1)	-149	-.1	-19
13-B9352 (DHIA EARTAG)----------	12 daughters--	23	8,139	4.5	366
Born, ----; proved, 10-7-47;----; Vt.	10 daughters--	19	8,316	4.5	377
Sire, ----; dam, ----.	10 dams-------	30	7,487	4.5	340
Herd Owner, Rolland Hutchins, Shoreham.	Difference----	(7-6-6)	+829	.0	+37
13*108055 (BANGS OR TB EARTAG)----------	6 daughters---	6	6,567	4.8	313
Born, ----; proved, 10-23-47;----; Vt.	5 daughters---	5	6,867	4.8	330
Sire, ----; dam, ----.	5 dams--------	17	8,014	4.7	375
Herd Owner, Mrs. Mattie E. Parker, Grafton.	Difference----	(0-4-1)	-1,147	+.1	-45
13*391144 (BANGS OR TB EARTAG)----------	16 daughters--	23	6,502	4.5	293
Born, ----; proved, 10-10-47; dead; Vt.	13 daughters--	19	6,601	4.5	295
Sire, ----; dam, ----.	13 dams-------	46	7,517	4.0	299
Herd Owner, Walter Ladabouche, Proctor.	Difference----	(5-12-7)	-916	+.5	- 4
21-C1301 (DHIA EARTAG)----------	6 daughters---	7	8,245	4.5	372
Born, ----; proved, 10-23-47;----; N. Y.	6 dams--------	22	9,306	4.7	439
Sire, ----; dam, ----.	Difference----	(3-2-2)	-1,061	-.2	-67
Herd Owner, John H. Moore & Sons, Albion.					
21-H1531 (DHIA EARTAG)----------	5 daughters---	6	7,734	4.8	370
Born, ----; proved, 10-31-47;----; N. Y.	5 dams--------	14	8,423	5.0	425
Sire, ----; dam, ----.	Difference----	(1-1-1)	-689	-.2	-55
Herd Owner, Jackson & Saxton, Locke.					
23-C5837 (DHIA EARTAG)----------	5 daughters---	6	5,349	4.8	256
Born, ----; proved, 10-23-47;----; Pa.	5 dams--------	20	6,862	4.1	283
Sire, ----; dam, ----.	Difference----	(1-4-2)	-1,513	+.7	-27
Herd Owner, Alfred L. & Madaline S. Bunce, Centerville.					
52-A5247 (DHIA EARTAG)----------	7 daughters---	13	8,267	4.7	384
Born, ----; proved, 10-31-47;----; Va.	6 daughters---	11	8,177	4.7	381
Sire, ----; dam, ----.	6 dams--------	15	7,390	4.8	357
Herd Owner, Pleasant Valley Farms, Hamilton.	Difference----	(3-2-4)	+787	-.1	+24

HOLSTEIN SIRES

ALCARTRA KORNDYKE TWEEDE PONTIAC 613290----------	5 daughters---	26	11,460	3.2	370
Born, 2-12-30; proved, 10-27-47;----; Pa.	5 dams--------	26	10,939	3.3	364
Sire 506587; dam, 828258.	Difference----	(3-2-2)	+521	-.1	+ 6
Herd Owner, W. C. Gauger, Watsontown.					
ALTHRO ORMSBY NORMAN 781062----------	26 daughters--	35	11,504	3.5	404
Born, 7-30-39; proved, 10-21-47; dead; Maine.	17 daughters--	26	11,554	3.5	406
Sire, 617203; dam, 1521828.	17 dams-------	51	10,338	3.4	356
Owner, Androscoggin Valley A. B. A.	Difference----	(12-12-13)	+1,216	+.1	+50
AMES ADVANCE ADMIRAL 768253----------	9 daughters---	12	13,524	3.4	453
Born, 9-11-38; proved, 10-10-47;----; Iowa.	8 daughters---	11	13,734	3.3	453
Sire, 702498; dam, 1680121.	8 dams--------	31	13,005	3.4	445
Herd Owner, C. F. Brooker, Forest City.	Difference----	(5-4-5)	+729	-.1	+ 8
AMES ALVANCE SARGEANT 768252----------	14 daughters--	26	12,827	3.3	422
Born, 8-23-38; proved, 10-27-47;----; Iowa.	13 daughters--	23	12,852	3.3	420
Sire, 702498; dam, 1669919.	13 dams-------	44	12,676	3.4	437
Herd Owner, Iowa State College, Ames.	Difference----	(8-3-6)	+176	-.1	-17
BELLE CREST ADMIRAL BEECHWOOD 713099 *9----------	18 daughters--	28	10,130	3.5	359
Born, 3-17-35; proved, 10-8-47; dead; Pa.	13 daughters--	15	10,421	3.5	370
Sire, 671272; dam, 1663107.	13 dams-------	38	10,210	3.6	369
Herd Owner, Ernest B. Spencer & Son, Millerton.	Difference----	(6-6-6)	+ 211	-.1	+ 1
BELL FARM HOMESTEAD JOSEPH 730822----------	17 daughters--	25	10,620	3.3	346
Born, 6-21-36; proved, 10-14-47;----; W. Va.	13 daughters--	21	10,096	3.2	323
Sire, 671568; dam, 1590228.	13 dams-------	41	10,609	3.2	338
Herd Owner, Greenbrier Military School Dairy, Lewisburg.	Difference----	(6-8-5)	-513	.0	-15

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BILLY KONIGEN DE KOL 755330----------	10 daughters--	24	11,516	3.2	370
Born, 4-15-37; proved, 10-30-47;----; Kans.	6 daughters---	13	11,656	3.2	378
Sire, 717329; dam, 1210864.	6 dams--------	18	13,167	3.4	446
Herd Owner, William C. Mueller, Hanover.	Difference----	(0-2-1)	-1,511	-.2	-68
BLYTHEFIELD SUPREME TRIUNE 766842----------	8 daughters---	11	11,103	3.5	386
Born, 6-26-38; proved, 10-22-47;----; Kans.	7 daughters---	10	11,146	3.5	387
Sire, 579343; dam, 1500164.	7 dams--------	13	9,611	3.4	329
Herd Owner, Grover G. Meyer, Basehor.	Difference----	(5-5-5)	+1,535	+.1	+58
BORDER FOBES SIR VALE 788051----------	20 daughters--	27	10,226	3.6	372
Born, 9-17-39; proved, 10-10-47; dead; Ariz.	20 dams-------	57	10,465	3.4	359
Sire, 763787; dam, 1752455.	Difference----	(7-16-11)	-239	+.2	+13
Herd Owner, James M. Painter, Tempe.					
BUTTERCUP ORMSBY SEGIS PIEBE 753041----------	13 daughters--	26	10,802	3.6	387
Born, 3-31-37; proved, 10-21-47;----; Pa.	11 daughters--	22	11,059	3.5	392
Sire, 703175; dam, 1725564.	11 dams-------	31	10,659	3.6	384
Herd Owner, J. Norton Kruger, Carlisle.	Difference----	(6-5-4)	+400	-.1	+ 8
CAERNAVON AMBASSADOR 770473----------	8 daughters---	8	10,200	3.4	347
Born, 4-1-38; proved, 10-31-47;----; Pa.	6 daughters---	6	9,734	3.3	324
Sire, 617478; dam, 1630497.	6 dams--------	6	9,066	3.3	299
Herd Owner, Henry Siedhof, New Holland.	Difference----	(4-4-5)	+668	.0	+25
CALDARY ORMSBY OLLIE 730468----------	8 daughters---	21	15,828	3.5	547
Born, 1-23-36; proved, 10-28-47;----; Calif.	8 dams--------	24	14,189	3.4	484
Sire, 480001; dam, 1457465.	Difference----	(5-5-5)	+1,639	+.1	+63
Herd Owner, Arden Farms, Tipton.					
CALIFORNIA ORMSBY OMER 722265----------	10 daughters--	19	10,193	3.5	356
Born, 7-13-35; proved, 10-29-47;----; Calif.	8 daughters---	13	10,369	3.5	360
Sire, 518683; dam, 1535280.	8 dams--------	29	9,946	3.4	338
Herd Owner, F. C. Paxton, Le Grand.	Difference----	(5-6-5)	+423	+.1	+22
CAPTAIN HENGERVELD OF PURDUE 729464----------	14 daughters--	23	11,198	3.6	404
Born, 7-19-36; proved, 10-10-47;----; Ind.	7 daughters---	9	10,821	3.6	388
Sire, 687034; dam, 1306309.	7 dams--------	13	11,347	3.7	418
Herd Owner, Evansville State Hospital, Evansville.	Difference----	(3-3-3)	-526	-.1	-30
CARNATION BENEFACTOR 781859----------	7 daughters---	14	13,044	3.6	466
Born, 3-21-39; proved, 10-22-47;----; Tex.	7 dams--------	12	9,134	3.2	292
Sire, 678142; dam, 1909673.	Difference----	(7-5-7)	+3,910	+.4	+174
Herd Owner, Neale Farm, Waco.					
CARNATION MISTLAND ORMSBY 39TH 714053----------	12 daughters--	39	9,179	3.5	320
Born, 1-16-35; proved, 10-8-47; dead; N. Y.	10 daughters--	32	8,819	3.5	305
Sire, 614757; dam, 1215549.	10 dams-------	26	11,013	3.4	379
Herd Owner, J. Edward Perry, Cortland.	Difference----	(1-6-3)	-2,194	+.1	-74
CARNATION PEERLESS INKA HOMESTEAD 705182----------	10 daughters--	16	9,021	3.4	304
Born, 1-12-35; proved, 10-28-47;----; Vt.	6 daughters---	9	9,881	3.4	340
Sire, 629480; dam, 1524729.	6 dams--------	12	8,965	3.4	301
Herd Owner, J. Leo Edson, Plainfield.	Difference----	(2-4-4)	+916	.0	+39
CARNATION PENN HALL GOVERNOR 740307----------	11 daughters--	20	12,118	3.7	450
Born, 10-25-36; proved, 10-30-47;----; Pa.	8 daughters---	16	12,283	3.7	459
Sire, 629472; dam, 1639637.	8 dams--------	24	16,354	3.7	602
Herd Owner, Penn Hall Farm, Chambersburg.	Difference----	(1-5-1)	-4,071	.0	-143
CAVANAUGH MORAG CORNFLOWER 815932----------	10 daughters--	10	14,491	3.4	488
Born, 10-13-40; proved, 10-27-47;----; Ohio.	8 daughters---	8	14,482	3.4	491
Sire, 793765; dam, 2016577.	8 dams--------	14	12,840	3.3	429
Herd Owner, Perry M. Brandt, Oberlin.	Difference----	(6-6-5)	+1,642	+.1	+62
CHERRY LODGE CLARKE ORMSBY 651510----------	11 daughters--	34	9,398	3.4	315
Born, 10-10-30; proved, 10-27-47;----; N. Y.	5 daughters---	16	9,620	3.4	329
Sire, 513829; dam, 837493.	5 dams--------	14	9,982	3.3	330
Herd Owner, Graham Brothers, Swan Lake.	Difference----	(3-5-3)	-362	+.1	- 1
CHIPCO GENERAL 714021----------	8 daughters---	11	12,173	3.9	471
Born, 4-8-35; proved, 10-9-47;----; Wis.	8 dams--------	26	12,541	3.6	453
Sire, 658302; dam, 1265482.	Difference----	(3-7-6)	-368	+.3	+18
Herd Owner, Chippewa County Asylum, Chippewa Falls.					
CLEM-WALS BOAST SUPREME 814373----------	16 daughters--	22	10,050	3.8	378
Born, 6-19-40; proved, 10-9-47,----; Pa.	16 dams-------	25	10,376	3.7	388
Sire, 696115; dam, 1924151.	Difference----	(8-9-8)	-326	+.1	-10
Herd Owner, Ernest B. Spencer & Son, Millerton.					
CLOVE VALLEY DUCHESS LARRY 772531----------	20 daughters--	30	10,490	3.6	375
Born, 3-28-38; proved, 10-13-47;dead ; N. Y.	7 daughters---	12	10,545	3.6	376
Sire, 638048; dam, 1671931.	7 dams--------	24	11,347	3.6	404
Owner, Sullivan County A. B. A.	Difference----	(1-4-2)	-802	.0	-28

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
COFFEYDALE PONTIAC FOBES 8TH 803758	6 daughters	8	11,923	3.7	443
Born, 10-28-39; proved, 10-10-47; ----; Mich.	6 dams	9	12,948	3.6	468
Sire, 732269; dam, 1704048.	Difference	(2-5-2)	-1,025	+.1	-25
Herd Owner, Harold Schroeder, Bridgeport.					
COFFEYDALE SIR PAUL FOBES 828527	7 daughters	7	12,938	3.4	439
Born, 9-18-40; proved, 10-24-47; ----; Mich.	5 daughters	5	13,141	3.4	443
Sire, 769915; dam, 2025645.	5 dams	16	14,445	3.4	491
Herd Owner, Crouse Farm, Hartland.	Difference	(1-2-1)	-1,304	.0	-48
COLONY VALE POSCH ROMEO 753077	10 daughters	29	12,491	3.6	455
Born, 11-13-35; proved, 10-21-47; ----; Utah.	7 daughters	18	12,542	3.6	453
Sire, 70275 CHB.; dam, 251615 CHB.	7 dams	28	12,172	3.4	415
Herd Owner, Bartley Richardson, Smithfield.	Difference	(5-5-6)	+370	+.2	+38
COUNCIL ROCK MATADOR MOSELLE 794922	15 daughters	21	10,585	3.4	365
Born, 2-17-39; proved, 10-30-47; ----; N. Y.	7 daughters	12	11,054	3.4	376
Sire, 752496; dam, 1279499.	7 dams	11	10,320	3.3	337
Herd Owner, Lyndon Jones, Erieville.	Difference	(4-4-5)	+734	+.1	+39
CRACKLEY COLANTHA ORMSBY 760289	10 daughters	22	8,990	3.7	337
Born, 6-17-37; proved, 10-10-47; dead; Maine.	6 daughters	15	9,641	3.8	364
Sire, 667052; dam, 1615708.	6 dams	14	11,655	3.7	432
Herd Owner, E. L. Young, Gorham.	Difference	(1-5-1)	-2,014	+.1	-68
CRESTLYN HEILO ORMSBY LAD 752198	6 daughters	9	9,100	3.7	334
Born, 1-14-38; proved, 10-23-47; ----; Mich.	6 dams	12	10,521	3.5	368
Sire, 649401; dam, 1584727.	Difference	(2-5-2)	-1,421	+.2	-34
Herd Owner, Mrs. William Kreiner & Sons, Brown City.					
CURLES ELLENVALE CARLOTTA ORMSBY 763536	16 daughters	21	9,158	3.4	313
Born, 6-14-38; proved, 10-23-47; ----; Va.	13 daughters	17	9,122	3.4	312
Sire, 699442; dam, 1194965.	13 dams	55	8,742	3.5	310
Herd Owner, F. O. Dorey, Richmond.	Difference	(9-3-10)	+380	-.1	+ 2
DAUNTLESS DIRECT PIEBE 763900	7 daughters	7	10,406	3.7	382
Born, 10-1-38; proved, 10-21-47; ----; N. H.	5 daughters	5	10,815	3.7	398
Sire, 668530; dam, 1843599.	5 dams	26	12,558	3.5	438
Herd Owner, Kearsarge Stock Farm, Warner.	Difference	(1-4-1)	-1,743	+.2	-40
DEAN HOMESTEAD NORA ORMSBY 678503	8 daughters	19	10,054	3.4	341
Born, 7-11-33; proved, 10-28-47; ----; Kans.	6 daughters	14	10,183	3.4	344
Sire, 655048; dam, 1373397.	6 dams	23	10,997	3.4	372
Herd Owner, Martin Blanke, Breman.	Difference	(3-3-2)	-814	.0	-28
DE KOL PONTIAC CLOTHILDE ORMSBY 789988	13 daughters	26	11,433	3.8	429
Born, 6-10-38; proved, 10-30-47; ----; Mich.	10 daughters	21	10,974	3.7	406
Sire, 609776; dam, 1277836.	10 dams	44	11,341	3.7	423
Herd Owner, Thurlow Farrell, Williamston.	Difference	(4-6-4)	-367	.0	-17
DENHOLM GOVERNOR ORMSBY 807483	6 daughters	9	14,223	3.9	549
Born, 7-13-40; proved, 10-10-47; dead; Ohio.	6 dams	31	11,990	3.8	455
Sire, 788378; dam, 2105003.	Difference	(4-3-4)	+2,233	+.1	+94
Herd Owner, Denham Brothers, La Grange.					
DIX MAN-O-WAR JEWEL 737035	8 daughters	8	11,853	3.1	369
Born, 10-28-36; proved, 10-9-47; ----; Wis.	7 daughters	7	11,622	3.1	365
Sire, 654603; dam, 1460222.	7 dams	11	9,652	3.3	319
Herd Owner, Henry H. Graul, Eastman.	Difference	(6-3-5)	+1,970	-.2	+46
ELM LAST OF ABBE 770372	12 daughters	14	9,511	3.7	351
Born, 7-15-36; proved, 10-6-47; ----; N. H.	10 daughters	12	9,766	3.7	357
Sire, 757566; dam, 252019 CHB.	10 dams	32	9,032	3.3	297
Herd Owner, Coos County Farm, West Stewartstown.	Difference	(8-9-9)	+734	+.4	+60
ELMWOOD MARATHON SENSATION 746793	10 daughters	25	7,865	3.6	280
Born, 11-4-36; proved, 10-24-47; ----; Vt.	6 daughters	15	8,152	3.6	290
Sire, 658975; dam, 1464717.	6 dams	10	9,047	3.4	308
Herd Owner, L. B. Hall, Orwell.	Difference	(1-4-1)	-895	+.2	-18
ESTRALLA TUEBIE GARDEN KORNDYKE 723806	6 daughters	12	12,339	3.3	403
Born, 6-20-35; proved, 10-28-47; ----; Calif.	6 dams	22	10,734	3.3	350
Sire, 607390; dam, 1140175.	Difference	(4-3-4)	+1,605	.0	+53
Herd Owner, Blanche B. Goins, Tulare.					
FEMCO KORNDYKE ROYAL INKA 796016	9 daughters	14	11,705	3.8	442
Born, 4-22-40; proved, 10-21-47; ----; Minn.	9 dams	26	9,300	3.9	366
Sire, 697000; dam, 1927393.	Difference	(7-3-7)	+2,405	-.1	+76
Herd Owner, B. J. Huseby & Sons, Adams.					
FEMCO SANESTA PIEBE 658059	27 daughters	32	9,865	3.4	331
Born, 1-28-32; proved, 10-20-47; dead; N. Dak.	5 daughters	6	9,260	3.3	308
Sire, 471070; dam, 988967.	5 dams	5	10,920	3.6	395
Herd Owner, State Hospital for Insane, Jamestown.	Difference	(2-2-1)	-1,660	-.3	-87

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
FEMCO SIR KORNDYKE ROYAL 740053----------	6 daughters---	6	11,216	3.3	373
Born, 4-1-37; proved, 10-20-47;----; Minn.	5 daughters---	5	11,800	3.3	389
Sire, 697000; dam, 1432481.	5 dams--------	12	9,576	3.5	332
Herd Owner, George Daley, Lewiston.	Difference----	(5-1-5)	+2,224	-.2	+57
FEMCO SIR KORNDYKE SEGIS 681122 *5----------	54 daughters--	167	11,026	3.6	402
Born, 10-5-33; proved, 10-27-47; dead; Minn.	34 daughters--	95	10,859	3.6	395
Sire, 600927; dam, 771375.	34 dams-------	85	11,056	3.6	396
Herd Owner, Minnesota State Reformatory, St. Cloud.	Difference----	(15-24-17)	-197	.0	- 1
FEMCO SIR LETTIE ROYAL 798867----------	5 daughters---	7	10,123	3.2	325
Born, 1-3-40; proved, 10-22-47; dead; Minn.	5 dams--------	20	12,083	3.3	396
Sire, 697000; dam, 1558920.	Difference----	(1-2-1)	-1,960	-.1	-71
Herd Owner, Ralph & John Wayne, Ellendale.					
FEMCO SIR TRIUNE PRIDE 725193----------	11 daughters--	21	10,458	3.6	375
Born, 5-31-36; proved, 10-24-47;----; Wis.	9 daughters---	14	10,526	3.6	377
Sire, 643668; dam, 1248821.	9 dams--------	28	11,411	3.5	395
Herd Owner, Lincoln Co. Home, Merrill.	Difference----	(3-5-3)	-885	+.1	-18
FOBES ORMSBY BEETS PIEBE 833176----------	5 daughters---	15	10,359	3.5	363
Born, 11-24-39; proved, 10-28-47;----; Pa.	5 dams--------	14	11,374	3.3	379
Sire, 770804; dam, 1479503.	Difference----	(2-4-2)	-1,015	+.2	-16
Herd Owner, Howard J. Slothower, Mechanicsburg.					
FRANKLIN KING DOEDE RODMER ORMSBY 555464----------	17 daughters--	36	11,444	3.7	421
Born, 9-25-27; proved, 10-22-47; dead; N. J.	11 daughters--	27	10,937	3.7	401
Sire, 480257; dam, 910208.	11 dams-------	27	11,317	3.4	383
Herd Owner, G. S. Katzenstein, Andover.	Difference----	(3-11-7)	-380	+.3	+18
GREAT BESSIE KING 772932----------	12 daughters--	22	9,583	4.0	379
Born, 4-18-38; proved, 10-10-47;----; N. J.	11 daughters--	21	9,504	4.0	377
Sire, 711323; dam, 1575807.	11 dams-------	37	11,346	3.5	403
Owner, Burlington Co. A. B. A.	Difference----	(2-8-4)	-1,842	+.5	-26
GREAT HOME ADMIRAL BEECHWOOD LASS 735503----------	9 daughters---	11	10,083	3.3	333
Born, 8-7-35; proved, 10-14-47;----; Ill.	7 daughters---	8	10,467	3.2	340
Sire, 662583; dam, 1651154.	7 dams--------	17	10,258	3.3	339
Herd Owner, E. J. Hennebry, Monee.	Difference----	(3-5-3)	+209	-.1	+ 1
GREEN HILL MAJOR ABBEKERK 769970----------	6 daughters---	10	12,193	3.3	405
Born, 1-11-39; proved, 10-9-47;----; Pa.	5 daughters---	9	11,294	3.3	373
Sire, 742231; dam, 1671089.	5 dams--------	13	11,644	3.3	380
Herd Owner, Montgomery County Home, Royersford.	Difference----	(2-4-2)	-350	.0	- 7
GREENWALD ECHO COLANTHA GEORGE 736276----------	10 daughters--	10	9,350	3.1	294
Born, 12-22-36; proved, 10-14-47;----; Pa.	9 daughters---	9	9,523	3.2	301
Sire, 661290; dam, 958505.	9 dams--------	45	11,851	3.2	380
Herd Owner, G. L. Carlson, Turtle Point.	Difference----	(1-3-1)	-2,328	.0	-79
GREENWOOD DISCEMINATOR 772378----------	21 daughters--	34	9,767	3.5	338
Born, 7-28-38; proved, 10-10-47;----; N. J.	20 daughters--	31	9,813	3.4	338
Sire, 618582; dam, 1789194.	20 dams-------	54	11,156	3.4	380
Herd Owner, New Jersey State Hospital, Trenton.	Difference----	(5-11-6)	-1,343	.0	-42
HARTOG OLLIE HOMESTEAD 768174----------	8 daughters---	11	11,460	3.8	434
Born, 1-21-38; proved, 10-7-47; dead; Minn.	5 daughters---	7	11,191	3.7	410
Sire, 696997; dam, 1504997.	5 dams--------	12	12,240	3.8	467
Herd Owner, John J. Zweber, Elko.	Difference----	(1-2-1)	-1,049	-.1	-57
HARVDALE MARSHALL LAD CRUSADER 735288----------	29 daughters--	56	9,785	3.4	337
Born, 8-17-36; proved, 10-21-47;----; Wis.	26 daughters--	52	9,760	3.4	335
Sire, 701961; dam, 1688566.	26 dams-------	60	10,235	3.5	357
Herd Owner, S. B. Jones & Sons Co., Watertown.	Difference----	(8-16-8)	-475	-.1	-22
HARVDALE MARSHALL SENSATION 735286----------	14 daughters--	20	11,463	3.5	401
Born, 2-24-36; proved, 10-7-47;----; Wis.	11 daughters--	16	11,989	3.5	417
Sire, 691903; dam, 1760905.	11 dams-------	18	10,207	3.6	369
Herd Owner, Peebles Brothers, Oconomowoc.	Difference----	(9-5-8)	+1,782	-.1	+48
HERSHEY AVON LONGFIELD (TWIN) 740224----------	27 daughters--	42	10,243	3.3	342
Born, 2-9-34; proved, 10-14-47;----; Pa.	16 daughters--	27	10,284	3.3	339
Sire, 575204; dam, 762509.	16 dams-------	59	11,015	3.4	374
Herd Owner, Hershey Industrial School, Hershey.	Difference----	(6-6-6)	-731	-.1	-35
HOLWYN KING SEGIS MATADOR 696558----------	10 daughters--	44	12,253	3.2	397
Born, 9-11-33; proved, 10-20-47; dead; Ohio.	7 daughters---	28	12,123	3.3	400
Sire, 651572; dam, 1314686.	7 dams--------	24	12,153	3.1	382
Herd Owner, Main & Main, Ostrander.	Difference----	(2-6-2)	- 30	+.2	+18
HURLWOOD SIR VEEMAN 768659----------	11 daughters--	18	11,082	3.5	392
Born, 7-2-38; proved, 10-23-47;----; N. J.	8 daughters---	15	10,360	3.4	349
Sire, 691380; dam, 1995411.	8 dams--------	28	11,268	3.4	387
Herd Owner, State Home for Boys, Jamesburg.	Difference----	(2-3-3)	-908	.0	-38

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ILLINI HOMESTEAD CANARY 719295	8 daughters	12	13,113	3.4	449
Born, 12-31-35; proved, 10-15-47; dead; Ill.	6 daughters	10	12,557	3.5	433
Sire, 666506; dam, 1465078.	6 dams	29	12,073	3.5	422
Herd Owner, Oliver Spitze, Edwardsville.	Difference	(3-2-3)	+484	.0	+11
IMPERIAL RUDY KAREN ORMSBY 7TH 627052	13 daughters	30	10,192	3.7	374
Born, 12-14-29; proved, 10-28-47;----; Minn.	5 daughters	9	11,499	3.5	399
Sire, 283584; dam, 1281895.	5 dams	13	8,671	3.5	301
Herd Owner, Chester H. Bennett & Sons, Lowry.	Difference	(4-3-4)	+2,828	.0	+98
IODAK SIR PRIDE BURKE 759954	15 daughters	21	10,598	3.6	377
Born, 6-23-38; proved, 10-21-47;----; Wis.	13 daughters	19	10,731	3.5	377
Sire, 696994; dam, 1675071.	13 dams	42	11,285	3.4	386
Owner, Rock & Green Co. Co-op. A. B. A.	Difference	(3-11-3)	-554	+.1	- 9
IOWANA ORMSBY BURKE PRINCE 769948	9 daughters	10	12,461	3.8	469
Born, 7-16-38; proved, 10-30-47;----; Iowa.	7 daughters	8	12,424	3.7	463
Sire, 559527; dam, 1888637.	7 dams	22	13,038	3.3	435
Herd Owner, Iowana Holstein Farm, Bettendorf.	Difference	(3-7-4)	-614	+.4	+28
IOWANA ORMSBY FRYSLAN OLLIE 741863	6 daughters	13	12,958	3.6	464
Born, 1-1-37; proved, 10-23-47;----; Iowa.	5 daughters	10	12,665	3.6	454
Sire, 514357; dam, 757828.	5 dams	24	11,198	3.5	395
Herd Owner, Jack Dethmers, Garner.	Difference	(4-3-4)	+1,467	+.1	+59
JIM TOITILLA ORMSBY 779625	9 daughters	9	9,504	3.3	317
Born, 8-16-38; proved, 10-21-47; dead; N. Y.	9 dams	46	11,805	3.2	376
Sire, 744134; dam, 1743140.	Difference	(1-8-1)	-2,301	+.1	-59
Herd Owner, Butzer Brothers, Collins.					
KING ANDY ORMSBY 727454	30 daughters	53	13,361	3.5	470
Born, 3-9-36; proved, 10-6-47;----; Pa.	20 daughters	34	13,480	3.5	476
Sire, 684677; dam, 1702574.	20 dams	65	12,011	3.5	425
Herd Owner, Rosell H. Leete & Son, Coudersport.	Difference	(15-12-15)	+1,469	.0	+51
KING BESSIE GYPSIE 2D 728917	18 daughters	23	13,585	3.6	487
Born, 6-25-36; proved, 10-9-47;----; Ill.	12 daughters	16	13,743	3.6	491
Sire, 708723; dam, 1756679.	12 dams	46	12,417	3.6	442
Herd Owner, Grover Thomas, Mount Morris.	Difference	(9-7-10)	+1,326	.0	+49
KING BESSIE MAN-O-WAR NONPAREIL 687029	20 daughters	32	11,885	3.4	407
Born, 11-29-32; proved, 10-24-47;----; Mich.	15 daughters	25	12,887	3.5	445
Sire, 570499; dam, 1087285.	15 dams	52	14,335	3.4	484
Herd Owner, Larro Research Farm, Redford.	Difference	(4-9-5)	-1,448	+.1	-39
KING BESSIE NELLIE ORMSBY 743258	8 daughters	19	9,546	3.3	319
Born, 6-6-37; proved, 10-9-47;----; Wis.	5 daughters	11	8,812	3.2	282
Sire, 702362; dam, 1599078.	5 dams	12	10,165	3.3	335
Herd Owner, Mount Pleasant Farm, Sturtevant.	Difference	(2-2-2)	-1,353	-.1	-53
KING BESSIE SADIE 714433	7 daughters	22	10,398	3.6	371
Born, 8-17-35; proved, 10-22-47;----; Ill.	6 daughters	18	10,396	3.6	373
Sire, 669550; dam, 1405601.	6 dams	17	11,361	3.4	390
Herd Owner, Bastian Brothers, Hinckley.	Difference	(2-6-2)	-965	+.2	-17
KING CREAMELLE DESIGN 802981	7 daughters	10	9,947	3.6	358
Born, 12-5-38; proved, 10-9-47;----; Minn.	5 daughters	8	10,230	3.5	361
Sire, 743544; dam, 1038143.	5 dams	19	11,234	3.6	402
Herd Owner, L. A. Seath, Albert Lea.	Difference	(1-3-1)	-1,004	-.1	-41
KING DE KOL HARK COLANTHA 679016	18 daughters	41	11,272	3.5	389
Born, 9-20-32; proved, 10-28-47;----; Minn.	7 daughters	18	10,801	3.4	365
Sire, 570501; dam, 1503775.	7 dams	8	10,527	3.9	411
Herd Owner, Roy F. Crowley & Carl Tetzloff, Truman.	Difference	(5-1-3)	+274	-.5	-46
KING INKA SUNLIGHT 748810	8 daughters	8	11,889	3.2	378
Born, 12-21-36; proved, 10-22-47;----; Mich.	5 daughters	5	12,439	3.3	411
Sire, 610972; dam, 1462390.	5 dams	7	10,680	3.5	369
Herd Owner, Lester Helmboldt, Holly.	Difference	(5-1-5)	+1,759	-.2	+42
KING JANNEK SPOFFORD OLLIE 794315	18 daughters	22	11,461	3.5	397
Born, 2-1-39; proved, 10-10-47;----; Pa.	15 daughters	18	11,258	3.5	393
Sire, 671582; dam, 1551254.	15 dams	49	12,162	3.6	436
Herd Owner, Polk State School, Polk.	Difference	(4-6-4)	-904	-.1	-43
KING ORMSBY JULIA INKA 736083	25 daughters	40	12,009	3.5	422
Born, 8-16-36; proved, 10-14-47;----; Ill.	22 daughters	35	12,212	3.5	429
Sire, 670640; dam, 1562915.	22 dams	53	12,781	3.4	435
Herd Owner, Getzendaner Farm, Mount Morris.	Difference	(9-17-10)	-569	+.1	- 6
KING PIEBE OF YORK ECHO BOY 736158	9 daughters	44	11,391	3.6	414
Born, 9-1-36; proved, 10-7-47;----; Pa.	9 dams	41	9,458	3.5	332
Sire, 588413; dam, 1763989.	Difference	(6-6-8)	+1,933	+.1	+82
Herd Owner, J. H. Seanor, New Alexandria.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KING PRILLY INKA DE KOL 777755	7 daughters	13	9,902	3.9	383
Born, 2-14-39; proved, 10-22-47; ----; N. J.	6 daughters	11	9,932	3.9	385
Sire, 679027; dam, 1671094.	6 dams	23	10,740	3.6	383
Herd Owner, Walton B. Kostenbader, Blairstown.	Difference	(3-6-3)	-808	+.3	+ 2
KINGSFORD ADMIRATION LUNA 619317	10 daughters	20	8,638	3.4	292
Born, 11-16-29; proved, 10-22-47; ----; N. Y.	6 daughters	14	8,872	3.4	302
Sire, 521277; dam, 1070641.	6 dams	16	10,577	3.4	362
Herd Owner, Ivan Smith, Taylor.	Difference	(1-3-0)	-1,705	.0	-60
KRIEBELS ORMSBY SENSATION 715922 *10	21 daughters	26	10,888	3.9	422
Born, 5-18-35; proved, 10-8-47; ----; Pa.	19 daughters	23	11,220	3.9	433
Sire, 429971; dam, 1102027.	19 dams	81	11,710	3.6	424
Herd Owner, Ernest B. Spencer & Son, Millerton.	Difference	(7-15-10)	-490	+.3	+ 9
LADDIE HOMESTEAD FOBES 806299	8 daughters	12	13,206	3.8	503
Born, 1-22-40; proved, 10-9-47; ----; Wis.	8 dams	28	11,419	3.8	436
Sire, 765496; dam, 1877816.	Difference	(6-6-7)	+1,787	.0	+67
Herd Owner, Walter L. Marcoe, Vandyne.					
LAKEFIELD PEERLESS LAD 732740	6 daughters	12	14,046	3.4	472
Born, 2-19-36; proved, 10-24-47; ----; Mich.	6 dams	30	11,399	3.7	424
Sire, 693382; dam, 1761712.	Difference	(5-1-5)	+2,647	-.3	+48
Herd Owner, Albert Wardin, Hemlock.					
LAKEFIELD PIEBE CREATOR 721282	9 daughters	16	9,493	3.4	324
Born, 9-22-35; proved, 10-6-47; ----; Mich.	7 daughters	12	9,041	3.3	302
Sire, 471070; dam, 1195057.	7 dams	25	12,670	3.5	447
Herd Owner, C. H. Chase & Kanitz Brothers, Alma.	Difference	(2-2-2)	-3,629	-.2	-145
LAUXMONT SAFEMASTER SENATOR 834606	7 daughters	7	14,813	3.8	556
Born, 10-2-41; proved, 10-7-47; alive; Md.	6 daughters	6	15,376	3.7	575
Sire, 751642; dam, 1865495.	6 dams	22	9,781	3.7	358
Herd Owner, Maurice S. Ahalt, Middletown.	Difference	(6-4-6)	+5,595	.0	+217
LEAFY LAWN RAG APPLE EMPEROR 736737	25 daughters	51	10,301	3.6	376
Born, 10-18-36; proved, 10-7-47; dead; N. Y.	13 daughters	26	10,272	3.7	376
Sire, 695644; dam, 1750235.	13 dams	31	11,075	3.4	371
Herd Owner, Luther Bartlett, Norwood.	Difference	(2-12-6)	-803	+.3	+ 5
LOGAN SIR INKA MAY PIEBE 778898	5 daughters	13	8,700	3.6	316
Born, 11-9-38; proved, 10-21-47; ----; Wis.	5 dams	24	9,997	3.8	385
Sire, 749571; dam, 1929019.	Difference	(2-2-1)	-1,297	-.2	-69
Herd Owner, Franz J. Schamens, Sparta.					
MAN-O-WAR 69TH 639850	14 daughters	25	10,411	3.6	371
Born, 4-9-30; proved, 10-31-47; alive; Mo.	8 daughters	18	9,355	3.6	341
Sire, 434047; dam, 1194448.	8 dams	41	11,700	3.4	400
Herd Owner, J. E. Crosby, Jr., Columbia.	Difference	(1-8-1)	-2,345	+.2	-59
MAN-O-WAR HEILO BOY 814241	9 daughters	13	12,019	3.5	420
Born, 10-27-40; proved, 10-13-47; alive; Minn.	9 dams	25	11,101	3.5	387
Sire, 739097; dam, 1735717.	Difference	(7-5-7)	+918	.0	+33
Herd Owner, Dressel Brothers, Maple Plain.					
MAN-O-WAR LASSIE POSCH 3D (TWIN) 775783	20 daughters	26	12,281	3.5	424
Born, 1-8-38; proved, 10-10-47; ----; Wis.	19 daughters	25	12,516	3.5	434
Sire, 734017; dam, 1113005.	19 dams	51	11,932	3.8	457
Herd Owner, Harry Brewer, Richland Center.	Difference	(10-4-7)	+584	-.3	-23
MAN-O-WAR PREMIER 21ST 765702	15 daughters	28	11,654	3.5	404
Born, 2-25-38; proved, 10-23-47; ----; Md.	9 daughters	18	11,294	3.5	400
Sire, 695635; dam, 1661702.	9 dams	29	11,497	3.5	403
Herd Owner, Walter P. Johnson, Germantown.	Difference	(5-5-5)	-203	.0	- 3
MARATHON BESS BURKE COLANTHA SEGIS 530039	13 daughters	36	11,134	3.7	410
Born, 1-27-27; proved, 10-13-47; dead; Kans.	5 daughters	21	11,998	3.8	454
Sire, 346086; dam, 1049796.	5 dams	17	10,382	3.8	391
Herd Owner, Emil Menold, Sabetha.	Difference	(3-4-3)	+1,616	.0	+63
MARIBERT COUNT ORMSBY MERSELIA 843886	5 daughters	8	12,081	3.6	430
Born, 4-17-40; proved, 10-30-47; ----; Wis.	5 dams	20	12,114	3.5	428
Sire, 749489; dam, 1606546.	Difference	(2-3-3)	- 33	+.1	+ 2
Herd Owner, Anker Farm, Rice Lake.					
MARYDEAN KING ORMSBY AAGGIE 729862	23 daughters	38	9,855	3.4	332
Born, 7-2-36; proved, 10-20-47; ----; Ohio.	22 daughters	36	9,828	3.4	332
Sire, 688252; dam, 1522993.	22 dams	59	11,341	3.1	353
Herd Owner, Isaly Dairy Co., North Jackson.	Difference	(8-20-9)	-1,513	+.3	-21
MATADOR INKA SEGIS ORMSBY 695092	10 daughters	27	9,847	3.5	343
Born, 10-31-33; proved, 10-24-47; ----; Iowa.	5 daughters	11	10,318	3.5	356
Sire, 641227; dam, 1362580.	5 dams	11	9,146	3.3	306
Herd Owner, Hanson & Arthur, Oelwein.	Difference	(4-4-4)	+1,172	+.2	+50

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAYVIEW JOANNA KING BESSIE 760568----------	22 daughters--	37	11,371	3.5	401
Born, 10-21-37; proved, 10-30-47;----; Pa.	19 daughters--	30	11,402	3.5	400
Sire, 717602; dam, 1462482.	19 dams-------	60	10,673	3.3	355
Herd Owner, Mayview State Hospital, Mayview.	Difference----	(11-14-13)	+729	+.2	+45
MEIERKORD SIR TRIUNE FANCY 789861----------	15 daughters--	21	10,768	3.4	362
Born, 1-1-39; proved, 10-21-47; dead; Kans.	12 daughters--	16	11,149	3.4	381
Sire, 600230; dam, 1738732.	12 dams-------	30	11,703	3.4	399
Herd Owner, Robert A. Bergsten, Green.	Difference----	(5-8-6)	-554	.0	-18
MINNEHAHA DORRIT SIR JOHAN 775605----------	7 daughters---	12	11,712	3.3	387
Born, 12-16-38; proved, 10-13-47; dead; Minn.	7 dams--------	27	10,610	3.4	358
Sire, 689040; dam, 1758417.	Difference----	(6-4-6)	+1,102	-.1	+29
Herd Owner, St. Peter State Hospital, St. Peter.					
M M LUDWIG GEWINA 759355----------	6 daughters---	7	11,526	3.6	418
Born, 7-28-37; proved, 10-9-47;----; Wis.	6 dams--------	22	12,178	3.4	410
Sire, 713951; dam, 1255462.	Difference----	(1-5-3)	-652	+.2	+ 8
Herd Owner, William McRoberts, Waupun.					
MODELYNE ROYAL PANSY 6TH 677448----------	11 daughters--	21	12,221	3.5	426
Born, 8-7-33; proved, 10-28-47;----; Pa.	8 daughters---	18	12,703	3.4	434
Sire, 652385; dam, 1177343.	8 dams--------	20	12,321	3.4	415
Herd Owner, J. Clarence Garber, Lancaster.	Difference----	(5-6-5)	+382	.0	+19
MONTVIC RAG APPLE LEA 735283----------	14 daughters--	24	11,426	3.6	409
Born, 5-2-34; proved, 10-31-47;----; Md.	7 daughters---	10	12,587	3.6	456
Sire, 346005; dam, 200457 CHB.	7 dams--------	16	10,325	3.8	389
Herd Owner, D. A. Benson, Jr., Keedysville.	Difference----	(6-3-6)	+2,262	-.2	+67
MOUNT RIGA GRAND MASTER 738467----------	19 daughters--	28	12,436	3.5	441
Born, 7-2-36; proved, 10-31-47;----; Kans.	16 daughters--	22	12,790	3.6	455
Sire, 612645; dam, 1417187.	16 dams-------	86	12,439	3.4	424
Herd Owner, State Training School, Winfield.	Difference----	(9-14-11)	+351	+.2	+31
NEGAHNING ORMSBY FAYNE ALCARTRA 725857----------	7 daughters---	12	8,677	3.6	311
Born, 8-16-35; proved, 10-14-47;----; Ohio.	5 daughters---	7	8,876	3.3	295
Sire, 715354; dam, 1592641.	5 dams--------	12	9,411	3.4	324
Herd Owner, J. S. Dixon, Orwell.	Difference----	(2-3-2)	-535	-.1	-29
NEWMONT MAN-O-WAR ORMSBY JULTRIX 741031----------	14 daughters--	19	11,908	3.5	422
Born, 9-29-36; proved, 10-10-47; dead; Conn.	7 daughters---	11	13,452	3.6	482
Sire, 709269; dam, 1726306.	7 dams--------	25	12,711	3.6	459
Herd Owner, Malnati Brothers, Ashley Falls, Mass.	Difference----	(5-3-5)	+741	.0	+23
NITTANYVALE WINTERTHUR KORNDYKE 701152----------	11 daughters--	21	11,679	3.5	406
Born, 12-17-33; proved, 10-8-47;----; Pa.	10 daughters--	19	11,579	3.5	404
Sire, 614239; dam, 1066018.	10 dams-------	28	9,874	3.5	350
Herd Owner, Mill Brook Farm, Mill Hall.	Difference----	(8-7-8)	+1,705	.0	+54
N J E S CHIEF ORMSBY IDEAL FRIEND 724277----------	16 daughters--	32	12,657	3.5	442
Born, 4-19-36; proved, 10-16-47; dead; N. J.	11 daughters--	24	11,960	3.5	417
Sire, 675841; dam, 1579448.	11 dams-------	32	11,671	3.4	403
Owner, Burlington A. B. A.	Difference----	(6-5-8)	+289	+.1	+14
OLLIE PROSPECT JOHANNA 743404----------	5 daughters---	13	10,478	3.4	359
Born, 1-5-37; proved, 10-10-47;----; Wis.	5 dams--------	25	10,185	3.6	368
Sire, 700266; dam, 1616183.	Difference----	(2-2-2)	+293	-.2	- 9
Herd Owner, Duart Farm, Elkhorn.					
ONA CLOTHILDE MADAKERK 772371----------	14 daughters--	17	10,377	3.7	389
Born, 1-26-39; proved, 10-24-47;----; Pa.	12 daughters--	15	10,465	3.7	390
Sire, 650485; dam, 1920325.	12 dams-------	37	10,172	3.9	401
Herd Owner, J. Mark Robinson, Tunkhannock.	Difference----	(6-4-6)	+293	-.2	-11
ORMSBY BEETS LYONS 724352----------	25 daughters--	42	10,230	3.6	369
Born, 3-27-36; proved, 10-6-47; dead; N. Y.	21 daughters--	34	10,203	3.6	367
Sire, 579109; dam, 1688458.	21 dams-------	67	10,041	3.4	345
Herd Owner, Asa G. Moulton, Winthrop.	Difference----	(14-17-14)	+162	+.2	+22
ORMSBY ONA BUD 724382----------	8 daughters---	15	11,499	3.7	429
Born, 5-5-36; proved, 10-7-47; dead; Mich.	5 daughters---	11	11,485	3.7	426
Sire, 695509; dam, 1322069.	5 dams--------	7	10,609	3.5	371
Herd Owner, Roy Reynolds, North Branch.	Difference----	(4-3-5)	+876	+.2	+55
ORMSBY PENET PONTIAC 732236----------	8 daughters---	12	8,011	3.9	311
Born, 12-27-35; proved, 10-10-47; dead; N. Y.	5 daughters---	8	7,915	3.9	308
Sire, 676226; dam, 1593996.	5 dams--------	7	10,450	3.5	367
Herd Owner, Joe Bacon, Theresa.	Difference----	(1-4-1)	-2,535	+.4	-59
OSBORNDALE KING ORMSBY FOBES 774196----------	17 daughters--	36	10,635	3.6	387
Born, 11-1-38; proved, 10-30-47;----; Pa.	11 daughters--	21	10,290	3.6	375
Sire, 724521; dam, 1898093.	11 dams-------	60	9,407	3.5	325
Herd Owner, Clayton S. Lambert, Easton.	Difference----	(8-9-9)	+883	+.1	+50

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
OSWEGO RIVER WAYNE ORMSBY 802708	6 daughters	7	11,323	3.8	429
Born, 11-27-39; proved, 10-10-47; ----; N. Y.	6 dams	15	10,416	3.5	359
Sire, 593178; dam, 1628937.	Difference	(4-5-5)	+907	+.3	+70
Herd Owner, Clifton Collins, Blossvale.					
PABST KING MODEL 810030	10 daughters	13	11,301	3.4	388
Born, 10-2-40; proved, 10-24-47; ----; Utah.	9 daughters	12	11,760	3.5	406
Sire, 113792 CHB.; dam, 2133956.	9 dams	31	12,673	3.6	450
Herd Owner, Utah State Industrial School, Ogden.	Difference	(3-3-3)	-913	-.1	-44
PABST SIR PAUL BELMONT 758577	7 daughters	8	12,122	3.8	461
Born, 2-28-38; proved, 10-9-47; dead; Ill.	5 daughters	5	11,827	3.7	441
Sire, 659551; dam, 1523922.	5 dams	8	11,076	3.5	391
Herd Owner, Inka Farms, Hampshire.	Difference	(2-4-2)	+751	+.2	+50
PABST SIR PAUL PRINCE 737272	20 daughters	23	10,600	3.5	368
Born, 2-6-37; proved, 10-14-47; ----; Ill.	13 daughters	15	10,976	3.5	380
Sire, 659551; dam, 1285047.	13 dams	27	11,227	3.5	393
Herd Owner, Windy Knoll Farm, Crystal Lake.	Difference	(7-7-6)	-251	.0	-13
PARALANE INKA LYONS 711109	5 daughters	12	12,148	3.4	409
Born, 5-10-32; proved, 10-8-47; dead; Idaho.	5 dams	18	11,890	3.4	405
Sire, 622435; dam, 1679043.	Difference	(2-3-2)	+258	.0	+ 4
Herd Owner, Aloys Schuler, Nampa.					
PARSONS PONTIAC COLANTHA 741773	16 daughters	33	11,447	3.6	409
Born, 11-1-35; proved, 10-22-47; ----; Kans.	16 dams	87	11,456	3.6	411
Sire, 464316; dam, 1046467.	Difference	(7-11-7)	- 9	.0	- 2
Herd Owner, Girls Industrial School, Beloit.					
PARSONS PONTIAC HOMESTEAD 510588	18 daughters	40	9,163	3.5	317
Born, 1-23-26; proved, 10-15-47; ----; Kans.	5 daughters	12	9,496	3.3	317
Sire, 185152; dam, 819500.	5 dams	9	12,028	3.3	401
Herd Owner, State Hospital for Epileptics, Parsons.	Difference	(0-3-0)	-2,532	.0	-84
PAUL PIPER EBENEZER 775736	8 daughters	9	13,515	3.4	460
Born, 10-26-38; proved, 10-7-47; ----; Wis.	7 daughters	8	13,039	3.5	460
Sire, 697680; dam, 1504578.	7 dams	12	13,553	3.1	423
Herd Owner, Arthur Tollefson, Orfordville.	Difference	(2-6-5)	-514	+.4	+37
P B F BEST ORMSBY PIEBE 768117	7 daughters	24	12,274	3.7	454
Born, 1-21-35; proved, 10-7-47; ----; Pa.	6 daughters	22	12,158	3.7	452
Sire, 496286; dam, 1634312.	6 dams	25	14,483	3.5	510
Herd Owner, Hugh L. Wilson, Warriors Mark.	Difference	(0-5-2)	-2,325	+.2	-58
PEBBLE BEACH DUKE 783450	33 daughters	48	10,846	4.0	433
Born, 3-19-39; proved, 10-9-47; dead; N. Y.	29 daughters	43	10,820	4.0	428
Sire, 695631; dam, 1178919.	29 dams	68	11,186	3.7	416
Herd Owner, Claude E. Brown & Son, West Winfield.	Difference	(13-21-13)	-366	+.3	+12
PERFECTION VALENTINE HAZELWOOD 803677	5 daughters	5	9,106	3.8	347
Born, 11-18-39; proved, 10-9-47; ----; Colo.	5 dams	8	10,797	3.6	390
Sire, 758411; dam, 1773000.	Difference	(1-3-1)	-1,691	+.2	-43
Herd Owner, Herman Rosenbrock, Brighton.					
PIKES PEAK SIR ORMSBY BESS FAYNE 789723	12 daughters	15	11,407	3.9	445
Born, 10-1-39; proved, 10-22-47; ----; Colo.	9 daughters	12	11,807	4.0	469
Sire, 739441; dam, 1920859.	9 dams	38	11,848	3.5	415
Herd Owner, Sinton Dairy, Colorado Springs.	Difference	(5-8-6)	- 41	+.5	+54
PINEHURST BESSIE SIR KOVEKA 765268	10 daughters	18	12,158	3.3	406
Born, 10-7-38; proved, 10-24-47; ----; Wis.	6 daughters	11	12,274	3.4	414
Sire, 723901; dam, 1387690.	6 dams	16	12,112	3.4	416
Herd Owner, Harvey R. Siemers, Cleveland.	Difference	(4-4-3)	+162	.0	- 2
PIONEER SADIE ORMSBY 760242	23 daughters	48	14,880	3.4	504
Born, 3-8-38; proved, 10-27-47; ----; Mich.	19 daughters	41	14,748	3.4	504
Sire, 688252; dam, 1788818.	19 dams	45	13,529	3.6	487
Herd Owner, Charles Heckathorn, Three Oaks.	Difference	(13-8-13)	+1,219	-.2	+17
POSCH CREAMELLE ORMSBY PONTIAC 807448	5 daughters	5	12,702	3.4	431
Born, 4-6-40; proved, 10-24-47; ----; Wis.	5 dams	15	10,790	3.5	377
Sire, 734017; dam, 1802219.	Difference	(4-3-3)	+1,912	-.1	+54
Herd Owner, Earl F. Smith, Reedsburg.					
PRINCE CASCADE OF PURDUE 743923	11 daughters	12	13,002	3.6	472
Born, 6-14-37; proved, 10-24-47; ----; Ind.	5 daughters	5	14,314	3.6	517
Sire, 600149; dam, 1773763.	5 dams	8	13,656	3.6	492
Herd Owner, Baker Brothers & Schurz, La Porte.	Difference	(4-2-4)	+658	.0	+25
PRINCE FIFI DELLA FOBES CRUSADER 734424	9 daughters	12	12,898	3.7	474
Born, 7-2-36; proved, 10-9-47; ----; Wis.	7 daughters	10	12,322	3.8	470
Sire, 612633; dam, 1532604.	7 dams	19	10,822	3.9	426
Herd Owner, H. E. Dickinson & R. Southcoff, Oconomowoc.	Difference	(5-3-4)	+1,500	-.1	+44

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PRINCE ULTRA SWEET 712839----------	14 daughters--	23	11,313	3.4	382
Born, 4-23-35; proved, 10-8-47; dead; Pa.	9 daughters---	17	11,385	3.4	384
Sire, 669889; dam, 1484359.	9 dams--------	35	11,314	3.2	362
Herd Owner, W. R. Downs, Jersey Shore.	Difference----	(5-6-6)	+ 71	+.2	+22
QUONQUONT PRINCE PLUTO 813933----------	12 daughters--	14	9,942	3.4	340
Born, 9-29-40; proved, 10-27-47;----; N. Y.	12 dams-------	27	11,210	3.6	406
Sire, 752740; dam, 1844902.	Difference----	(3-4-3)	-1,268	-.2	-66
Herd Owner, Ralph S. Clark, Delhi.					
REMUS NIFTY FLINT PIEBE 646305----------	13 daughters--	24	13,182	3.3	439
Born, 11-19-30; proved, 10-28-47;----; Mich.	6 daughters---	14	14,344	3.3	467
Sire, 541230; dam, 1257661.	6 dams--------	16	12,941	3.8	485
Herd Owner, F. D. & Keith W. King, Charlotte.	Difference----	(4-1-2)	+1,403	-.5	-18
ROELIFF RAG APPLE PATHFINDER 781141----------	5 daughters---	8	11,732	4.2	496
Born, 5-4-39; proved, 10-22-47; dead; N. Y.	5 dams--------	14	11,691	4.0	466
Sire, 745263; dam, 1389503.	Difference----	(2-4-3)	+ 41	+.2	+30
Herd Owner, Albert E. Conklin, Copake.					
ROYAL DIRECT LONLEY CREAMELLE 760154----------	10 daughters--	14	10,369	3.5	360
Born, 3-20-38; proved, 10-21-47;----; Maine.	7 daughters---	11	11,160	3.4	377
Sire, 598396; dam, 1602518.	7 dams--------	26	10,896	3.2	346
Herd Owner, Ernest F. Additon & Son, Greene.	Difference----	(4-4-5)	+264	+.2	+31
RURALVALE SIR ASCALON POSCH 733217----------	14 daughters--	19	11,841	3.4	398
Born, 7-24-36; proved, 10-7-47;----; Mich.	14 dams-------	41	14,032	3.3	467
Sire, 670810; dam, 1648286.	Difference----	(2-10-3)	-2,191	+.1	-69
Herd Owner, Dr. A. L. Arnold, Jr., Owosso.					
SHELLBRO ORMSBY FAYNE POSCH 736280----------	12 daughters--	13	11,724	3.6	427
Born, 12-6-36; proved, 10-10-47; dead; Minn.	8 daughters---	9	11,178	3.6	407
Sire, 705151; dam, 951999.	8 dams--------	21	11,361	3.3	378
Herd Owner, Ira Tlam, Dunnell.	Difference----	(4-8-6)	-183	+.3	+29
SHIAWANA CAPTAIN PRIM 752388----------	5 daughters---	8	10,651	3.1	332
Born, 4-24-37; proved, 10-21-47;----; Mich.	5 dams--------	20	9,777	3.3	320
Sire, 670314; dam, 1671279.	Difference----	(4-1-3)	+874	-.2	+12
Herd Owner, Elbert J. Coffee, Goodrich.					
SIEBECKER HOMESTEAD INKA 777347----------	8 daughters---	8	12,924	3.8	488
Born, 1-4-39; proved, 10-13-47;----; Wis.	8 dams--------	25	10,868	3.5	377
Sire, 703880; dam, 1833587.	Difference----	(7-7-7)	+2,056	+.3	+111
Herd Owner, Dane County Farm, Verona.					
SILVERLEAF A O F INTENSIFICATION 772267----------	9 daughters---	11	8,724	3.4	299
Born, 2-21-39; proved, 10-23-47;----; Wis.	7 daughters---	9	8,486	3.4	289
Sire, 716662; dam, 1818937.	7 dams--------	31	8,102	3.5	284
Herd Owner, Gustav Pipkorn, Cedarburg.	Difference----	(4-2-3)	+384	-.1	+ 5
SIR BETTY ADMIRAL FOBES 734423----------	8 daughters---	11	11,161	3.4	383
Born, 4-6-36; proved, 10-8-47;----; Wis.	8 dams--------	43	9,227	3.5	327
Sire, 653949; dam, 1677535.	Difference----	(7-3-7)	+1,934	-.1	+56
Herd Owner, Wisconsin Home & Farm School, Oconomowoc.					
SIR CANARY SUPREME SEGIS 739154----------	20 daughters--	49	9,100	3.3	300
Born, 2-22-37; proved, 10-10-47;----; N. J.	10 daughters--	28	9,268	3.2	299
Sire, 681672; dam, 1417573.	10 dams-------	64	9,772	3.4	329
Herd Owner, Camden County Farms, Lakeland.	Difference----	(6-3-4)	-504	-.2	-30
SIR DANDY DESIGN 774753----------	15 daughters--	23	2,531	3.5	444
Born, 2-26-39; proved, 10-9-47; dead; N. J.	8 daughters---	12	12,479	3.5	440
Sire, 738106; dam, 1540834.	8 dams--------	20	13,065	3.5	456
Herd Owner, William P. Cadwallader, Salem.	Difference----	(3-4-2)	-586	.0	-16
SIR ELLA FLOOD COLANTHUS 807466----------	5 daughters---	7	14,873	3.5	516
Born, 3-25-40; proved, 10-10-47;----; Utah.	5 dams--------	24	15,548	3.6	566
Sire, 758411; dam, 1936005.	Difference----	(2-2-2)	-675	-.1	-50
Herd Owner, Andrew Nelson, Logan.					
SIR INKA ORMSBY BEETS WAYNE 716116----------	12 daughters--	28	11,529	3.6	419
Born, 8-29-35; proved, 10-20-47;----; Ill.	9 daughters---	22	11,482	3.7	424
Sire, 673014; dam, 1227340.	9 dams--------	28	11,374	3.7	420
Herd Owner, Oatman Farm, Dundee.	Difference----	(5-6-5)	+108	.0	+ 4
SIR MUTUAL PIEBE OF HILLSBORO 690223----------	11 daughters--	23	9,774	3.7	361
Born, 10-22-33; proved, 10-29-47;----; N. J.	7 daughters---	17	9,761	3.7	364
Sire, 654594; dam, 1380305.	7 dams--------	18	9,922	3.7	371
Herd Owner, Richard J. Stevenson, Califon.	Difference----	(3-4-4)	-161	.0	- 7
SIR ORMSBY WONDER LAD 759084----------	9 daughters---	15	10,558	3.2	333
Born, 11-30-37; proved, 10-21-47;----; Iowa.	8 daughters---	14	10,656	3.1	335
Sire, 544411; dam, 1516810.	8 dams--------	15	9,752	3.2	313
Herd Owner, Ralph Behrens & Son, Strawberry Point.	Difference----	(5-3-5)	+904	-.1	+22

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SIR PABST COLANTHUS POSCH 812996	11 daughters	13	11,293	3.6	402
Born, 7-23-35; proved, 10-30-47;----; N. Y.	8 daughters	8	10,587	3.6	383
Sire, 61069 CHB.; dam, 2010313.	8 dams	30	10,454	3.7	390
Herd Owner, Ralph D. Reid, Salem.	Difference	(5-2-4)	+133	-.1	- 7
SIR TRIUMF FASKIE BELLE 698448	14 daughters	40	11,987	3.5	425
Born, 12-26-33; proved, 10-24-47;----; Calif.	10 daughters	31	12,196	3.6	436
Sire, 514787; dam, 1218447.	10 dams	38	11,493	3.5	399
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference	(7-7-7)	+703	+.1	+37
SIR WALKER INKA HOMESTEAD 69TH 734127	25 daughters	51	10,647	3.7	394
Born, 8-5-36; proved, 10-10-47; dead; N. Y.	13 daughters	23	10,627	3.7	398
Sire, 363817; dam, 1048376.	13 dams	28	11,232	3.5	394
Herd Owner, Porter R. Backus, Hartwick Seminary.	Difference	(3-11-7)	-605	+.2	+ 4
SPRING FARM PABST PALMYRA 766815	16 daughters	23	10,837	3.6	385
Born, 3-29-38; proved, 10-10-47;----; Wis.	10 daughters	16	10,515	3.6	374
Sire, 115471 CHB.; dam, 305660 CHB.	10 dams	26	11,484	3.5	397
Herd Owner, Small & Halbach, Burlington.	Difference	(3-7-4)	-969	+.1	-23
S P S M TRAVERSE KORNDYKE IDEAL 730409	5 daughters	9	10,045	3.5	347
Born, 1-5-36; proved, 10-8-47;----; Mich.	5 dams	17	9,104	3.6	324
Sire, 636834; dam, 1537374.	Difference	(3-4-4)	+941	-.1	+23
Herd Owner, Starr Commonwealth Farms, Albion.					
S P S SIR DELLA LUDWIG 806831	5 daughters	7	8,522	3.6	305
Born, 7-20-40; proved, 10-14-47;----; Wis.	5 dams	10	9,697	3.4	330
Sire, 769814; dam, 1533743.	Difference	(2-4-2)	-1,175	+.2	-25
Herd Owner, Sparta State Public School, Sparta.					
STEILACOOM SIR ROMEO VALE 719513	9 daughters	19	13,121	3.5	455
Born, 6-6-35; proved, 10-8-47; dead; Wash.	8 daughters	18	13,020	3.4	443
Sire, 580624; dam, 1585292.	8 dams	36	12,813	3.5	450
Herd Owner, Western State Hospital, Fort Steilacoom.	Difference	(3-4-2)	+207	-.1	- 7
STRATTON SIR ORMSBY JEWEL 768231	13 daughters	19	10,521	3.6	379
Born, 6-11-38; proved, 10-23-47;----; Colo.	11 daughters	16	10,480	3.6	380
Sire, 729200; dam, 1547544.	11 dams	52	12,861	3.8	485
Herd Owner, Modern Woodmen Sanatorium, Woodmen.	Difference	(3-4-2)	-2,381	-.2	-105
SUNNYBANK DIAMOND 740361	9 daughters	13	9,752	3.9	377
Born, 9-2-36; proved, 10-30-47;----; Minn.	7 daughters	11	10,255	3.9	397
Sire, 695309; dam, 1671026.	7 dams	23	13,374	3.6	482
Herd Owner, Albert H. Petersen, Foley.	Difference	(0-6-2)	-3,119	+.3	-85
SUZONE BOELYN SWEET 683693	8 daughters	13	8,778	3.2	285
Born, 6-30-33; proved, 10-28-47;----; N. J.	6 daughters	10	8,573	3.1	269
Sire, 517606; dam, 1034686.	6 dams	16	9,228	3.2	300
Herd Owner, Albert L. Hagen, Flemington.	Difference	(1-2-1)	-655	-.1	-31
TEN-KINK COLANTHA PIEBE FOBES 730953	24 daughters	35	15,081	3.2	483
Born, 11-12-35; proved, 10-7-47; dead; Calif.	16 daughters	25	15,433	3.2	494
Sire, 622608; dam, 1460316.	16 dams	49	12,684	3.1	395
Herd Owner, Wallace N. Lindskoog, Turlock.	Difference	(12-11-13)	+2,749	+.1	+99
TEN-KINK PIEBE MCKINLEY SIR ROMEO 803002	6 daughters	6	12,870	3.6	468
Born, 8-31-38; proved, 10-10-47; dead; Idaho.	6 dams	11	13,715	3.5	477
Sire, 726179; dam, 1808306.	Difference	(1-6-3)	-845	+.1	- 9
Herd Owner, Irvin Ehlers, Twin Falls.					
TOLEDO ORMSBY ONA 709444	31 daughters	42	11,157	3.9	431
Born, 5-29-35; proved, 10-20-47;----; Ohio.	14 daughters	23	11,202	3.9	433
Sire, 439001; dam, 1003206.	14 dams	26	10,044	3.6	366
Herd Owner, Boys' Industrial School, Lancaster.	Difference	(10-12-11)	+1,158	+.3	+67
TOLEDO PONTIAC DECREAMCO 679820	25 daughters	66	12,619	3.1	385
Born, 3-4-33; proved, 10-28-47;----; Ohio.	6 daughters	21	12,540	3.0	380
Sire, 532373; dam, 704244.	6 dams	16	12,616	3.2	397
Herd Owner, Lima State Hospital, Lima.	Difference	(3-1-2)	- 76	-.2	-17
U-MO VESPER MAN-O-WAR ZIRC (TWIN) 733633	11 daughters	20	10,223	3.4	350
Born, 3-17-36; proved, 10-6-47; alive; Mo.	6 daughters	11	10,357	3.4	353
Sire, 639850; dam, 942665.	6 dams	6	8,681	3.4	291
Herd Owner, Russell Steele, Butler.	Difference	(5-4-5)	+1,676	.0	+62
USNAD OLLIE MATADOR 748508	20 daughters	30	11,755	3.2	376
Born, 2-28-37; proved, 10-28-47;----; N. Y.	15 daughters	24	11,996	3.2	380
Sire, 517549; dam, 1538157.	15 dams	59	11,562	3.6	420
Herd Owner, Charles L. Kilborne, Moravia.	Difference	(7-0-7)	+434	-.4	-40
USNAD ORMSBY SENSATION 725446	19 daughters	51	11,745	3.4	394
Born, 1-21-36; proved, 10-16-47; dead; Del.	10 daughters	26	12,163	3.3	406
Sire, 646809; dam, 1581196.	10 dams	36	12,131	3.2	386
Herd Owner, St. Joseph's Industrial School, Clayton.	Difference	(4-8-7)	+ 32	+.1	+20

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
U S S H MARATHON JAVOCA ROXY 757016----------	9 daughters---	18	9,487	3.5	330
Born, 3-9-38; proved, 10-28-47;----; W. Va.	6 daughters---	9	9,715	3.4	334
Sire, 724922; dam, 1820188.	6 dams--------	28	6,812	3.7	249
Herd Owner, J. E. McDonald, Martinsburg.	Difference----	(6-1-6)	+2,903	-.3	+85
U V M MUTUAL JOHANNA LAD 751976----------	12 daughters--	15	8,945	3.5	317
Born, 12-20-37; proved, 10-21-47;----; Vt.	9 daughters---	11	9,137	3.5	317
Sire, 493889; dam, 1538309.	9 dams--------	27	9,517	3.6	345
Herd Owner, Harold C. Payne, Bridport.	Difference----	(3-4-4)	-380	-.1	-28
U W GREBEGGA HEILO SIR ROMEO 813842----------	5 daughters---	7	11,933	3.4	400
Born, 11-15-40; proved, 10-24-47;----; Wis.	5 dams--------	15	10,713	3.3	350
Sire, 778235; dam, 2052516.	Difference----	(3-4-5)	+1,220	+.1	+50
Herd Owner, Thomas Kelley Farm Corp., Menomonie.					
U W SIR BESS PIONEER JOE 736666----------	10 daughters--	23	12,907	3.4	444
Born, 1-29-37; proved, 10-10-47;----; Wis.	6 daughters---	15	12,641	3.5	448
Sire, 505428; dam, 1762620.	6 dams--------	28	11,344	3.5	393
Herd Owner, University of Wisconsin, Ashland.	Difference----	(4-2-5)	+1,297	.0	+55
VAN HOOSEN BARON MERCEDES 735744----------	19 daughters--	24	11,672	3.4	391
Born, 2-17-37; proved, 10-20-47;----; Mich.	13 daughters--	17	11,078	3.4	380
Sire, 721656; dam, 1539660.	13 dams-------	17	11,229	3.5	394
Herd Owner, Murray McCollum, Unionville.	Difference----	(7-4-5)	-151	-.1	-14
VAN HOOSEN SEGIS HERO 743366----------	12 daughters--	22	10,272	3.5	362
Born, 3-1-37; proved, 10-13-47; dead; Mich.	12 dams-------	25	10,630	3.8	404
Sire, 726005; dam, 1727143.	Difference----	(6-4-5)	-358	-.3	-42
Herd Owner, Spencer Semans & Son, Ovid.					
VAN HORNE ORMSBY COLANTHA 750908----------	10 daughters--	22	10,872	3.5	384
Born, 12-7-36; proved, 10-22-47;----; N. Y.	8 daughters---	15	10,567	3.4	361
Sire, 538202; dam, 1484928.	8 dams--------	16	13,086	3.6	476
Herd Owner, W. T. Conkling, Earlville.	Difference---	(3-3-2)	-2,519	-.2	-115
VERNWAY HOMESTEAD DAISY BOY 795085----------	29 daughters--	37	12,179	3.4	413
Born, 9-26-39; proved, 10-30-47;----; Wash.	29 dams-------	125	11,886	3.4	403
Sire, 752698; dam, 1866783.	Difference----	(19-16-15)	+293	.0	+10
Herd Owner, D. L. Motteler, Leavenworth.					
V S H PIEBE PAPOOSE 692442----------	16 daughters--	29	9,073	3.3	301
Born, 4-19-34; proved, 10-29-47;----; Vt.	7 daughters---	11	8,226	3.5	284
Sire, 654495; dam, 1132369.	7 dams--------	7	6,606	3.5	232
Herd Owner, Vermont State Prison Farm, Windsor.	Difference----	(6-2-6)	+1,620	.0	+52
WAUPUN SEGIS DUNLOGGIN (TWIN) 838678----------	5 daughters---	5	13,510	3.3	447
Born, 8-31-41; proved, 10-30-47;----; Tex.	5 dams--------	16	10,509	3.3	347
Sire, 662102; dam, 1838656.	Difference----	(5-3-5)	+3,001	.0	+100
Herd Owner, Lamar Creamery Co., Paris.					
WEBER BURKE FROST (TWIN) 819479----------	7 daughters---	7	13,418	3.7	490
Born, 1-5-41; proved, 10-27-47;----; Utah.	5 daughters---	5	13,404	3.6	482
Sire, 697789; dam, 1733748.	5 dams--------	16	11,230	3.6	405
Herd Owner, Leon D. Gardner, Deweyville.	Difference----	(4-3-5)	+2,174	.0	+77
WEBER BURKE HAZELWOOD 758103----------	13 daughters--	17	10,303	3.3	343
Born, 11-2-37; proved, 10-23-47;----; Utah.	6 daughters---	6	8,790	3.4	302
Sire, 697789; dam, 1704113.	6 dams--------	16	12,913	3.4	440
Herd Owner, Utah State Industrial School, Ogden.	Difference----	(0-3-0)	-4,123	.0	-138
WIEDMEYER ROCK PRILLY ORMSBY 768337----------	7 daughters---	9	9,971	3.6	360
Born, 4-2-38; proved, 10-10-47;----; Iowa.	7 dams--------	22	12,273	3.6	448
Sire, 763499; dam, 1609016.	Difference----	(1-3-1)	-2,302	.0	-88
Herd Owner, Harold Brockmeyer, Edgewood.					
WIMBLEDON FAYNE EMPEROR 699448----------	8 daughters---	13	11,541	3.2	375
Born, 8-6-34; proved, 10-27-47;----; Va.	6 daughters---	9	11,075	3.2	354
Sire, 671030; dam, 1022202.	6 dams--------	6	10,367	3.5	366
Herd Owner, A. E. McMurdo, Proffit.	Difference----	(4-2-4)	+708	-.3	-12
WIMBLEDON INKA ORMSBY 722304----------	17 daughters--	25	9,060	3.5	321
Born, 9-3-35; proved, 10-15-47;----; Md.	13 daughters--	20	8,844	3.6	315
Sire, 683357; dam, 1639610.	13 dams-------	14	9,063	3.3	299
Herd Owner, Edward F. Holter, Middletown.	Difference----	(4-9-8)	-219	+.3	+16
WINTERTHUR GREAT DAD PONSEGIS 700700----------	44 daughters--	103	9,286	3.7	341
Born, 9-21-34; proved, 10-13-47; dead; N. Y.	26 daughters--	64	9,208	3.7	344
Sire, 500000; dam, 1286146.	26 dams-------	72	10,434	3.3	349
Herd Owner, Collins & Bates, Adams.	Difference----	(9-22-12)	-1,226	+.4	- 5
WINTERTHUR SELECT FOBES WALLACE 835921----------	6 daughters---	6	14,215	3.6	510
Born, 10-19-41; proved, 10-24-47; alive; N. Y.	6 dams--------	22	12,313	3.6	445
Sire, 750000; dam, 2061858.	Difference----	(5-3-5)	+1,902	.0	+65
Herd Owner, George S. Cowles & Son, Ashville.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WISFOB ORMSBY OLLIE GOOD LUCK 779629----------	7 daughters---	9	12,795	3.5	452
Born, 2-15-39; proved, 10-21-47;----; Wis.	6 daughters---	6	13,047	3.6	463
Sire, 741863; dam, 1921707.	6 dams--------	19	11,564	3.4	393
Herd Owner, Wisconsin School for Blind, Janesville.	Difference----	(4-4-4)	+1,483	+.2	+70
W I S LASS MODEL 772906----------	9 daughters---	11	9,128	3.3	297
Born, 11-19-38; proved, 10-30-47;----; Wis.	6 daughters---	8	8,988	3.3	292
Sire, 729042; dam, 1882137.	6 dams--------	9	10,092	3.7	372
Herd Owner, William F. Quandt, Hartford.	Difference----	(1-1-0)	-1,104	-.4	-80
WOODCRAFT QUANTITY NUDINE 4TH 719309----------	8 daughters---	10	11,462	3.4	388
Born, 1-18-36; proved, 10-29-47;----; Wyo.	5 daughters---	6	11,717	3.3	392
Sire, 675524; dam, 1627574.	5 dams--------	16	11,426	3.3	376
Herd Owner, University of Wyoming, Laramie.	Difference----	(3-4-3)	+291	.0	+16
YARBA DELLA CHAMPION 818478----------	6 daughters---	7	9,919	3.7	370
Born, 3-7-40; proved, 10-21-47;----; Pa.	5 daughters---	6	9,647	3.8	363
Sire, 618582; dam, 1586357.	5 dams--------	16	12,741	3.6	464
Owner, First Pennsylvania A. B. A.	Difference----	(2-3-1)	-3,094	+.2	-101
15574----------	10 daughters--	17	9,755	3.6	350
Born, ----; proved, 10-15-47;----; Pa.	7 daughters---	11	10,142	3.5	355
Sire, ----; dam, ----.	7 dams--------	18	9,316	3.3	307
Herd Owner, J. M. Statler & Son, Chambersburg.	Difference----	(4-5-4)	+826	+.2	+48
15987----------	9 daughters---	12	9,560	3.4	321
Born, ----; proved, 10-22-47;----; Pa.	9 dams--------	26	9,801	3.2	317
Sire, ----; dam, ----.	Difference----	(4-6-5)	-241	+.2	+ 4
Herd Owner, Lehman Zeager, Middletown.					
18117----------	7 daughters---	9	13,389	3.4	453
Born, ----; proved, 10-20-47;----; Iowa.	7 dams--------	19	12,246	3.3	403
Sire, ----; dam, ----.	Difference----	(4-4-7)	+1,143	+.1	+50
Herd Owner, John W. Boote, Hull.					
11*E103242 (BANGS OR TB EARTAG)----------	6 daughters---	6	8,030	3.9	312
Born, ----; proved, 10-23-47;----; Maine.	6 dams--------	16	9,885	3.9	390
Sire, ----; dam, ----.	Difference----	(1-2-1)	-1,855	.0	-78
Herd Owner, Reformatory for Men, South Windham.					
13*49896 (BANGS OR TB EARTAG)----------	21 daughters--	39	10,918	3.4	375
Born, ----; proved, 10-14-47;----; Vt.	21 dams-------	87	12,482	3.4	429
Sire, ----; dam, ----.	Difference----	(9-11-8)	-1,564	.0	-54
Herd Owner, Herman E. Smith & Sons, Bridport.					
13*81443 (BANGS OR TB EARTAG)----------	13 daughters--	17	9,030	3.7	333
Born, ----; proved, 10-27-47;----; Vt.	9 daughters---	13	9,121	3.7	334
Sire, ----; dam, ----.	9 dams--------	19	9,777	3.5	342
Herd Owner, Whitcomb Farm, Essex Junction.	Difference----	(3-7-4)	-656	+.2	- 8
13*T104092 (BANGS OR TB EARTAG)----------	22 daughters--	57	9,700	3.5	339
Born, ----; proved, 10-7-47;----; Vt.	12 daughters--	32	9,891	3.5	342
Sire, ----; dam, ----.	12 dams-------	24	10,435	3.6	376
Herd Owner, Hall Brothers, Orwell.	Difference----	(5-3-5)	-544	-.1	-34
13*125799 (BANGS OR TB EARTAG)----------	6 daughters---	13	7,576	3.6	273
Born, ----; proved, 10-7-47;----; Vt.	6 dams--------	21	8,501	3.6	308
Sire, ----; dam, ----.	Difference----	(2-4-2)	-925	.0	-35
Herd Owner, Ernest W. Larrabee, Shoreham.					
13*370867 (BANGS OR TB EARTAG)----------	15 daughters--	39	9,511	3.4	328
Born, ----; proved, 10-7-47;----; Vt.	11 daughters--	26	9,267	3.4	319
Sire, ----; dam, ----.	11 dams-------	25	12,137	3.5	422
Herd Owner, Hall Brothers, Orwell.	Difference----	(0-7-1)	-2,870	-.1	-103
13*418704 (BANGS OR TB EARTAG)----------	29 daughters--	52	9,344	3.6	332
Born, ----; proved, 10-10-47;----; Vt.	22 daughters--	37	9,431	3.5	331
Sire, ----; dam, ----.	22 dams-------	57	10,224	3.7	381
Herd Owner, Mrs. E. J. Preseau, Orwell.	Difference----	(9-9-7)	-793	-.2	-50
31-1543 (DHIA EARTAG)----------	6 daughters---	8	7,254	4.0	292
Born, ----; proved, 10-30-47;----; Ohio.	5 daughters---	7	7,478	4.0	303
Sire, ----; dam, ----.	5 dams--------	11	8,941	3.5	316
Herd Owner, Ed K. Litchfield, New London.	Difference----	(2-4-2)	-1,463	+.5	-13
35*HE8548 (BANGS OR TB EARTAG)----------	9 daughters---	9	8,047	3.7	296
Born, ----; proved, 10-22-47;----; Wis.	9 dams--------	24	9,378	3.6	336
Sire, ----; dam, ----.	Difference----	(3-6-3)	-1,331	+.1	-40
Herd Owner, Herbert Stiener, Brownsville.					
35*HA35803 (BANGS OR TB EARTAG)----------	17 daughters--	21	11,597	3.7	424
Born, ----; proved, 10-14-47;----; Wis.	13 daughters--	16	11,813	3.6	429
Sire, ----; dam, ----.	13 dams-------	26	10,849	3.5	381
Herd Owner, Clarence Schmidt, Brownsville.	Difference----	(9-10-10)	+964	+.1	+48

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
35*EC46917 (BANGS OR TB EARTAG)----------	5 daughters---	7	11,188	3.9	434
Born, ----; proved, 10-9-47;----; Wis.	5 dams--------	29	11,237	3.6	402
Sire, ----; dam, ----.	Difference----	(2-5-3)	- 49	+.3	+32
Herd Owner, C. F. Bemis, Plymouth.					
35*HM81656 (BANGS OR TB EARTAG)----------	5 daughters---	5	7,744	3.3	253
Born, ----; proved, 10-10-47;----; Wis.	5 dams--------	10	8,351	3.3	272
Sire, ----; dam, ----.	Difference----	(1-2-1)	-607	.0	-19
Herd Owner, Bennie Grundahl, Mount Horeb.					
84-8361 (DHIA EARTAG)----------	18 daughters--	29	9,073	3.7	337
Born,----; proved, 10-22-47;----; Colo.	9 daughters---	12	8,231	3.9	321
Sire, ----; dam, ----.	9 dams--------	15	10,302	4.0	410
Herd Owner, Mrs. Irene Peterson, Colorado Springs.	Difference----	(2-4-2)	-2,071	-.1	-89

JERSEY SIRES

BABBACOMBE STANDARD SIRDAR 417546----------	18 daughters--	29	7,865	5.8	459
Born, 12-22-33; proved, 10-9-47; dead; Wash.	14 daughters--	22	7,454	5.9	440
Sire, 46728 CJCC.; dam, 35947 CJCC.	14 dams-------	44	8,588	5.6	484
Herd Owner, Preston Dey, Sequim.	Difference----	(2-11-3)	-1,134	+.3	-44
BAYLEAF MARVIN MAJOR 387462----------	6 daughters---	9	6,190	5.3	325
Born, 4-11-37; proved, 10-30-47;----; Mich.	6 dams--------	18	7,907	5.2	408
Sire, 352677; dam, 1026982.	Difference----	(1-3-2)	-1,717	+.1	-83
Herd Owner, Mrs. Sarah Butler, Holt.					
BAYONNE DREAMING PRINCE 401674----------	9 daughters---	20	6,037	5.2	314
Born, 3-8-38; proved, 10-24-47;----; Vt.	9 dams--------	42	7,056	5.2	365
Sire, 373211; dam, 991637.	Difference----	(2-6-2)	-1,019	.0	-51
Herd Owner, Howard R. Lang, Stowe.					
BELL SILKY DICTATOR 394268----------	6 daughters---	6	7,886	4.8	377
Born, 5-6-38; proved, 10-10-47; dead; N. Y.	5 daughters---	5	8,015	4.8	381
Sire, 378692; dam, 1095217.	5 dams--------	5	10,430	4.6	479
Herd Owner, Frank James, Watertown.	Difference----	(1-5-1)	-2,415	+.2	-98
BLONDE VALIANT 370919----------	8 daughters---	15	6,187	5.5	342
Born, 4-14-35; proved, 10-29-47;----; Maine.	8 dams--------	22	6,498	5.6	365
Sire, 332779; dam, 941007.	Difference----	(2-3-4)	-311	-.1	-23
Herd Owner, Harrison Hill Farm, Harpswell.					
BLONDINE COCK ROBIN 396168----------	19 daughters--	26	7,129	5.4	386
Born, 8-4-38; proved, 10-10-47; alive; Tex.	10 daughters--	15	7,248	5.5	396
Sire, 359290; dam, 896138.	10 dams-------	19	7,338	5.2	378
Herd Owner, Grover Sellers, Sulphur Springs.	Difference----	(5-7-7)	- 90	+.3	+18
BRAMPTON REINETTE PEER 382598----------	6 daughters---	11	5,344	5.2	277
Born, 4-10-36; proved, 10-9-47; dead; Mich.	6 dams--------	13	6,811	5.6	382
Sire, 76391 CJCC.; dam, 57999 CJCC.	Difference----	(2-1-0)	-1,467	-.4	-105
Herd Owner, S. C. Dinsmore & Son, Bad Axe.					
CALIFORNIA NICK KID 398167----------	15 daughters--	19	8,889	5.6	501
Born, 5-11-38; proved, 10-7-47; alive; Calif.	15 dams-------	81	8,736	5.1	448
Sire, 316846; dam, 730140.	Difference----	(9-14-12)	+153	+.5	+53
Herd Owner, Mrs. Clara D. Sinclair, Chowchilla.					
CORNELL LAD DAN 393174----------	6 daughters---	10	6,575	5.1	335
Born, 9-10-37; proved, 10-29-47;----; Pa.	6 dams--------	28	7,084	5.1	363
Sire, 347174; dam, 826483.	Difference----	(2-3-2)	-509	.0	-28
Herd Owner, J. A. & W. D. Fairchild, Berwick.					
DESIGN DINETTE 397713----------	10 daughters--	28	8,510	5.1	437
Born, 4-7-38; proved, 10-14-47;----; Pa.	8 daughters---	24	8,254	5.2	432
Sire, 359802; dam, 891301.	8 dams--------	17	8,447	5.0	425
Herd Owner, John Booth Farms, Carbondale.	Difference----	(4-6-5)	-193	+.2	+ 7
DOROTHY'S SIGNAL DAN 396782----------	9 daughters---	13	6,789	5.3	357
Born, 6-13-38; proved, 10-8-47; dead; Idaho.	9 dams--------	18	7,238	5.1	372
Sire, 374914; dam, 1108280.	Difference----	(4-6-5)	-449	+.2	-15
Herd Owner, E. K. Miller, Emmett.					
DREAMING SAM'S VICTOR 358787----------	24 daughters--	76	5,900	4.9	290
Born, 3-1-33; proved, 10-10-47;----; Pa.	8 daughters---	28	6,153	4.9	302
Sire, 261643; dam, 795175.	8 dams--------	22	5,902	4.8	283
Herd Owner, Charles W. Shrum, Jeannette.	Difference----	(5-6-5)	+251	+.1	+19
DUKE SUPERIOR RALEIGH 397956----------	11 daughters--	15	6,444	5.5	357
Born, 3-10-38; proved, 10-14-47;----; Pa.	9 daughters---	12	6,202	5.4	338
Sire, 314894; dam, 1202383.	9 dams--------	38	7,223	5.3	382
Herd Owner, H. Frank Uplinger, Reynoldsville.	Difference----	(2-8-2)	-1,021	+.1	-44

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
EVERGREEN BULLY BOY 391905----------	13 daughters--	28	9,458	5.4	507
Born, 11-24-37; proved, 10-21-47;----; Wash.	7 daughters---	17	8,629	5.5	473
Sire, 380687; dam, 1025418.	7 dams--------	22	8,160	5.3	435
Herd Owner, Cloverfields Farm, Olympia.	Difference----	(4-5-4)	+469	+.2	+38
FAWN'S GOLDEN PRIDE 381147----------	23 daughters--	56	5,293	4.9	257
Born, 10-2-36; proved, 10-21-47;----; Pa.	18 daughters--	43	5,132	4.8	246
Sire, 361292; dam, 1041653.	18 dams-------	62	6,128	4.8	293
Herd Owner, Charles W. Shrum, Jeannette.	Difference----	(3-10-5)	-996	.0	-47
FERN OXFORD DES MOYERS 353890----------	13 daughters--	22	7,293	5.1	372
Born, 1-26-33; proved, 10-28-47;----; W. Va.	5 daughters---	9	6,936	5.3	367
Sire, 350742; dam, 1007670.	5 dams--------	13	9,361	5.0	466
Herd Owner, C. Albert Woodworth, Hurricane.	Difference----	(0-3-0)	-2,425	+.3	-99
FOUR-PLY OWL SOPHIE P. KARNAK J. 401527----------	14 daughters--	14	8,456	5.3	449
Born, 7-31-38; proved, 10-31-47;----; Va.	8 daughters---	8	7,837	5.7	445
Sire, 365678; dam, 1102990.	8 dams--------	29	8,024	4.9	395
Herd Owner, Mrs. R. N. Pemberton, Doswell.	Difference----	(5-7-6)	-187	+.8	+50
GIANT NOBLEMOST 380027----------	19 daughters--	36	6,632	5.3	353
Born, 10-13-36; proved, 10-30-47;----; N. Y.	17 daughters--	34	6,787	5.2	356
Sire, 338021; dam, 1009122.	17 dams-------	55	7,672	5.5	420
Herd Owner, G. G. Halladay & Sons, Cassadaga.	Difference----	(4-6-5)	-885	-.3	-64
GOLDEN PERIOD 422348----------	7 daughters---	7	6,588	5.5	361
Born, 3-18-41; proved, 10-10-47;----; Pa.	7 dams--------	24	7,728	5.3	411
Sire, 402156; dam, 1223353.	Difference----	(1-6-1)	-1,140	+.2	-50
Herd Owner, J. Angus Wilson, Punxsutawney.					
GRAYBURN STANDARD WONDER 396189----------	18 daughters--	29	6,247	5.5	342
Born, 1-16-38; proved, 10-21-47;----; N. H.	15 daughters--	22	6,191	5.5	341
Sire, 54242 CJCC.; dam, 940845.	15 dams-------	30	7,742	5.3	413
Herd Owner, Far Hills Farm, Walpole.	Difference----	(3-10-3)	-1,551	+.2	-72
GRAYSTONE KENIA CLAIR 376558----------	6 daughters---	8	7,306	5.1	376
Born, 3-15-36; proved, 10-8-47; dead; Mich.	5 daughters---	7	7,114	5.2	371
Sire, 331247; dam, 1024987.	5 dams--------	12	8,721	5.3	465
Herd Owner, Ellis Ray, Twining.	Difference----	(2-1-0)	-1,607	-.1	-94
HELDT WEST COAST VOLUNTEER 376197----------	10 daughters--	22	7,878	5.8	460
Born, 7-3-35; proved, 10-27-47;----; Wash.	9 daughters---	20	7,948	5.8	459
Sire, 327146; dam, 843439.	9 dams--------	13	9,716	5.1	497
Herd Owner, Louis Page, Cathlamet.	Difference----	(0-9-3)	-1,768	+.7	-38
IMP. DREAMING AIM 400134----------	10 daughters--	19	8,363	5.5	457
Born, 4-4-38; proved, 10-30-47;----; N. Y.	7 daughters---	15	8,147	5.6	453
Sire, P. S. 7153 H. C.; dam, P. S. 36939 H. C.	7 dams--------	21	7,854	5.5	432
Herd Owner, Ira Z. Payne, East Schodack.	Difference----	(4-3-4)	+293	+.1	+21
JUDY'S BEAUTY KING 397248----------	16 daughters--	28	8,239	4.6	381
Born, 2-23-38; proved, 10-13-47;----; W. Va.	11 daughters--	18	8,180	4.6	380
Sire, 369546; dam, 996133.	11 dams-------	26	6,668	4.7	316
Herd Owner, F. J. Bell & Son, Lewisburg.	Difference----	(10-5-9)	+1,512	-.1	+64
LA SENTE DRACONIS STANDARD 382947----------	19 daughters--	23	5,076	5.3	268
Born, 1-26-32; proved, 10-9-47; dead; N. J.	16 daughters--	18	4,596	5.3	243
Sire, P. S. 6404 H. C.; dam, P. S. 31468 H. C.	16 dams-------	34	6,798	5.4	364
Herd Owner, Hamilton Farms, Gladstone.	Difference----	(3-9-3)	-2,202	-.1	-121
LINDELL DRACONIAN 392387----------	8 daughters---	11	7,363	5.7	421
Born, 8-3-29; proved, 10-31-47;----; Wash.	8 dams--------	14	7,464	5.5	407
Sire, 311081; dam, 47470 CJCC.	Difference----	(3-6-4)	-101	+.2	+14
Herd Owner, A. H. Poston & Sons, Spokane.					
LOUIE BETTY LAD 408283----------	8 daughters---	10	7,723	5.1	395
Born, 11-10-39; proved, 10-10-47;----; Utah.	8 dams--------	12	7,380	5.0	371
Sire, 379896; dam, 1115879.	Difference----	(5-5-5)	+343	+.1	+24
Herd Owner, Elwood Foote, Provo.					
LUKADIA OWL MIKE 374561----------	18 daughters--	19	7,245	5.6	407
Born, 6-24-35; proved, 10-6-47;----; Mo.	8 daughters---	9	7,220	5.7	414
Sire, 284245; dam, 828152.	8 dams--------	12	7,694	5.9	450
Herd Owner, H. R. Burns, Louisiana.	Difference----	(4-4-3)	-474	-.2	-36
MADCAP HEIRESS OBSERVER 375850----------	9 daughters---	12	8,276	5.3	441
Born, 9-11-35; proved, 10-21-47;----; Wis.	7 daughters---	10	8,442	5.3	449
Sire, 340671; dam, 1000665.	7 dams--------	24	7,828	5.0	393
Herd Owner, Albon Sordahl, Viroqua.	Difference----	(5-5-4)	+614	+.3	+56
MADELINE'S LAD ST. MAWES 375553----------	6 daughters---	9	8,286	5.7	468
Born, 9-26-35; proved, 10-22-47;----; Iowa.	6 dams--------	12	7,015	5.2	367
Sire, 334169; dam, 1070615.	Difference----	(5-6-5)	+1,271	+.5	+101
Herd Owner, Harry Cox, Fort Dodge.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAMORA'S TIDY VOLUNTEER 375268----------	8 daughters---	13	9,087	5.1	463
Born, 8-27-35; proved, 10-22-47;----; Ky.	5 daughters---	7	9,245	5.1	470
Sire, 329817; dam, 958714.	5 dams--------	12	9,127	5.2	470
Herd Owner, Perry B. Gaines, Carrollton.	Difference----	(2-2-2)	+118	-.1	0
MASTERS SIGNOR 368499----------	7 daughters---	8	7,324	5.4	393
Born, 11-7-34; proved, 10-30-47;----; Mich.	5 daughters---	5	7,202	5.3	385
Sire, 346973; dam, 977836.	5 dams--------	16	7,259	5.0	366
Herd Owner, Arthur P. Edison, Grand Rapids.	Difference----	(3-5-3)	- 57	+.3	+19
MAYFIELD GIFT MASTERPIECE 374361----------	9 daughters---	16	7,219	5.7	411
Born, 1-22-35; proved, 10-8-47;----; Wash.	7 daughters---	13	7,295	5.8	420
Sire, 61907 CJCC.; dam, 49430 CJCC.	7 dams--------	17	7,751	5.4	415
Herd Owner, Thurston Brothers, Yelm.	Difference----	(1-5-4)	-456	+.4	+ 5
MAYFLOWER ORMSBY LAD 374855----------	8 daughters---	20	6,040	5.3	320
Born, 3-4-33; proved, 10-22-47;----; Mo.	5 daughters---	11	6,193	5.2	321
Sire, 337397; dam, 784787.	5 dams--------	8	5,462	4.7	258
Herd Owner, Frank LeBaron & Sons, Mountain View.	Difference----	(4-5-4)	+731	+.5	+63
MISTLETOE NOBLE 375567----------	12 daughters--	37	6,499	5.1	331
Born, 10-25-35; proved, 10-24-47; dead; N. Y.	6 daughters---	20	6,485	5.1	331
Sire, 374389; dam, 827026.	6 dams--------	13	7,708	5.7	436
Herd Owner, Floyd Newburg, Portville.	Difference----	(1-2-0)	-1,223	-.6	-105
MODEL PHOENIX OF HOMEWOOD 380577----------	10 daughters--	19	5,879	5.0	293
Born, 11-1-36; proved, 10-8-47;----; Va.	9 daughters---	17	5,840	5.0	295
Sire, 344301; dam, 895722.	9 dams--------	41	5,516	4.7	259
Herd Owner, J. G. Kinzie, Troutville.	Difference----	(5-9-5)	+324	+.3	+36
MYRTLE'S MOOR VICTOR 377063----------	10 daughters--	18	7,213	5.0	364
Born, 10-9-36; proved, 10-8-47; alive; Colo.	9 daughters---	16	7,405	5.0	370
Sire, 310374; dam, 1013786.	9 dams--------	11	7,621	5.1	385
Herd Owner, P. C. Lamb, Greeley.	Difference----	(4-4-3)	-216	-.1	-15
NIGHT OWL MAJESTY PRINCE 379524----------	7 daughters---	8	6,126	5.2	318
Born, 9-15-36; proved, 10-8-47;----; Ill.	5 daughters---	6	6,059	5.3	321
Sire, 369732; dam, 689385.	5 dams--------	11	6,007	5.5	329
Herd Owner, Robert B. Lacker, Oregon.	Difference----	(3-1-2)	+ 52	-.2	- 8
OBSERVER ONYX PEER 370125----------	7 daughters---	9	7,186	5.1	365
Born, 6-29-35; proved, 10-8-47;----; Tenn.	6 daughters---	7	7,714	5.1	392
Sire, 332336; dam, 836097.	6 dams--------	8	6,874	5.5	375
Herd Owner, M. T. Miles, Murfreesboro.	Difference----	(4-1-4)	+840	-.4	+17
PALATINE OXFORD FORWARD 383747----------	13 daughters--	31	6,291	5.3	335
Born, 11-5-36; proved, 10-9-47; dead; Mich.	10 daughters--	23	5,808	5.4	316
Sire, 367252; dam, 979771.	10 dams-------	38	5,788	5.2	304
Herd Owner, Fred W. Notten, Grass Lake.	Difference----	(7-6-6)	+ 20	+.2	+12
PENSTATE GRACE'S COWSLIP 400276----------	11 daughters--	17	7,197	5.1	364
Born, 2-23-39; proved, 10-7-47;----; Pa.	10 daughters--	14	7,105	5.1	359
Sire, 338111; dam, 1039972.	10 dams-------	41	7,221	5.2	379
Herd Owner, E. G. Rice Estate, Clymer.	Difference----	(4-4-4)	-116	-.1	-20
POLLED OWL FOX 382334----------	8 daughters---	19	7,910	4.8	383
Born, 6-24-36; proved, 10-9-47; dead; Mich.	7 daughters---	17	7,795	4.9	381
Sire, 273521; dam, 872309.	7 dams--------	21	6,716	5.1	346
Herd Owner, Walter K. Hough, Romeo.	Difference----	(6-3-4)	+1,079	-.2	+35
QUECHEE DORA'S DICTATOR 412938----------	12 daughters--	18	6,115	5.4	331
Born, 12-26-39; proved, 10-14-47;----; N. Y.	11 daughters--	16	6,211	5.4	333
Sire, 386817, dam, 862752.	11 dams-------	37	6,966	5.4	374
Herd Owner, Fair Weather Farm, New Lebanon.	Difference----	(5-6-4)	-755	.0	-41
REX DAISY SPOT 400272----------	11 daughters--	17	7,898	5.6	441
Born, 3-16-39; proved, 10-7-47; dead; Wash.	7 daughters---	11	8,283	5.4	451
Sire, 350016; dam, 1135192.	7 dams--------	15	8,078	5.2	423
Herd Owner, Flet Dairy, Tacoma.	Difference----	(4-6-5)	+205	+.2	+28
ROSAIRE'S RINDA LAD 4TH 237232----------	15 daughters--	41	6,202	5.3	328
Born, 5-13-24; proved, 10-13-47;----; Pa.	13 daughters--	36	6,236	5.3	329
Sire, 205634; dam, 358466.	13 dams-------	78	6,393	5.2	330
Herd Owner, D. T. Mitchell, Jr., Mahaffey.	Difference----	(6-8-6)	-157	+.1	- 1
ROSE'S FORWARD PRINCE 387229----------	11 daughters--	19	7,311	5.6	408
Born, 9-24-36; proved, 10-29-47;----; Iowa.	10 daughters--	17	7,444	5.5	412
Sire, 342069; dam, 1127178.	10 dams-------	25	7,076	5.7	404
Herd Owner, O. T. Wilson, Mount Pleasant.	Difference----	(4-5-4)	+368	-.2	+ 8
ROYAL NOBLE ROYAL 379403----------	8 daughters---	22	7,567	5.0	376
Born, 10-20-36; proved, 10-8-47;----; Utah.	8 dams--------	32	6,791	5.1	347
Sire, 355537; dam, 1115318.	Difference----	(7-3-6)	+776	-.1	+29
Herd Owner, A. A. Shaw, Ogden.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
RUSH ROYAL DESIGN 427931----------	6 daughters---	9	7,990	5.6	450
Born, 4-9-40; proved, 10-30-47;----; Wash.	6 dams--------	17	8,753	5.4	470
Sire, 92055 CJCC.; dam, 91475 CJCC.	Difference----	(1-4-3)	-763	+.2	-20
Herd Owner, Emil Torrell, Mount Vernon.					
RUSTIC CAEST LAD 356427----------	12 daughters--	20	6,191	5.1	317
Born, 8-2-32; proved, 10-9-47;----; Maine.	5 daughters---	7	6,520	5.2	342
Sire, 239627; dam, 672447.	5 dams--------	8	8,845	4.9	436
Herd Owner, Leon C. Farrand, Starks.	Difference----	(0-4-0)	-2,325	+.3	-94
SIGNAL CORPS 388705----------	6 daughters---	13	8,003	5.3	421
Born, 3-8-38; proved, 10-27-47;----; Mass.	5 daughters---	12	8,583	5.3	453
Sire, 311360; dam, 952136.	5 dams--------	17	9,089	5.0	458
Herd Owner, High Lawn Farm, Lenox.	Difference----	(2-2-3)	-506	+.3	- 5
SOPHIE MODEL PAYMASTER 399469----------	10 daughters--	16	8,642	5.4	471
Born, 12-24-38; proved, 10-7-47;----; Pa.	9 daughters---	15	8,656	5.4	467
Sire, 387066; dam, 1053788.	9 dams--------	35	8,257	5.2	426
Herd Owner, Clifford & Claire Hunter, Guys Mills.	Difference----	(7-7-7)	+399	+.2	+41
SOPHIE PAYMASTER'S PAT 381619----------	17 daughters--	37	7,904	5.3	422
Born, 6-24-36; proved,10-9-47; dead; N. Y.	10 daughters--	18	7,395	5.4	396
Sire, 270923; dam, 807841.	10 dams-------	25	7,779	5.4	419
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference----	(3-6-4)	-384	.0	-23
STANFIELD KATE'S SON 399882----------	14 daughters--	21	6,333	5.2	328
Born, 12-11-33; proved, 10-14-47; dead; Tex.	14 dams-------	36	6,637	4.9	327
Sire, 344098; dam, 730185.	Difference----	(6-13-8)	-304	+.3	+ 1
Herd Owner, Stanfield Jersey Farm, San Antonio.					
STARLIGHT TRINITY SUCCESS 387544----------	12 daughters--	14	8,238	5.1	424
Born, 5-11-37; proved, 10-29-47;----; Mich.	9 daughters---	10	8,221	5.1	418
Sire, 363545; dam, 1063798.	9 dams--------	23	6,876	5.1	348
Herd Owner, Lynn Post & Sons, Rockford.	Difference----	(7-4-8)	+1,345	.0	+70
SYBIL'S LUCKY LAD 388547----------	6 daughters---	9	6,415	4.8	307
Born, 1-23-30; proved, 10-29-47;----; W. Va.	5 daughters---	6	6,281	4.7	293
Sire, 366701; dam, P. S. 35329 H. C.	5 dams--------	16	6,765	5.1	345
Herd Owner, John A. Kelly, Huntington.	Difference----	(2-1-0)	-484	-.4	-52
VANITY CORONATION DREAMER 422222----------	8 daughters---	9	7,375	5.3	393
Born, 9-3-40; proved, 10-9-47;----; Pa.	5 daughters---	6	7,218	5.3	379
Sire, 399195; dam, 1230514.	5 dams--------	12	7,476	5.1	381
Herd Owner, Claude L. Carter & Son, Montrose.	Difference----	(3-4-3)	-258	+.2	- 2
VICTOR HANDSOME IRA 401550----------	7 daughters---	10	7,545	5.4	409
Born, 4-16-38; proved, 10-10-47;----; Vt.	6 daughters---	9	7,682	5.5	422
Sire, 335248; dam, 1079717.	6 dams--------	28	7,738	5.2	402
Herd Owner, Pasture Hill Farm, Woodstock.	Difference----	(4-5-4)	- 56	+.3	+20
VIOLA'S FAMOUS LAD 414081----------	10 daughters--	12	6,414	5.6	360
Born, 6-18-40; proved, 10-22-47;----; Pa.	9 daughters---	10	6,350	5.6	356
Sire, 389486; dam, 1173951.	9 dams--------	48	7,517	5.5	413
Herd Owner, W. I. Blake, Mercer.	Difference----	(4-5-1)	-1,167	+.1	-57
VOLUNTEER CATILLON PLAYBOY 375211----------	14 daughters--	30	7,598	5.8	439
Born, 4-4-36; proved, 10-27-47;----; Wash.	9 daughters---	22	7,977	5.9	468
Sire, 368059; dam, 840713.	9 dams--------	20	8,384	5.2	433
Herd Owner, J. J. Eason, Bellingham.	Difference----	(3-8-4)	-407	+.7	+35
WONGERFUL KING AUTUMN 379540----------	7 daughters---	13	7,386	5.3	394
Born, 2-11-37; proved, 10-8-47;----; Pa.	6 daughters---	11	7,291	5.4	390
Sire, 367164; dam, 1065219.	6 dams--------	17	7,464	4.9	368
Herd Owner, Hyllmede Farm, Beaver.	Difference----	(3-4-3)	-173	+.5	+22
ZANTHRA OF OZ 396796----------	9 daughters---	15	8,806	5.7	502
Born, 10-20-38; proved, 10-8-47;----; Kans.	7 daughters---	12	8,649	5.7	492
Sire, 285595; dam, 1090710.	7 dams--------	30	8,089	5.7	459
Herd Owner, John Craig Oswald, Hutchinson.	Difference----	(5-4-5)	+560	.0	+33
13-A0291 (DHIA EARTAG)----------	22 daughters--	56	6,033	4.9	298
Born, ----; proved, 10-21-47; dead; Vt.	7 daughters---	18	6,087	5.1	312
Sire, ----; dam, ----.	7 dams--------	17	6,654	5.0	332
Herd Owner, Carroll C. Stanley & Son, Enosburg Falls.	Difference----	(3-5-4)	-567	+.1	-20
13-D3437 (DHIA EARTAG)----------	7 daughters---	8	6,078	4.5	273
Born, ----; proved, 10-21-47;----; Vt.	5 daughters---	5	5,507	4.7	257
Sire, ----; dam, ----.	5 dams--------	12	7,199	4.5	321
Herd Owner, Ray Wetherby, Richford.	Difference----	(1-3-2)	-1,692	+.2	-64
23-R5345 (DHIA EARTAG)----------	6 daughters---	6	5,900	5.3	315
Born, ----; proved, 10-31-47;----; Pa.	6 dams--------	13	6,009	4.8	288
Sire, ----; dam, ----.	Difference----	(2-6-2)	-109	+.5	+27
Herd Owner, Frank C. Brown, Slippery Rock.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
23-M5528 (DHIA EARTAG)	7 daughters	9	7,522	4.8	364
Born, ----; proved, 10-29-47;----; Pa.	7 dams	28	7,803	5.2	407
Sire, ----; dam, ----.	Difference	(3-2-2)	-281	-.4	-43
Herd Owner, Alleghany County Workhouse, Blawnox.					
63-6517 (DHIA EARTAG)	6 daughters	19	5,764	4.6	262
Born, ----; proved, 10-30-47;----; Tenn.	5 daughters	15	5,905	4.7	275
Sire, ----; dam, ----.	5 dams	24	6,337	4.4	278
Herd Owner, Warwick Brothers, Corryton.	Difference	(2-3-2)	-432	+.3	- 3

SHORTHORN SIRES

BROOKLYN ROYAL 1859065	10 daughters	13	7,244	4.1	299
Born, 11-6-35; proved, 10-23-47;----; Iowa.	7 daughters	9	7,099	4.1	288
Sire, 1745580; dam, 1649452.	7 dams	17	8,176	4.1	337
Herd Owner, Roy Muchmore, Rowley.	Difference	(1-3-1)	-1,077	.0	-49
EDGEWOOD ECHO 1788064	8 daughters	17	7,601	4.0	306
Born, 12-22-33; proved, 10-22-47;----; Iowa.	5 daughters	5	7,886	4.1	320
Sire, 1699959; dam, 1472095.	5 dams	10	7,838	4.0	312
Herd Owner, Harry & Ralph Clampitt, New Providence.	Difference	(2-3-3)	+ 48	+.1	+ 8
KNIGHT'S GENERAL 1555854	21 daughters	64	7,444	3.7	278
Born, 2-7-28; proved, 10-22-47;----; Pa.	6 daughters	14	6,470	3.7	238
Sire, 1293042; dam, 1286688.	6 dams	24	8,081	3.5	281
Herd Owner, J. R. & George W. Ebner, Muncy.	Difference	(2-4-3)	-1,611	+.2	-43
NERALCAM CAVALIER 1837076	8 daughters	17	6,986	3.8	265
Born, 8-24-34; proved, 10-23-47;----; Maine.	7 daughters	16	7,152	3.9	276
Sire, 1760596; dam, 1823687.	7 dams	24	5,537	3.9	216
Herd Owner, Charles Noyes, Berwick.	Difference	(7-2-6)	+1,615	.0	+60
PEARL DUKE 1814867	11 daughters	14	7,333	3.7	273
Born, 10-1-34; proved, 10-27-47;----; Kans.	6 daughters	9	6,999	3.7	256
Sire, 1722447; dam, 1733709.	6 dams	12	5,064	3.9	197
Herd Owner, W. A. Lewis, Cullison.	Difference	(5-2-5)	+1,935	-.2	+59
ROYAL DAIRYMAN 1525650	18 daughters	48	6,802	3.6	244
Born, 2-23-28; proved, 10-22-47;----; Pa.	7 daughters	23	6,820	3.6	244
Sire, 1383061; dam, 1061561.	7 dams	20	7,636	3.8	290
Herd Owner, J. R. & George W. Ebner, Muncy.	Difference	(3-1-3)	-816	-.2	-46

AMERICAN DAIRY CATTLE CLUB SIRES

MOUNT HOPE HORIZON 10	15 daughters	34	11,117	4.2	467
Born, 9-26-34; proved, 10-7-47;----; N. Y.	5 daughters	11	11,556	4.1	474
Sire, ----; dam, 73.	5 dams	13	13,114	4.0	528
Herd Owner, John D. Rockefeller, Jr., Tarrytown.	Difference	(2-3-2)	-1,558	+.1	-54

CLOVE VALLEY DUOBESS LARRY 901
(This sire is also a registered Holstein "Clove Valley Duobess Larry 772531." Proved Sire data included in Holstein listing.)

NEGAHNING ORMSBY FAYNE ALCARTRA 9
(This sire is also a registered Holstein "Negahning Ormsby Fayne Alcartra 725857." Proved Sire data included in Holstein listing.)

ONA CLOTHILDE MADAKERK 459
(This sire is also a registered Holstein "Ona Clothilde Madakerk 772371." Proved Sire data included in Holstein listing.)

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Dairy-Herd-Improvement Association Letter Vol. 23, No. 12

December 1947

1947 DHIA PROVED SIRE LIST AVAILABLE

The eleventh printed list of sires proved in dairy-herd improvement associations is now available for distribution. The list includes data on 725 sires whose proved-sire records were tabulated or retabulated by the Division of Dairy Herd Improvement Investigations during the calendar year 1946.

Copies of the 1947 proved-sire list are being mailed to the same list of names and addresses to which the dairy-herd-improvement-association letter is sent each month, so if you receive a copy of this letter through the mail you should also receive a copy of the proved sire list and it will not be necessary for you to request a copy. If you receive several copies of the DHIA Letter each month, for redistribution, you will also receive the same number of copies of the proved-sire list for redistribution.

However, to insure wide distribution of the proved-sire list, county agents and DHIA supervisors are urged to tell the members of their associations and other dairy farmers that any interested person can obtain a copy by writing to the Bureau of Dairy Industry, U. S. Department of Agriculture, Washington 25, D. C. Ask for a copy of the 1947 proved-sire list. Copies of previous lists may also be obtained by addressing a request to the Bureau of Dairy Industry.

DHIA PROVED-SIRE RECORDS TABULATED IN NOVEMBER 1947

Following is a list of 309 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in November 1947. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 10 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the association is listed as the owner.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fa (poun
ADDIE'S SHELIA BOY 67482----------	7 daughters---	8	8,987	3.7	3
Born, 9-16-40; proved, 11-13-47;----; Ohio.	7 dams--------	14	8,230	3.7	3
Sire, 53831; dam, 191635.	Difference----	(5-5-4)	+757	.0	+
Herd Owner, Everett Bump, Marysville.					
AL-TAR-AYR FARMS' HOMESTEADER 64254----------	8 daughters---	10	10,421	4.1	4
Born, 5-2-40; proved, 11-25-47;----; N. Y.	8 dams--------	30	9,937	4.0	3
Sire, 59226; dam, 144854.	Difference----	(5-5-5)	+484	+.1	+
Herd Owner, Dr. A. J. Tarr, Waterloo.					
ASH GROVE VALENTINE 67183----------	5 daughters---	5	7,848	3.8	3
Born, 2-14-41; proved, 11-21-47;----; Iowa.	5 dams--------	20	9,862	4.2	4
Sire, 51174; dam, 176529.	Difference----	(1-1-1)	-2,014	-.4	-1
Herd Owner, Myron & Richard Sears, Grinnell.					
AYRENO LAD 58701----------	6 daughters---	10	7,482	4.2	3
Born, 11-10-37; proved, 11-25-47;----; Kans.	6 dams--------	23	7,287	4.3	3
Sire, 46596; dam, 147337.	Difference----	(3-2-2)	+195	-.1	+
Herd Owner, Chester L. Hendershot & Sons, Hutchinson.					
BARLOW'S BRIGHT STAR 69315----------	6 daughters---	6	8,712	3.9	3
Born, 3-11-41; proved, 11-13-47;----; Ohio.	6 dams--------	29	8,075	4.1	3
Sire, 59240; dam, 141499.	Difference----	(5-1-2)	+637	-.2	+
Herd Owner, L. M. Betts, Wilmington.					
BAY STATE GRANDEUR 59339----------	7 daughters---	16	9,756	4.0	3
Born, 5-30-38; proved, 11-3-47;----; Mass.	5 daughters---	12	9,312	3.9	3
Sire, 54761; dam, 109077.	5 dams--------	14	8,527	3.7	3
Herd Owner, Westfield State Sanatorium, Westfield.	Difference----	(3-5-3)	+785	+.2	+
BOQUET'S MAN 63989----------	6 daughters---	9	7,597	4.1	3
Born, 11-4-39; proved, 11-13-47; dead; Nebr.	5 daughters---	8	7,594	4.1	3
Sire, 53441; dam, 150268.	5 dams--------	11	8,554	3.9	3
Herd Owner, Ernest W. Hageman, Ithaca.	Difference----	(1-4-1)	-960	+.2	-
BOY BLUE'S NIFTY BOY 71988----------	5 daughters---	5	12,086	3.8	4
Born, 9-8-41; proved, 11-5-47;----; Ohio.	5 dams--------	14	10,090	4.0	4
Sire, 58319; dam, 156458.	Difference----	(5-2-4)	+1,996	-.2	+
Herd Owner, A. N. Brenneman, Lima.					
BRODHEAD JAKE 71089----------	18 daughters--	25	6,017	3.9	2
Born, 3-15-38; proved, 11-28-47;----; N. Y.	17 daughters--	24	6,013	3.9	2
Sire, 46464; dam, 184351.	17 dams-------	88	7,366	4.0	2
Herd Owner, Charles L. Allen, Kingston.	Difference----	(1-8-2)	-1,353	-.1	-
BRYNDUNE ACE SYMBOL 66738----------	9 daughters---	10	8,898	4.4	3
Born, 1-10-41; proved, 11-13-47;----; Calif.	8 daughters---	9	8,912	4.5	3
Sire, 56325; dam, 157142.	8 dams--------	23	8,995	4.4	3
Herd Owner, Leslie C. Miller, Sebastopol.	Difference----	(4-4-4)	- 83	+.1	-
CAROLINA'S JUBILO 60025----------	10 daughters--	19	8,645	4.0	3
Born, 8-2-38; proved, 11-24-47; dead; N. C.	10 dams-------	41	8,849	4.2	3
Sire, 52000; dam, 106634.	Difference----	(4-2-3)	-204	-.2	-
Herd Owner, Central Experiment Station, Raleigh.					
CREST VIEW DOUGLAS 55435----------	5 daughters---	6	8,587	4.1	3
Born, 11-23-36; proved, 11-5-47;-----; Ohio.	5 dams--------	15	8,046	3.7	2
Sire, 48789; dam, 116765.	Difference----	(2-4-4)	+541	+.4	+
Herd Owner, G. B. McConnell, Wellington.					
DEERPATH GAY MORN, IMP. 57593----------	6 daughters---	9	9,027	4.0	3
Born, 11-2-37; proved, 11-6-47;----; Ill.	5 daughters---	8	8,467	4.1	3
Sire, 57589; dam, 197466.	5 dams--------	15	10,075	4.0	4
Herd Owner, Deerpath Farm, Lake Forest.	Difference----	(0-4-0)	-1,608	+.1	-
DESERT CREST'S RADIANCE 60168----------	10 daughters--	15	7,909	4.1	3
Born, 10-8-38; proved, 11-28-47;----; Iowa.	7 daughters---	12	7,405	4.1	3
Sire, 57555; dam, 144425.	7 dams--------	12	5,965	4.3	2
Herd Owner, Merritt B. Cook, Nemaha.	Difference----	(5-3-4)	+1,440	-.2	+

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DUNSHIRE BLEND 69253	7 daughters	12	8,627	4.0	345
Born, 7-16-39; proved, 11-14-47;----; N. Y.	7 dams	19	8,826	4.0	354
Sire, 51990; dam, 176597.	Difference	(3-4-3)	-199	.0	- 9
Herd Owner, Dawnwood Farm, Amenia.					
FOREST VU STAR HOMER 67114	7 daughters	7	8,845	4.2	375
Born, 4-23-41; proved, 11-28-47;----; Md.	7 dams	19	9,235	4.0	372
Sire, 61693; dam, 186842.	Difference	(3-5-2)	-390	+.2	+ 3
Herd Owner, William H. Hill & Sons, Woodbine.					
HOLEHOUSE TRUE FORM 59660	19 daughters	30	8,727	4.0	351
Born, 1-6-34; proved, 11-28-47;----; N. Y.	11 daughters	16	8,895	4.1	369
Sire, 31354; dam, 28568.	11 dams	20	9,859	4.1	405
Herd Owner, Good Hope Farm, Old Chatham.	Difference	(4-5-5)	-964	.0	-36
LIPPITT GENTLE LAD 58984	15 daughters	24	6,844	3.6	248
Born, 5-3-38; proved, 11-3-47; dead; Va.	15 dams	66	6,691	3.9	261
Sire, 47977; dam, 143917.	Difference	(8-1-5)	+153	-.3	-13
Herd Owner, F. D. Griffith, Brandy.					
LIPPITT PETER SPOOKS 57851	23 daughters	42	8,345	3.9	327
Born, 12-8-37; proved, 11-7-47;----; Mass.	19 daughters	31	8,138	3.9	318
Sire, 47977; dam, 113443.	19 dams	74	9,593	3.9	375
Herd Owner, Howard Hepburn, Sunderland.	Difference	(2-10-4)	-1,455	.0	-57
PENSHURST GREAT GIFT 59186	10 daughters	13	7,466	4.5	338
Born, 5-22-38; proved, 11-3-47;----; Pa.	10 dams	30	7,730	4.1	315
Sire, 50792; dam, 105921.	Difference	(4-8-6)	-264	+.4	+23
Herd Owner, J. Norton Kruger Estate, Carlisle.					
PICTOU LADDIE, IMP. 67394	7 daughters	7	9,197	4.0	364
Born, 10-15-40; proved, 11-25-47;----; N. Y.	5 daughters	5	9,575	3.9	370
Sire, 67393; dam, 245372.	5 dams	8	8,664	4.1	359
Herd Owner, Bartlett's Ayrshire Farm, Lockport.	Difference	(2-0-1)	+911	-.2	+11
PINEHURST RIGHT V. 60127	5 daughters	5	8,733	4.2	363
Born, 10-5-38; proved, 11-10-47;----; N. H.	5 dams	20	10,186	4.3	438
Sire, 34381; dam, 152179.	Difference	(1-2-1)	-1,453	-.1	-75
Herd Owner, Crystal Spring Farm, East Concord.					
POPPY'S GRAY DELIGHT 68921	13 daughters	17	8,159	4.0	326
Born, 9-18-40; proved, 11-28-47;----; Md.	13 dams	36	7,889	4.1	320
Sire, 49137; dam, 182775.	Difference	(8-5-8)	+270	-.1	+ 6
Herd Owner, Gilbert J. Perry, Baltimore.					
ROSELAWN PREDOMINANT (TWIN) 69520	5 daughters	6	6,813	4.3	295
Born, 10-25-41; proved, 11-14-47; alive; N. Y.	5 dams	16	8,723	4.1	354
Sire, 50792; dam, 122648.	Difference	(1-3-1)	-1,910	+.2	-59
Herd Owner, Galway Farms, Galway.					
SPRINGBURN CHURCHILL, IMP. 69812	14 daughters	19	6,528	3.7	242
Born, 6-20-41; proved, 11-24-47;----; Md.	14 dams	44	6,859	3.9	267
Sire, 62855; dam, 256331.	Difference	(6-5-6)	-331	-.2	-25
Herd Owner, Clover Burn Farm, Middleburg.					
STRATHGLASS BROWN HANOVER 60177	7 daughters	7	5,406	3.9	213
Born, 11-25-38; proved, 11-10-47; dead; N. Y.	7 dams	10	7,375	4.0	295
Sire, 51653; dam, 154421.	Difference	(1-4-1)	-1,969	-.1	-82
Herd Owner, Dan C. Hudson, Fulton.					
STRATHWOLD DOUGLAS MACARTHUR 69372	5 daughters	5	7,877	4.1	326
Born, 9-9-41; proved, 11-7-47; dead; Ohio.	5 dams	23	9,125	4.2	381
Sire, 54848; dam, 180413.	Difference	(1-3-1)	-1,248	-.1	-55
Herd Owner, Charles H. Walters, Circleville.					
SYCAMORE EASTWARD 56719	7 daughters	14	9,870	3.7	369
Born, 6-9-37; proved, 11-10-47;----; Pa.	6 daughters	11	10,152	3.6	370
Sire, 35622; dam, 137916.	6 dams	19	10,797	4.1	438
Herd Owner, Masonic Homes Farms, Elizabethtown.	Difference	(3-0-2)	-645	-.5	-68
SYMBOL OF SOUTH FARM 55416	7 daughters	13	7,809	4.0	316
Born, 9-13-36; proved, 11-7-47;----; Ohio.	5 daughters	9	8,135	4.0	327
Sire, 50190; dam, 84388.	5 dams	14	10,143	4.0	404
Herd Owner, Mr. & Mrs. Glen Boyd, Medina.	Difference	(2-3-2)	-2,008	.0	-77
VALMOUNT HEATHER ED 68300	7 daughters	7	10,959	4.4	480
Born, 5-29-41; proved, 11-6-47; alive; N. Y.	6 daughters	6	10,968	4.4	484
Sire, 47020; dam, 161774.	6 dams	18	9,679	4.0	388
Herd Owner, Neils Rask, Duanesburg.	Difference	(4-6-6)	+1,289	+.4	+96
VOTER'S DUKE SANDHILL 59678	14 daughters	16	7,852	4.1	324
Born, 8-18-38; proved, 11-6-47;----; N. Y.	9 daughters	11	7,941	4.1	329
Sire, 44211; dam, 157853.	9 dams	19	8,688	4.3	374
Herd Owner, Ray H. Van Skiver, Canisteo.	Difference	(1-2-1)	-747	-.2	-45

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WESTLEA STAR GAZER 66917	5 daughters	6	9,971	4.4	436
Born, 2-21-41; proved, 11-24-47;----; Wash.	5 dams	19	7,930	4.2	331
Sire, 51656; dam, 151245.	Difference	(5-5-5)	+2,041	+.2	+105
Herd Owner, Rivermoor Ayr. Farm, Rainier.					
WHITPAIN KEYMAN 66658	8 daughters	8	8,261	4.1	338
Born, 2-15-41; proved, 11-13-47;----; Ohio.	7 daughters	7	8,053	4.1	328
Sire, 43060; dam, 183584.	7 dams	14	8,454	4.0	337
Herd Owner, Spring Hollow Farm, Brookville.	Difference	(2-4-4)	-401	+.1	- 9
WOODHULL COBBER 67239	7 daughters	9	8,736	3.8	335
Born, 2-1-41; proved, 11-24-47;----; Kans.	7 dams	37	8,802	4.2	372
Sire, 49301; dam, 189407.	Difference	(2-1-2)	- 66	-.4	-37
Herd Owner, M. D. Dusenbury, Corbin.					
54*A724127 (BANGS OR TB EARTAG)	8 daughters	19	5,769	4.3	246
Born, ----; proved, 11-4-47; dead; W. Va.	6 daughters	12	5,866	4.0	233
Sire, ----; dam, ----.	6 dams	25	8,702	4.1	356
Herd Owner, Sisters of the Good Shepherd, Edgewood.	Difference	(0-2-0)	-2,836	-.1	-123

BROWN SWISS SIRES

ALLYNHURST MARK 49855	9 daughters	14	13,210	3.6	477
Born, 10-7-40; proved, 11-7-47; alive; Wash.	8 daughters	12	13,330	3.6	483
Sire, 40490; dam, 51121.	8 dams	19	11,988	3.9	462
Herd Owner, G. E. Salzman, Chewelah.	Difference	(5-2-4)	+1,342	-.3	+21
BROADVIEW GUY MEX 36451	8 daughters	9	8,263	4.0	332
Born, 8-6-35; proved, 11-25-47;----; Iowa.	6 daughters	7	8,219	3.9	320
Sire, 25700; dam, 23303.	6 dams	12	7,781	4.4	341
Herd Owner, L. S. Van Auken, North English.	Difference	(3-0-3)	+438	-.5	-21
CARRYON OF VANDALIA 41575	11 daughters	22	11,055	4.0	444
Born, 8-5-37; proved, 11-24-47;----; Del.	7 daughters	13	10,884	4.0	433
Sire, 34910; dam, 57961.	7 dams	30	11,047	3.9	433
Herd Owner, J. Frank Rice, Felton.	Difference	(2-4-2)	-163	+.1	0
CLIMAX OF FAIRACRES 50994	12 daughters	12	11,165	4.1	459
Born, 10-9-40; proved, 11-28-47;----; N. J.	9 daughters	9	11,061	4.1	455
Sire, 37399; dam, 60019.	9 dams	32	10,276	4.1	423
Herd Owner, Erwin Bender, Hackettstown.	Difference	(5-6-6)	+785	.0	+32
GERANIUM'S DORA BEAUTY'S PRINCE 41935	10 daughters	10	10,979	3.8	417
Born, 3-14-38; proved, 11-3-47; dead; Minn.	6 daughters	6	11,096	3.8	424
Sire, 34743; dam, 49791.	6 dams	10	9,597	3.5	340
Herd Owner, E. F. Moen, Nashwauk.	Difference	(5-6-5)	+1,499	+.3	+84
LADY ALEXA'S COLLEGE BOY OF LEE'S HILL 32492	5 daughters	7	8,673	4.0	350
Born, 3-5-35; proved, 11-25-47;----; Mass.	5 dams	11	7,414	3.8	279
Sire, 16543; dam, 19466.	Difference	(4-5-5)	+1,259	+.2	+71
Herd Owner, Urban Briggs & Sons, North Brookfield.					
MYRTLE BRUNETTE'S MAJESTY BOY 45435	6 daughters	7	12,149	4.2	516
Born, 5-20-39; proved, 11-7-47;----; Iowa.	6 dams	28	12,057	4.2	510
Sire, 32358; dam, 36778.	Difference	(3-3-4)	+ 92	.0	+ 6
Herd Owner, Mrs. Edith King Pearson, Des Moines.					
OAKLAND IDEAL COLLEGE BOY 51812	7 daughters	9	11,065	4.1	452
Born, 1-2-41; proved, 11-28-47;----; Ill.	7 dams	15	10,149	4.0	405
Sire, 33077; dam, 20844.	Difference	(5-5-5)	+916	+.1	+47
Herd Owner, Goodwin Brothers, Wilmington.					
ROYAL'S BEST MAN OF LEE'S HILL 42518	12 daughters	14	9,263	3.9	364
Born, 10-25-38; proved, 11-3-47;----; Mich.	9 daughters	10	8,701	4.0	352
Sire, 28594; dam, 37276.	9 dams	26	10,034	3.8	383
Herd Owner, Glenn H. Williams, Eaton Rapids.	Difference	(3-7-3)	-1,333	+.2	-31
ROYAL'S STRANGER OF J-A-M 50998	5 daughters	7	9,771	3.7	365
Born, 2-12-41; proved, 11-25-47;----; N. Y.	5 dams	21	9,444	3.9	371
Sire, 43145; dam, 72685.	Difference	(2-2-2)	+327	-.2	- 6
Herd Owner, T. J. Neckers, Clymer.					
SEDGELEY MASTER PRINCE 42044	5 daughters	13	10,018	4.0	396
Born, 2-10-38; proved, 11-7-47;----; Ohio.	5 dams	21	10,024	4.2	416
Sire, 20286; dam, 41652.	Difference	(3-2-1)	- 6	-.2	-20
Herd Owner, W. L. Welsh & Sons, Richwood.					
SUYDAM'S ANGELUS 28549	6 daughters	24	7,439	3.9	291
Born, 8-10-32; proved, 11-24-47;----; Pa.	5 daughters	19	7,313	3.8	280
Sire, 23574; dam, 17777.	5 dams	15	8,127	3.8	312
Herd Owner, A. D. Hunsicker, Collegeville.	Difference	(2-3-1)	-814	.0	-32

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WALHALLA GALLANT BARON 41659----------	8 daughters---	14	9,402	4.0	380
Born, 2-7-38; proved, 11-28-47;----; Ohio.	5 daughters---	8	9,111	4.1	370
Sire, 17460; dam, 57853.	5 dams--------	6	9,903	3.8	381
Herd Owner, Frank Riff, Waynesfield.	Difference----	(1-3-3)	-792	+.3	-11
WALHALLA SCATTERGOOD BARON 41662----------	8 daughters---	15	10,485	4.0	423
Born, 7-4-38; proved, 11-21-47;----; Iowa.	8 dams--------	37	8,318	4.1	340
Sire, 17460; dam, 47384.	Difference----	(6-5-6)	+2,167	-.1	+83
Herd Owner, Elmer E. Muesman, Vinton.					

GUERNSEY SIRES

AUTOCRAT OF RICHLAND FARMS 240144----------	9 daughters---	13	8,022	4.5	362
Born, 2-13-36; proved, 11-3-47;----; Mich.	5 daughters---	7	6,644	4.8	316
Sire, 199065; dam, 318925.	5 dams--------	15	8,512	4.4	373
Herd Owner, Upjohn Richland Farms, Richland.	Difference----	(1-4-2)	-1,868	+.4	-57
BENTON'S MARK TWAIN 244227----------	13 daughters--	28	6,655	4.7	315
Born, 3-21-36; proved, 11-28-47;----; Va.	12 daughters--	26	6,719	4.7	319
Sire, 160258; dam, 453152.	12 dams-------	48	6,582	4.9	325
Herd Owner, Fay K. Koiner & Son, Waynesboro.	Difference----	(6-4-4)	+137	-.2	- 6
BENTON'S NEW HOPE 237153----------	23 daughters--	49	7,856	4.8	378
Born, 11-3-35; proved, 11-6-47; dead; Va.	10 daughters--	23	8,085	4.8	389
Sire, 160258; dam, 395872.	10 dams-------	26	8,114	4.7	378
Herd Owner, Mrs. E. B. Agnew & Sons, Burkeville.	Difference----	(6-7-5)	- 29	+.1	+11
BLAKEFORD FEARLESS 269399----------	13 daughters--	21	8,920	4.9	433
Born, 1-30-39; proved, 11-5-47;----; Md.	8 daughters---	13	8,729	5.0	432
Sire, 216197; dam, 406945.	8 dams--------	27	9,211	4.7	429
Herd Owner, William N. Foard, White Hall.	Difference----	(5-7-4)	-482	+.3	+ 3
BRIAN BORU CONTEMPTIBLE 289035----------	5 daughters---	7	8,140	4.9	397
Born, 5-13-40; proved, 11-24-47;----; N. J.	5 dams--------	15	8,199	4.8	395
Sire, 202806; dam, 415956.	Difference----	(4-3-4)	- 59	+.1	+ 2
Herd Owner, Locust Lane Farm, Medford.					
BROOKSIDE'S PLAY BOY 239699----------	13 daughters--	37	7,002	4.9	342
Born, 3-18-36; proved, 11-25-47;----; Pa.	12 daughters--	33	6,963	4.9	338
Sire, 205839; dam, 421810.	12 dams-------	35	7,275	4.6	336
Herd Owner, Chalmers P. Means, Shippensburg.	Difference----	(4-9-5)	-312	+.3	+ 2
BUR-PET WILLIAM 239324----------	7 daughters---	9	6,851	5.2	355
Born, 12-13-35; proved, 11-25-47;----; Wis.	6 daughters---	7	6,896	5.1	350
Sire, 212997; dam, 100660.	6 dams--------	25	6,582	4.9	319
Herd Owner, Harry Klitzkie, Whitewater.	Difference----	(4-4-3)	+314	+.2	+31
CECIL OF PLEASANT VIEW 242307----------	8 daughters---	8	8,985	4.7	420
Born, 5-29-36; proved, 11-28-47;----; Ill.	6 daughters---	6	8,838	4.7	417
Sire, 216104; dam, 277873.	6 dams--------	6	8,988	5.2	464
Herd Owner, Thomas McLuckie, Coal City.	Difference----	(3-2-2)	-150	-.5	-47
CHUCKANUT TRUMAN 271710----------	9 daughters---	12	9,925	4.9	483
Born, 11-16-38; proved, 11-28-47;----; Idaho.	8 daughters---	11	9,506	5.0	474
Sire, 251892; dam, 438505.	8 dams--------	23	8,907	4.9	437
Herd Owner, Harold A. Steele, Gooding.	Difference----	(4-5-5)	+599	+.1	+37
CURLES AMBITION 237600----------	10 daughters--	24	6,092	4.8	294
Born, 4-20-36; proved, 11-5-47;----; Va.	8 daughters---	19	6,139	4.8	294
Sire, 170706; dam, 337268.	8 dams--------	32	6,420	4.8	309
Herd Owner, Curles Neck Farm, Richmond.	Difference----	(2-3-2)	-281	.0	-15
DONAVAN OF TAMARACK RIDGE 270408----------	8 daughters---	10	9,014	4.6	415
Born, 1-24-39; proved, 11-10-47;----; Mich.	6 daughters---	8	8,809	4.6	407
Sire, 209639; dam, 501475.	6 dams--------	12	9,292	4.5	417
Herd Owner, W. K. Kellogg Farms, Augusta.	Difference----	(3-5-3)	-483	+.1	-10
DUKE'S LAD OF HILLSIDE 229881----------	7 daughters---	20	8,630	4.9	420
Born, 3-4-35; proved, 11-5-47;----; Pa.	5 daughters---	14	7,814	4.8	375
Sire, 162254; dam, 274092.	5 dams--------	27	8,232	4.7	387
Herd Owner, Clarence E. Witmer, Dalmatia.	Difference----	(1-3-2)	-418	+.1	-12
DURKEE'S LUCKY STAR 269117----------	19 daughters--	37	8,407	5.1	426
Born, 10-26-38; proved, 11-7-47;----; Mich.	9 daughters---	16	7,936	5.0	394
Sire, 226201; dam, 465481.	9 dams--------	21	8,099	4.8	390
Herd Owner, Theodore Gosper & Son, Belding.	Difference----	(4-5-4)	-163	+.2	+ 4
ELMWOOD FARMS MAJOR'S MASTER 280604----------	15 daughters--	21	7,773	5.2	403
Born, 8-24-39; proved, 11-10-47;----; N. Y.	12 daughters--	17	7,765	5.2	402
Sire, 214348; dam, 427826.	12 dams-------	54	7,318	5.3	386
Herd Owner, Clayton G. White, Stow.	Difference----	(7-5-6)	+447	-.1	+16

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
EMERALD DANDY 270367----------	7 daughters---	15	6,596	4.8	316
Born, 3-29-38; proved, 11-5-47; dead; Iowa.	7 dams--------	23	7,550	5.0	375
Sire, 232246; dam, 517673.	Difference----	(2-2-1)	-954	-.2	-59
Herd Owner, B. G. Berkeland, Fenton.					
GERTRUDE'S COURAGEOUS OF E. C. 231535----------	10 daughters--	16	7,237	4.5	325
Born, 5-6-35; proved, 11-5-47;----; W. Va.	7 daughters---	12	7,109	4.4	311
Sire, 81810; dam, 250867.	7 dams--------	19	7,741	4.6	356
Herd Owner, Crickette Farm, Ronceverte.	Difference----	(2-2-2)	-632	-.2	-45
GOLDEN LADDIE OF ELGERCON 237770----------	11 daughters--	16	6,777	4.6	312
Born, 1-22-36; proved, 11-21-47;----; Mich.	10 daughters--	15	6,772	4.6	313
Sire, 196292; dam, 324334.	10 dams-------	22	7,810	4.5	350
Herd Owner, William & Carrie Cain, Nashville.	Difference----	(4-6-4)	-1,038	+.1	-37
GRASSLAND PAUL 269827----------	12 daughters--	18	7,974	4.4	350
Born, 1-13-39; proved, 11-7-47;----; Conn.	10 daughters--	15	8,312	4.4	363
Sire, 195677; dam, 441120.	10 dams-------	52	7,671	4.8	372
Herd Owner, Twin Wing Farm, Putnam.	Difference----	(7-0-5)	+641	-.4	- 9
GREYHOLME VALIANT SENOR 269019----------	6 daughters---	6	8,253	4.6	384
Born, 8-8-38; proved, 11-3-47; dead; Conn.	5 daughters---	5	7,949	4.7	374
Sire, 206532; dam, 385031.	5 dams--------	9	8,460	4.9	414
Herd Owner, Oliver D. Tuller, West Simsbury.	Difference----	(1-1-2)	-511	-.2	-40
HIGHLAND PLACE WONDER'S SECRET 239302----------	12 daughters--	28	6,517	5.0	326
Born, 2-2-36; proved, 11-25-47;----; Iowa.	6 daughters---	14	6,569	5.0	325
Sire, 204872; dam, 331466.	6 dams--------	25	6,127	4.5	273
Herd Owner, H. K. & Erwin Kuhlman, Hubbard.	Difference----	(4-5-5)	+442	+.5	+52
HILLTOP MAROSE LAD 200080----------	16 daughters--	35	8,554	4.8	412
Born, 11-14-31; proved, 11-3-47; dead; Iowa.	8 daughters---	20	9,244	4.6	426
Sire, 175705; dam, 268481.	8 dams--------	32	8,411	4.6	388
Herd Owner, Lakeside Farm, Marion.	Difference----	(5-5-5)	+833	.0	+38
KENFLEUR'S ALERT LADDIE 301080----------	7 daughters---	9	10,022	4.7	472
Born, 12-26-40; proved, 11-25-47;----; Iowa.	6 daughters---	8	10,042	4.6	466
Sire, 198651; dam, 384059.	6 dams--------	22	9,817	4.9	483
Herd Owner, O. R. Bentley & Son, Ames.	Difference----	(4-3-3)	+225	-.3	-17
KENFLEUR'S GREAT ALERT 319263----------	5 daughters---	5	6,728	4.9	327
Born, 11-13-41; proved, 11-7-47; dead; Iowa.	5 dams--------	10	7,103	5.0	354
Sire, 198651; dam, 384059.	Difference----	(2-1-2)	-375	-.1	-27
Herd Owner, W. A. Marshman, Ellsworth.					
LANGWATER ALERT 236364----------	26 daughters--	35	8,859	4.9	433
Born, 3-22-35; proved, 11-7-47;----; Md.	19 daughters--	25	8,998	4.9	444
Sire, 98719; dam, 266755.	19 dams-------	31	9,643	5.0	486
Herd Owner, Mount Ararat Farms, Port Deposit.	Difference----	(6-9-6)	-645	-.1	-42
LANGWATER COLUMBUS 236365----------	14 daughters--	20	8,943	4.5	401
Born, 8-25-35; proved, 11-3-47;----; Mich.	12 daughters--	18	8,784	4.5	396
Sire, 217317; dam, 400414.	12 dams-------	36	9,217	4.8	441
Herd Owner, W. H. Eichhauer, Monroe.	Difference----	(5-3-4)	-433	-.3	-45
LASSIE'S VIOLET'S HUNTER 268674----------	11 daughters--	23	8,138	4.7	380
Born, 10-3-38; proved, 11-28-47;----; Pa.	11 dams-------	53	8,960	5.3	472
Sire, 221963; dam, 487175.	Difference----	(4-1-0)	-822	-.6	-92
Herd Owner, E. H. De Vilder, Clarion.					
LIBERTY'S LAD OF PRAIRIE RANCH 270385----------	9 daughters---	19	7,578	4.4	330
Born, 2-17-37; proved, 11-14-47;----; Wis.	7 daughters---	16	7,597	4.3	330
Sire, 217727; dam, 428137.	7 dams--------	23	7,738	4.6	354
Herd Owner, Carl Wichern, Baraboo.	Difference----	(4-2-2)	-141	-.3	-24
LOCKSHORE CRYSTAL COMBINATION 270729----------	7 daughters---	12	7,585	4.8	368
Born, 2-2-39; proved, 11-14-47;----; Mich.	6 daughters---	11	7,480	4.7	355
Sire, 194628; dam, 459247.	6 dams--------	22	7,349	4.8	355
Herd Owner, Eugene Brower, Zeeland.	Difference----	(3-3-3)	+131	-.1	0
LOMA RILMA'S KING ITCHEN 232097----------	6 daughters---	8	7,849	4.6	359
Born, 8-15-35; proved, 11-3-47;----; Mich.	6 dams--------	19	7,673	4.8	365
Sire, 186654; dam, 228136.	Difference----	(4-2-4)	+176	-.2	- 6
Herd Owner, Vincent Fitzgerald, Richmond.					
MAY KING'S GIPPY OLIVER 232520----------	22 daughters--	50	6,456	5.1	329
Born, 9-29-35; proved, 11-13-47; dead; Va.	15 daughters--	36	6,627	5.1	335
Sire, 90306; dam, 317365.	15 dams-------	28	7,309	4.9	360
Herd Owner, George W. Palmer, Green Bay.	Difference----	(6-11-5)	-682	+.2	-25
MCDONALD FARMS DEBENTURE 270861----------	8 daughters---	12	7,033	4.7	330
Born, 10-23-38; proved, 11-5-47;----; Conn.	8 dams--------	15	9,583	4.6	442
Sire, 212939; dam, 349034.	Difference----	(2-4-2)	-2,550	+.1	-112
Herd Owner, Golden Harvest Farm, Bridgewater.					

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MCDONALD FARMS FAIR LAD 293524----------	7 daughters---	9	9,191	4.4	403
Born, 4-17-40; proved, 11-10-47; alive; Iowa.	7 dams--------	21	7,817	4.6	356
Sire, 262516; dam, 628377.	Difference----	(7-3-5)	+1,374	-.2	+47
Owner, Eastern Iowa A. B. A., Inc.					
MEADOW-GOLD DUKE'S PATTERN 236104----------	6 daughters---	11	7,782	4.9	380
Born, 12-12-35; proved, 11-25-47;----; Mich.	6 dams--------	17	9,400	4.5	424
Sire, 212815; dam, 380022.	Difference----	(1-5-0)	-1,618	+.4	-44
Herd Owner, Dr. L. F. Cobb, Goodrich.					
MIDVIEW'S ACTON 271622----------	8 daughters---	11	7,213	5.0	357
Born, 10-6-38; proved, 11-24-47;----; Va.	5 daughters---	6	7,521	4.8	363
Sire, 217764; dam, 564879.	5 dams--------	8	7,412	5.1	377
Herd Owner, A. Mistr & Sons, Richmond.	Difference----	(1-1-1)	+109	-.3	-14
MOBJACK BUTTER BOY 238678----------	57 daughters--	82	7,411	4.7	351
Born, 4-19-36; proved, 11-24-47;----; Va.	34 daughters--	45	7,273	4.8	349
Sire, 199862; dam, 401090.	34 dams-------	63	5,918	4.5	269
Herd Owner, Philip W. Murray, Morrison.	Difference----	(27-27-28)	+1,355	+.3	+80
OLD FARMSTEAD AMOS 270075----------	10 daughters--	15	8,964	4.9	437
Born, 9-18-38; proved, 11-21-47;----; Iowa.	10 dams-------	46	8,835	4.9	432
Sire, 206843; dam, 417342.	Difference----	(7-7-5)	+129	.0	+ 5
Herd Owner, Homer S. Fike, Waterloo.					
PARAMOUNT SQUIRES'S SIR RAYMOND 269870----------	10 daughters--	15	6,816	5.1	345
Born, 2-9-38; proved, 11-3-47;----; Kans.	10 dams-------	38	8,250	5.1	421
Sire, 206588; dam, 207979.	Difference----	(2-6-2)	-1,434	.0	-76
Herd Owner, Feese Paramount Dairy, Parsons.					
PENN VILLA'S VAN BUREN 244116----------	11 daughters--	27	8,885	4.8	428
Born, 10-23-36; proved, 11-5-47;----; Pa.	10 daughters--	24	8,551	4.8	413
Sire, 206454; dam, 404024.	10 dams-------	59	10,567	4.6	484
Herd Owner, Dundee Farm, Sewickley.	Difference----	(1-9-1)	-2,016	+.2	-71
QUAIL ROOST MAXIM'S MEDFORD 237634----------	11 daughters--	23	8,431	4.6	388
Born, 12-6-35; proved, 11-3-47; alive; N. C.	6 daughters---	14	7,934	4.7	372
Sire, 104016; dam, 308203.	6 dams--------	11	7,624	4.4	335
Herd Owner, M. D. McNaughton, Hendersonville.	Difference----	(4-4-5)	+310	+.3	+37
RAEMELTON GOLDEN HERITOR 237816----------	7 daughters---	13	6,939	5.0	350
Born, 10-22-35; proved, 11-24-47;----; Wis.	7 dams--------	29	7,437	4.9	364
Sire, 139827; dam, 370574.	Difference----	(2-5-5)	-498	+.1	-14
Herd Owner, Martin J. Hoppert, Sheboygan.					
REBECCA'S REX LETSDOBETTER 243552----------	7 daughters---	12	8,411	4.6	387
Born, 2-23-35; proved, 11-10-47;----; Ind.	5 daughters---	9	8,344	4.7	396
Sire, 163238; dam, 343716.	5 dams--------	5	8,408	5.2	437
Herd Owner, Wayne Grossman, Argos.	Difference----	(4-0-1)	- 64	-.5	-41
REX'S LADDIE'S REX 268921----------	13 daughters--	23	6,107	4.8	291
Born, 6-7-35; proved, 11-5-47; dead; Mo.	6 daughters---	8	5,361	4.8	260
Sire, 197322; dam, 441815.	6 dams--------	10	6,656	4.7	310
Herd Owner, R. W. Arnold & Son, Alexandria.	Difference----	(2-3-2)	-1,295	+.1	-50
ROSE'S CHAMPION OF W. V. 210415----------	19 daughters--	55	8,783	4.7	417
Born, 2-26-33; proved, 11-10-47;----; Pa.	11 daughters--	41	8,770	4.8	419
Sire, 206906; dam, 273407.	11 dams-------	51	8,776	4.9	433
Herd Owner, Robert Hamilton & Sons, Washington.	Difference----	(7-5-5)	- 6	-.1	-14
SHAWNEE SPRINGS RAMBLER 316875----------	9 daughters---	9	8,450	5.0	425
Born, 2-14-41; proved, 11-24-47;----; Mich.	7 daughters---	7	8,431	5.1	434
Sire, 160703; dam, 545967.	7 dams--------	12	8,374	4.6	387
Herd Owner, William Dale Turner, Hemlock.	Difference----	(3-7-5)	+ 57	+.5	+47
SPAR HILL MONARCH 285839----------	7 daughters---	8	7,189	5.3	380
Born, 8-29-39; proved, 11-3-47;----; Minn.	7 dams--------	28	6,189	5.0	310
Sire, 249489; dam, 580283.	Difference----	(5-6-6)	+1,000	+.3	+70
Herd Owner, Homer Goss, Lewiston.					
STAR GIFT'S CAVALIER 238988----------	20 daughters--	32	7,509	4.8	363
Born, 12-15-35; proved, 11-25-47;----; Wis.	17 daughters--	27	7,327	4.8	350
Sire, 207840; dam, 375030.	17 dams-------	44	7,520	4.9	368
Herd Owner, Elmer C. Bock, Malone.	Difference----	(7-7-6)	-193	-.1	-18
SUNNY VALLEY'S RAIDER 269014----------	23 daughters--	29	7,250	4.8	345
Born, 7-19-37; proved, 11-6-47; dead; Conn.	13 daughters--	18	7,492	4.8	358
Sire, 227871; dam, 320363.	13 dams-------	17	7,243	4.3	313
Herd Owner, Frank Calhoun, Cornwall.	Difference----	(6-10-9)	+249	+.5	+45
TILLYBARDIN CHOICE'S CLAYTON 241077----------	22 daughters--	52	7,120	4.8	344
Born, 8-29-36; proved, 11-13-47; ----; Wis.	8 daughters---	21	6,600	4.9	326
Sire, 198841; dam, 349908.	8 dams--------	23	6,738	5.0	335
Herd Owner, J. Frank Bradley & Son, Franksville.	Difference----	(3-5-4)	-138	-.1	- 9

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WILDWOOD HILDA'S DIAMOND 237638	8 daughters	12	8,308	5.1	420
Born, 3-27-36; proved, 11-21-47;----; Ill.	5 daughters	8	7,922	5.1	404
Sire, 153105; dam, 339335.	5 dams	24	9,174	4.4	405
Herd Owner, Charles S. Bogardus, Clinton.	Difference	(0-5-2)	-1,252	+.7	- 1
13*191215A (BANGS OR TB EARTAG)	9 daughters	14	5,637	4.4	247
Born, ----; proved, 11-21-47;----; Vt.	5 daughters	6	5,085	4.5	230
Sire, ----; dam, ----.	5 dams	11	6,598	4.3	281
Herd Owner, Frank H. Mark, Bellows Falls.	Difference	(0-3-0)	-1,513	+.2	-51
35*EC50651 (BANGS OR TB EARTAG)	8 daughters	13	6,824	4.6	312
Born, ----; proved, 11-13-47;----; Wis.	5 daughters	9	6,875	4.4	306
Sire, ----; dam, ----.	5 dams	17	7,345	4.3	318
Herd Owner, Lawrence Luebke, Oshkosh.	Difference	(2-3-2)	-470	+.1	-12

HOLSTEIN SIRES

ADMIRAL BEECHWOOD 8TH 772266	11 daughters	11	12,978	3.4	444
Born, 7-19-38; proved, 11-6-47;----; Wis.	9 daughters	9	12,493	3.5	441
Sire, 708491; dam, 1430754.	9 dams	24	12,204	3.5	431
Herd Owner, William Pamperin & Son, Allenton.	Difference	(6-5-6)	+289	.0	+10
ADMIRAL ORMSBY DELLA 756144	13 daughters	21	8,710	3.5	302
Born, 1-18-38; proved, 11-25-47;----; Wis.	12 daughters	19	8,718	3.5	302
Sire, 735112; dam, 1271718.	12 dams	46	8,300	3.6	296
Herd Owner, George J. Smith, Eldorado.	Difference	(8-4-6)	+418	-.1	+ 6
ADMIRAL VALE ORMSBY 782279	6 daughters	7	12,357	3.5	433
Born, 1-26-38; proved, 11-6-47;----; Wis.	6 dams	16	10,916	3.7	404
Sire, 676723; dam, 2028078.	Difference	(5-1-4)	+1,441	-.2	+29
Herd Owner, Henry Bloy, Forest Junction.					
BARON STAR CREATOR 733830	20 daughters	38	9,624	3.9	376
Born, 1-19-36; proved, 11-24-47;----; Colo.	19 daughters	36	9,588	3.9	377
Sire, 677703; dam, 1603980.	19 dams	95	10,380	3.6	376
Herd Owner, Holland Dairy Co., Colorado Springs.	Difference	(6-18-9)	-792	+.3	+ 1
BAY STATE KNIGHT 713750	21 daughters	30	9,545	3.4	327
Born, 10-9-35; proved, 11-5-47;----; Conn.	12 daughters	18	9,842	3.5	343
Sire, 581580; dam, 1475294.	12 dams	32	9,982	3.3	331
Herd Owner, James Perkins & Sons, Warren.	Difference	(7-9-7)	-140	+.2	+12
BEAUTY DEAN ORMSBY 722859	12 daughters	13	8,439	3.4	285
Born, 10-16-35; proved, 11-24-47;----; Iowa.	5 daughters	6	10,552	3.4	360
Sire, 678377; dam, 1486436.	5 dams	9	9,379	3.4	323
Herd Owner, Kenneth Parker, Lamont.	Difference	(3-2-3)	+1,173	.0	+37
BELLE CREST PROSPECT ORMSBY KING 670710	18 daughters	30	12,094	3.4	416
Born, 9-5-32; proved, 11-26-47;----; N. J.	10 daughters	21	11,979	3.5	420
Sire, 429971; dam, 1254444.	10 dams	26	9,768	3.5	344
Herd Owner, Herman Jones, Blairstown.	Difference	(9-5-10)	+2,211	.0	+76
BURROWMEAD ORMSBY BESSIE KING 766117	9 daughters	25	12,958	3.4	446
Born, 3-12-38; proved, 11-3-47;----; Pa.	7 daughters	17	13,003	3.5	451
Sire, 688265; dam, 1551122.	7 dams	26	13,409	3.3	449
Herd Owner, Pastor Brothers, Rea.	Difference	(3-5-3)	-406	+.2	+ 2
BUSHMONT NAPOL POSCH 738695	21 daughters	53	10,452	3.2	335
Born, 5-5-36; proved, 11-20-47; dead; Pa.	5 daughters	15	10,519	3.2	332
Sire, 702266; dam, 1464110.	5 dams	16	10,996	3.4	374
Herd Owner, T. J. Brown, South Montrose.	Difference	(3-1-2)	-477	-.2	-42
CARNATION GOVERNOR DICTATOR 759581	14 daughters	19	11,684	3.6	417
Born, 10-24-37; proved, 11-6-47; alive; Ill.	12 daughters	17	11,036	3.6	396
Sire, 629472; dam, 1463159.	12 dams	23	12,371	3.5	432
Herd Owner, Hawthorn Farm, Libertyville.	Difference	(5-8-5)	-1,335	+.1	-36
CARNATION JOE HOMESTEAD KING 663353	15 daughters	52	12,964	3.3	433
Born, 4-6-32; proved, 11-7-47; dead; Wash.	8 daughters	25	12,278	3.5	424
Sire, 291065; dam, 1326283.	8 dams	35	14,094	3.3	465
Herd Owner, Treosti's Ville, Carnation.	Difference	(3-6-2)	-1,816	+.2	-41
CARNATION MISTLAND ORMSBY 49TH 734478	8 daughters	14	11,457	3.7	424
Born, 9-24-36; proved, 11-24-47; dead; N. Y.	6 daughters	11	12,009	3.7	442
Sire, 614757; dam, 1126638.	6 dams	10	10,935	3.5	388
Owner, Roy A. Tuttle, King Ferry.	Difference	(4-5-6)	+1,074	+.2	+54
ION PEERLESS COLANTHA 716457	9 daughters	12	9,599	3.5	331
orn, 5-26-35; proved, 11-3-47; dead; Ill.	7 daughters	9	9,773	3.5	338
Sire, 629480; dam, 1326303.	7 dams	20	10,071	3.6	360
Herd Owner, Wondermere Farm, Woodstock.	Difference	(2-3-3)	-298	-.1	-22

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CHIEF PIEBE NINE-O-FIVE COLAN-GERB C W 792696 *(Oct.1946)------	17 daughters--	28	10,704	3.6	389
Born, 11-1-39; proved, 11-28-47; dead; Pa.	14 daughters--	25	10,430	3.6	379
Sire, 444088; dam, 1783652.	14 dams-------	43	12,314	3.5	435
Owner, First Pennsylvania A. B. A.	Difference----	(3-10-4)	-1,884	+.1	-56
CHIEFTAIN MAY SEGIS BURKE 755378----------	6 daughters---	13	12,096	3.4	412
Born, 9-29-37; proved, 11-26-47;----; Minn.	6 dams--------	26	12,616	3.4	429
Sire, 697637; dam, 1518410.	Difference----	(3-4-3)	-520	.0	-17
Herd Owner, Klingsporn & Hassler, Pine Island.					
COLANTHA FOBES NUDINE 652326----------	10 daughters--	39	8,068	3.6	291
Born, 11-13-31; proved, 11-25-47;----; Pa.	5 daughters---	17	7,303	3.5	257
Sire, 544798; dam, 1092491.	5 dams--------	12	9,121	3.4	311
Herd Owner, Max A. Lauffer, Middletown.	Difference----	(2-4-2)	-1,818	+.1	-54
COLANTHA WALKER OLLIE 712054----------	12 daughters--	26	12,007	3.5	419
Born, 10-12-34; proved, 11-6-47; dead; Ill.	8 daughters---	17	12,108	3.5	422
Sire, 673855; dam, 1448306.	8 dams--------	15	10,640	3.5	370
Herd Owner, Mrs. J. R. Wells, Harvard.	Difference----	(7-5-7)	+1,468	.0	+52
COLONEL FOBES LADY INKY 784323----------	9 daughters---	9	10,039	3.6	357
Born, 11-25-38; proved, 11-21-47;----; Wis.	9 dams--------	15	8,511	3.6	307
Sire, 700507; dam, 1876376.	Difference----	(8-5-8)	+1,528	.0	+50
Herd Owner, Nick S. Willems & Sons, Barron.					
COLONY VALE SIR HEILO 3D 786327----------	43 daughters--	91	16,062	3.4	538
Born, 4-29-37; proved, 11-25-47; alive; Calif.	42 daughters--	90	16,127	3.4	541
Sire, 111449 CHB.; dam, 306183 CHB.	42 dams-------	151	13,842	3.4	467
Herd Owner, Arden Farms, Inc., Tipton.	Difference----	(34-24-35)	+2,285	.0	+74
COMMONWEALTH EARLY BOY 766309----------	8 daughters---	11	9,651	3.3	323
Born, 3-13-38; proved, 11-13-47;----; Ky.	7 daughters---	10	9,915	3.3	330
Sire, 742657; dam, 1930788.	7 dams--------	24	10,190	3.4	343
Herd Owner, Heringer Brothers, California.	Difference----	(3-2-2)	-275	-.1	-13
CONNECTICUT PIETJE POWERFUL 714015----------	11 daughters--	16	9,361	3.6	335
Born, 3-27-35; proved, 11-20-47;----; Conn.	9 daughters---	14	9,268	3.6	330
Sire, 493807; dam, 1353099.	9 dams--------	38	10,169	3.5	355
Herd Owner, Arden S. Tanner & Sons, New Preston.	Difference----	(4-6-4)	-901	+.1	-25
CORNELL ORMSBY OLLIE 750239----------	16 daughters--	30	12,529	3.5	439
Born, 7-17-37; proved, 11-24-47; dead; N. Y.	9 daughters---	18	13,583	3.5	469
Sire, 593178; dam, 1562052.	9 dams--------	23	12,514	3.7	466
Herd Owner, Fred W. Hill & Sons, Spencerport.	Difference----	(6-1-7)	+1,069	-.2	+ 3
CORNELL ROYAL BLEND IDEALISTA 775315----------	10 daughters--	16	13,542	3.5	471
Born, 5-5-38; proved, 11-21-47;----; N. Y.	10 dams-------	40	13,126	3.5	453
Sire, 722643; dam, 1594430.	Difference----	(5-6-5)	+416	.0	+18
Herd Owner, William F. Volmer, Akron.					
CRESCENT BEAUTY NETA PRINCE 775251----------	11 daughters--	13	12,446	3.4	417
Born, 9-12-38; proved, 11-26-47;----; Kans.	9 daughters---	11	12,434	3.3	415
Sire, 707767; dam, 1566054.	9 dams--------	21	11,223	3.5	396
Herd Owner, Henry J. Hatesohl, Greenleaf.	Difference----	(6-2-6)	+1,211	-.2	+19
CRUSADER PRILLY 723240----------	10 daughters--	24	11,140	3.3	363
Born, 9-9-35; proved, 11-12-47; dead; Maine.	6 daughters---	13	11,195	3.3	364
Sire, 660559; dam, 1602512.	6 dams--------	14	8,302	3.5	287
Herd Owner, Lola Waterman Siegel, Sabattus.	Difference----	(5-2-5)	+2,893	-.2	+77
DE KOL FAYNE GERBEN KORNDYKE 757537----------	8 daughters---	11	12,058	3.4	416
Born, 1-15-37; proved, 11-10-47;dead ; Ill.	5 daughters---	6	12,820	3.4	435
Sire, 672346; dam, 1771798.	5 dams--------	12	11,170	3.7	409
Herd Owner, Ted T. Matthews, Elmhurst.	Difference----	(4-0-4)	+1,650	-.3	+26
DONALD AAGGIE FAYNE 744538----------	22 daughters--	37	10,784	3.6	386
Born, 10-25-36; proved, 11-28-47; dead; Md.	18 daughters--	28	10,994	3.5	388
Sire, 672133; dam, 1585264.	18 dams-------	70	10,226	3.4	344
Herd Owner, Walter B. Coblentz, Frederick.	Difference----	(11-12-13)	+768	+.1	+44
DOUGVIC PATHFINDER BUTTER BOY 856259----------	8 daughters---	10	16,678	3.4	568
Born, 11-29-41; proved, 11-3-47; alive; Ill.	6 daughters---	8	16,826	3.5	588
Sire, 776238; dam, 2032677.	6 dams--------	12	13,591	3.5	479
Herd Owner, Arthur J. Butz & Son, Kankakee.	Difference----	(5-5-6)	+3,235	.0	+109
DUKE JESSE POSCH 758275----------	10 daughters--	11	7,577	4.1	309
Born, 9-16-37; proved, 11-3-47;----; N. Y.	9 daughters---	10	7,694	4.1	313
Sire, 661108; dam, 1497688.	9 dams--------	53	10,699	3.5	376
Herd Owner, Lloyd G. Jamison, Adrian.	Difference----	(2-7-2)	-3,005	+.6	-63
DUNLOGGIN DEAN ORMSBY 673981----------	9 daughters---	32	8,490	3.5	293
Born, 12-25-32; proved, 11-13-47; dead; N. Y.	8 daughters---	29	8,791	3.4	301
Sire, 519021; dam, 1114515.	8 dams--------	14	8,368	3.3	279
Herd Owner, Will J. & Philip Pike, North Norwich.	Difference----	(3-7-3)	+423	+.1	+22

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DUNLOGGIN STANDARD 738112----------	35 daughters--	47	12,912	3.7	479
Born, 2-3-37; proved, 11-6-47;----; N. Y.	31 daughters--	42	13,054	3.7	483
Sire, 640078; dam, 1314189.	31 dams-------	96	12,684	3.3	424
Herd Owner, P. M. Baird & Sons, Chester.	Difference----	(20-26-26)	+370	+.4	+59
ECHO COLANTHA ONA LAD 665123----------	8 daughters---	34	10,885	3.3	363
Born, 10-9-32; proved, 11-5-47;----; Pa.	5 daughters---	24	11,340	3.3	375
Sire, 641164; dam, 1003530.	5 dams--------	16	10,908	3.4	367
Herd Owner, Cocodrilli Brothers, Lake Ariel.	Difference----	(3-1-3)	+432	-.1	+ 8
ELLBANK TRIXIE SENSATION PRINCE 812492----------	21 daughters--	29	11,695	3.6	421
Born, 11-28-39; proved, 11-13-47; dead; N. Y.	21 dams-------	60	12,161	3.6	433
Sire, 778853; dam, 1851052.	Difference----	(9-13-12)	-466	.0	-12
Herd Owner, James Stark, Pawling.					
FARMCREST ARCHIE TRIUNE HARTOG 717032----------	22 daughters--	69	11,838	3.5	417
Born, 3-16-35; proved, 11-20-47;----; Calif.	21 daughters--	68	12,056	3.5	424
Sire, 662174; dam, 1213274.	21 dams-------	77	10,395	3.6	378
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference----	(17-10-17)	+1,661	-.1	+46
FERTILE ACRES HARTOG KING COLANTHA 785453----------	8 daughters---	9	8,549	3.6	307
Born, 3-13-39; proved, 11-25-47; dead; N. Y.	5 daughters---	6	8,381	3.5	293
Sire, 744708; dam, 1921355.	5 dams--------	13	11,165	3.4	377
Herd Owner, Hobart A. Rice, Verona.	Difference----	(1-4-1)	-2,784	+.1	-84
FISHKILL FERDINAND FEZ 768978----------	9 daughters---	15	10,220	3.6	369
Born, 8-9-38; proved, 11-3-47;----; N. Y.	8 daughters---	13	10,054	3.6	359
Sire, 704282; dam, 1759769.	8 dams--------	41	8,898	3.7	325
Herd Owner, M. K. Jenkins, Walton.	Difference----	(5-4-5)	+1,156	-.1	+34
FISHKILL PRIDE KING PIEBE 669464----------	27 daughters--	50	12,182	3.6	437
Born, 9-6-32; proved, 11-21-47;----; N. Y.	9 daughters---	14	12,301	3.5	427
Sire, 427880; dam, 1090268.	9 dams--------	32	12,866	3.4	443
Herd Owner, Harold F. Hubbs, Kirkville.	Difference----	(4-5-2)	-565	+.1	-16
FORSGATE KING ONA PRIDE 654641----------	19 daughters--	34	12,347	3.5	436
Born, 6-28-31; proved, 11-28-47; dead; N. J.	8 daughters---	17	12,263	3.5	434
Sire, 425601; dam, 1095778.	8 dams--------	9	12,036	3.4	406
Herd Owner, Forsgate Farms, Jamesburg.	Difference----	(6-5-6)	+227	+.1	+28
GENERAL ORMSBY CORNUCOPIA FOBES 739116----------	6 daughters---	15	9,213	3.6	333
Born, 1-1-37; proved, 11-20-47;----; Wis.	5 daughters---	13	8,753	3.6	319
Sire, 694224; dam, 1639054.	5 dams--------	19	11,305	3.6	402
Herd Owner, Walter J. Schnell, Manitowoc.	Difference----	(0-4-0)	-2,552	.0	-83
G-FARM ECHO PRIDE 742669----------	6 daughters---	7	9,840	3.3	320
Born, 7-15-36; proved, 11-12-47;----; Wis.	5 daughters---	6	9,858	3.2	317
Sire, 680424; dam, 1715755.	5 dams--------	10	8,011	3.5	278
Herd Owner, Jean E. Mack, Fort Atkinson.	Difference----	(5-2-4)	+1,847	-.3	+39
GODFREYS MARTO ORMSBY FRANCISCO 750578----------	13 daughters--	13	11,996	3.4	413
Born, 8-3-37; proved, 11-6-47; dead; Wis.	7 daughters---	7	12,147	3.5	427
Sire, 559504; dam, 1627878.	7 dams--------	8	10,939	3.9	432
Herd Owner, Art J. Cull, Pewaukee.	Difference----	(4-2-3)	+1,208	-.4	- 5
GOVERNOR CARNATION DEN 794113----------	23 daughters--	39	10,388	3.6	373
Born, 11-18-39; proved, 11-28-47;----; N. Y.	12 daughters--	17	11,265	3.5	396
Sire, 729172; dam, 1859937.	12 dams-------	19	11,932	3.4	406
Herd Owner, Frank Niles & Son, Smyrna.	Difference----	(4-9-6)	-667	+.1	-10
GOVERNOR DAWN ACTOR 811487----------	15 daughters--	20	10,946	3.8	416
Born, 7-1-40; proved, 11-10-47;----; Wis.	13 daughters--	18	11,395	3.8	430
Sire, 743882; dam, 1914317.	13 dams-------	40	9,485	3.5	329
Herd Owner, Border & Hemstreet, Elkhorn.	Difference----	(9-10-11)	+1,910	+.3	+101
GOVERNOR INKA HOMESTEAD 745462----------	11 daughters--	21	12,586	3.7	470
Born, 10-8-36; proved, 11-26-47;----; N. Y.	8 daughters---	15	12,641	3.7	468
Sire, 705181; dam, 1669985.	8 dams--------	26	13,043	3.4	445
Herd Owner, Seth T. Merwin, Millerton.	Difference----	(2-8-5)	-402	+.3	+23
GOWANDA MATADOR PIETERTJE KING 748585----------	24 daughters--	67	11,203	3.6	403
Born, 11-13-37; proved, 11-28-47;----; N.Y.	11 daughters--	22	11,109	3.6	401
Sire, 585010; dam, 1570155.	11 dams-------	33	12,286	3.4	423
Herd Owner, Kings Park St. Hospital, Kings Park.	Difference----	(3-10-3)	-1,177	+.2	-22
GRABERHILL PRINCE ORMSBY 814882----------	16 daughters--	24	11,275	3.5	399
Born, 11-25-39; proved, 11-25-47;----; Wis.	14 daughters--	21	11,101	3.6	395
Sire, 766820; dam, 1725884.	14 dams-------	27	10,930	3.3	364
Herd Owner, Herman G. Karlen, Monticello.	Difference----	(10-11-12)	+171	+.3	+31
GRAY VIEW CALMO LAD 733486----------	10 daughters--	10	9,818	3.7	367
Born, 10-8-36; proved, 11-12-47;----; Wis.	10 dams-------	28	10,264	3.6	374
Sire, 610009; dam, 1611408.	Difference----	(3-7-5)	-446	+.1	- 7
Herd Owner, Gillmore & Powell, Kenosha.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
GREENWALD ORMSBY COLANTHA BILL 708673----------	14 daughters--	35	12,005	3.4	408
Born, 12-28-34; proved, 11-12-47;----; Pa.	7 daughters---	19	12,288	3.6	436
Sire, 471350; dam, 958505.	7 dams--------	18	12,292	3.5	425
Herd Owner, S. L. Cary, Mills.	Difference----	(5-7-5)	- 4	+.1	+11
GREENWOOD CRAFTSMAN ORMSBY JOCK (TWIN) 755093----------	9 daughters---	24	11,898	3.5	415
Born, 5-6-37; proved, 11-20-47;----; Pa.	7 daughters---	17	11,252	3.5	394
Sire, 713668; dam, 1070197.	7 dams--------	36	10,924	3.5	387
Herd Owner, Elmer Doyle, Pleasant Mount.	Difference----	(3-4-4)	+328	.0	+ 7
GREENWOOD HAPPY CRAFTSMAN 755095----------	6 daughters---	16	9,332	3.9	366
Born, 10-4-37; proved, 11-13-47;----; Pa.	5 daughters---	15	9,432	4.0	374
Sire, 713668; dam, 1752043.	5 dams--------	40	11,191	3.6	405
Herd Owner, Wilmer A. Twining, Wycombe.	Difference----	(0-5-1)	-1,759	+.4	-31
HAGERLYN KOBA SIR ROMEO 760969----------	7 daughters---	9	12,436	3.6	448
Born, 9-23-37; proved, 11-13-47;----; Idaho.	7 dams--------	25	13,250	3.5	459
Sire, 730954; dam, 1844799.	Difference----	(3-6-3)	-814	+.1	-11
Herd Owner, Joe Gisler, Rupert.					
HEERSCHE TRIUNE COMMANDER 779477----------	6 daughters---	6	13,689	3.3	445
Born, 2-8-39; proved, 11-21-47;----; Kans.	5 daughters---	5	14,093	3.3	458
Sire, 749265; dam, 1745176.	5 dams--------	11	12,723	3.2	409
Herd Owner, Heersche Brothers, Mulvane.	Difference----	(3-3-3)	+1,370	+.1	+49
HOLWYN PONTIAC SEGIS 662639----------	7 daughters---	21	11,936	3.6	424
Born, 9-21-31; proved, 11-14-47;----· Ohio.	5 daughters---	14	12,014	3.6	431
Sire, 452497; dam, 1314689.	5 dams--------	19	15,924	3.5	556
Herd Owner, Ray Van Schoyck, Hilliards.	Difference----	(1-3-0)	-3,910	+.1	-125
ILLINI CLARA ROYALIST FLOOD (TWIN) 817840----------	9 daughters---	11	11,342	3.5	402
Born, 1-26-41; proved, 11-3-47; dead; Ill.	9 dams--------	30	11,773	3.6	429
Sire, 765378; dam, 1836498.	Difference----	(5-4-3)	-431	-.1	-27
Herd Owner, Henry M. Ward & George D. Brown, Polo.					
INKA HOMESTEAD PRINCE JOE 775474----------	7 daughters---	12	11,818	3.4	396
Born, 2-5-39; proved, 11-26-47;----; Wis.	5 daughters---	10	11,393	3.3	376
Sire, 725855; dam, 1612261.	5 dams--------	9	13,682	3.5	479
Herd Owner, Elmer Foulker & C. A. Stubbs, Browntown.	Difference----	(1-1-1)	-2,289	-.2	-103
IONIA MARATHON PAUL 660718----------	12 daughters--	14	11,358	3.6	404
Born, 9-14-31; proved, 11-3-47;----; Mich.	7 daughters---	9	10,822	3.5	384
Sire, 504402; dam, 1332800.	7 dams--------	16	10,803	3.7	404
Herd Owner, H. D. Woodworth & Sons, Charlotte.	Difference----	(3-1-2)	+ 19	-.2	-20
JARIE PIETERTJE TRIUNE BESSIE 775839----------	11 daughters--	14	13,210	3.5	469
Born, 10-21-38; proved, 11-3-47;----; Wis.	9 daughters---	11	13,681	3.6	488
Sire, 695310; dam, 1879905.	9 dams--------	27	12,164	3.3	398
Herd Owner, Robert L. Ray & Son, Eau Claire.	Difference----	(6-9-9)	+1,517	+.3	+90
JAYSEE PEERLESS KING INKA 747865----------	15 daughters--	33	10,280	3.5	358
Born, 6-12-37; proved, 11-6-47;----; Colo.	9 daughters---	17	10,233	3.5	354
Sire, 705180; dam, 1799224.	9 dams--------	35	11,602	3.6	419
Herd Owner, Union Printers Home, Colorado Springs.	Difference----	(3-3-2)	-1,369	-.1	-65
JOHANNA RAG APPLE ORMSBY 755899----------	20 daughters--	46	12,357	3.4	424
Born, 8-11-37; proved, 11-26-47;----; Iowa.	18 daughters--	42	12,372	3.4	419
Sire, 667254; dam, 1818034.	18 dams-------	51	12,220	3.7	447
Herd Owner, Arthur A. Dengler, Davenport.	Difference----	(8-5-7)	+152	-.3	-28
KING ADMIRAL FORUM PEARL 783765----------	8 daughters---	10	11,448	3.6	408
Born, 6-7-39; proved, 11-6-47;----; Wis.	7 daughters---	8	11,707	3.5	410
Sire, 748705; dam, 1607095.	7 dams--------	14	13,458	3.3	450
Herd Owner, Herbert Ebelt, Plymouth.	Difference----	(2-6-2)	-1,751	+.2	-40
KING BELIA WALKER AAGGIE 764468----------	11 daughters--	11	10,408	3.4	350
Born, 12-30-37; proved, 11-20-47;----; Mich.	9 daughters---	9	11,088	3.3	371
Sire, 708387; dam, 1470848.	9 dams--------	19	12,297	3.4	416
Herd Owner, Eldridge Brothers, Crystal.	Difference----	(3-5-3)	-1,209	-.1	-45
KING BESSIE COLANTHA DIXIE 711324----------	10 daughters--	21	10,710	3.6	383
Born, 5-9-35; proved, 11-21-47;----; Mich.	7 daughters---	13	10,652	3.6	380
Sire, 520107; dam, 1731582.	7 dams--------	11	12,493	3.4	422
Herd Owner, Roy Poth, Brown City.	Difference----	(1-6-2)	-1,841	+.2	-42
KING BESSIE INKA ROSE 763510----------	7 daughters---	9	10,711	3.3	355
Born, 11-27-37; proved, 11-13-47; dead; Minn.	6 daughters---	7	10,498	3.3	350
Sire, 711710; dam, 1644156.	6 dams--------	8	12,970	3.2	420
Herd Owner, Merton Houg, Glenville.	Difference----	(2-4-2)	-2,472	+.1	-70
KING BESSIE ORMSBY PIETERTJE 19TH 649547----------	15 daughters--	37	11,519	3.5	408
Born, 3-5-31; proved, 11-28-47;----; N. Y.	5 daughters---	13	12,042	3.4	412
Sire, 520107; dam, 787789.	5 dams--------	13	13,441	3.1	414
Herd Owner, P. M. Baird & Sons, Chester.	Difference----	(2-5-3)	-1,399	+.3	- 2

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
KING BESSIE PLUS POLKADOT 723807----------	12 daughters--	17	10,244	3.2	330
Born, 9-9-35; proved, 11-20-47; dead; Minn.	8 daughters---	13	9,521	3.2	307
Sire, 674118; dam, 1393678.	8 dams--------	32	10,282	3.3	342
Herd Owner, Mrs. Mabel O. Jones, Owatonna.	Difference----	(1-4-1)	-761	-.1	-35
KING BESSIE PLUS SOLDENE 717608----------	28 daughters--	40	11,398	3.5	398
Born, 8-9-35; proved, 11-26-47; dead; Del.	11 daughters--	17	10,353	3.5	363
Sire, 674118; dam, 818081.	11 dams-------	16	11,206	3.3	373
Owner, New Castle Co-op. A. B. A.	Difference----	(3-9-3)	-853	+.2	-10
KING BESSIE WALKER FOBES 17TH 760611----------	6 daughters---	6	11,083	3.3	365
Born, 1-28-38; proved, 11-25-47;----; Wis.	6 dams--------	22	11,399	3.4	385
Sire, 700603; dam, 1362107.	Difference----	(3-1-3)	-316	-.1	-20
Herd Owner, H. W. Betry & Son, Berlin.					
KING COLANTHA CRESCENT 758613----------	6 daughters---	9	12,005	3.6	430
Born, 1-3-36; proved, 11-10-47;----; Wis.	5 daughters---	8	12,241	3.6	446
Sire, 707767; dam, 1542463,	5 dams--------	14	10,886	3.7	401
Herd Owner, Jefferson Co. Asylum Farms, Jefferson.	Difference----	(3-3-3)	+1,355	-.1	+45
KING GERBEN VALENTINE ORMSBY 748997----------	12 daughters--	17	10,318	3.4	351
Born, 6-17-37; proved, 11-13-47; dead; Ill.	11 daughters--	15	10,375	3.4	353
Sire, 678686; dam, 1547357.	11 dams-------	35	9,730	3.5	338
Herd Owner, Hugo Hofsommer, Breese.	Difference----	(9-7-8)	+645	-.1	+15
KING ORMSBY COLANTHA MUTUAL 750659----------	9 daughters---	11	11,484	3.7	429
Born, 10-20-37; proved, 11-24-47;----; Wis.	7 daughters---	8	11,319	3.7	416
Sire, 589173; dam, 1753538.	7 dams--------	23	11,982	3.7	446
Herd Owner, Harvey & Leon Thoma, Sugar Bush.	Difference----	(3-3-2)	-663	.0	-30
KING ORMSBY OF VENTNOR 762099----------	9 daughters---	15	10,669	3.3	357
Born, 6-6-38; proved, 11-20-47;----; Wis.	7 daughters---	12	10,312	3.4	346
Sire, 666745; dam, 1403784.	7 dams--------	12	6,983	3.4	234
Herd Owner, Colonial Farms, St. Nazianz.	Difference----	(6-4-7)	+3,329	.0	+112
KING PANSY PAPOOSE 2D 680960----------	21 daughters--	32	10,321	3.4	354
Born, 12-10-32; proved, 11-5-47; dead; Iowa.	15 daughters--	21	10,121	3.4	344
Sire, 654126; dam, 1009400.	15 dams-------	43	9,117	3.4	309
Herd Owner, Winnebago County Home, Lake Mills.	Difference----	(11-11-12)	+1,004	.0	+35
KING PIEBE DE KOL JANNEK 746989----------	11 daughters--	41	7,539	3.4	256
Born, 11-14-36; proved, 11-5-47;----; Pa.	5 daughters---	19	7,750	3.5	267
Sire, 627777; dam, 1541761.	5 dams--------	11	9,088	3.1	284
Herd Owner, J. Thompson White, Hickory.	Difference----	(1-5-1)	-1,338	+.4	-17
KING TIDY FOBES OF VENTNOR 751697----------	34 daughters--	37	13,257	3.5	469
Born, 6-26-37; proved, 11-6-47;----; Wis.	31 daughters--	33	13,434	3.5	475
Sire, 711382; dam, 1818038.	31 dams-------	81	12,710	3.4	435
Herd Owner, Northern Wisconsin Colony & Training School, Chippewa Falls.	Difference----	(19-24-21)	+724	+.1	+40
KORNDYKE COLANTHA PIEBE ORMSBY 781345----------	10 daughters--	18	13,159	3.6	476
Born, 7-10-39; proved, 11-6-47; alive; N. Y.	9 daughters---	17	13,068	3.6	473
Sire, 723121; dam, 1180282.	9 dams--------	28	13,744	3.4	464
Herd Owner, Howard D. McIntyre, Perry.	Difference----	(2-8-4)	-676	+.2	+ 9
KORNDYKE PETE PRIDE 781359----------	7 daughters---	7	11,837	3.2	384
Born, 12-8-37; proved, 11-13-47;----; Mich.	7 dams--------	9	14,116	3.3	470
Sire, 684455; dam, 1191344.	Difference----	(1-3-1)	-2,279	-.1	-86
Herd Owner, Everett McKenney, Croswell.					
LAKEFIELD CREATOR KING 771948----------	11 daughters--	16	9,584	3.3	316
Born, 9-7-38; proved, 11-28-47;----; Mich.	8 daughters---	12	9,573	3.3	312
Sire, 739928; dam, 1724821.	8 dams--------	14	10,477	3.6	378
Herd Owner, Faner & Cummings, Goodrich.	Difference----	(2-2-1)	-904	-.3	-66
LAKEFIELD PIEBE WALKER SEGIS 716336----------	12 daughters--	25	13,077	3.4	442
Born, 4-16-35; proved, 11-3-47;----; Mich.	6 daughters---	11	12,674	3.3	424
Sire, 471070; dam, 1550608.	6 dams--------	9	13,752	3.5	484
Herd Owner, John Calvert, Flint.	Difference----	(3-2-2)	-1,078	-.2	-60
LAUXMONT ROSELAD DELLA 730631----------	12 daughters--	28	11,838	4.0	469
Born, 7-18-36; proved, 11-26-47;----; Pa.	7 daughters---	9	12,899	4.0	517
Sire, 665420; dam, 1612804.	7 dams--------	32	12,900	3.8	487
Herd Owner, Westmoreland County Home, Greensburg.	Difference----	(4-6-4)	- 1	+.2	+30
LEAFY LAWN SUPERIOR ORMSBY 731473----------	6 daughters---	7	9,350	3.4	319
Born, 10-29-36; proved, 11-24-47;----; N. Y.	5 daughters---	6	9,370	3.3	308
Sire, 662063; dam,1700082.	5 dams--------	18	9,578	3.5	339
Herd Owner,Carleton Holland, De Kalb Junction.	Difference----	(2-1-2)	-208	-.2	-31
MALTESE CARNATION ROMEO 757836----------	11 daughters--	14	13,621	3.5	475
Born, 3-21-38; proved, 11-20-47;----; Calif.	11 dams-------	28	14,426	3.5	502
Sire, 629480; dam, 1639608.	Difference----	(3-7-3)	-805	.0	-27
Herd Owner, Trinade Brothers, Merced.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MAN-O-WAR YANKEE OF WEILER FARM 743652----------	8 daughters---	13	10,478	3.3	350
Born, 10-10-36; proved, 11-25-47;----; N.Y.	6 daughters---	9	11,023	3.3	368
Sire, 531845; dam, 1843759.	6 dams--------	17	9,210	3.4	309
Herd Owner, Warde R. Weiler, Falconer.	Difference----	(4-4-4)	+1,813	-.1	+59
MARAD ORMSBY FOBES 815323----------	7 daughters---	14	5,821	3.3	194
Born, 1-2-40; proved, 11-25-47;----; Minn.	7 dams--------	38	7,169	3.5	248
Sire, 768546; dam, 1755247.	Difference----	(1-2-1)	-1,348	-.2	-54
Herd Owner, Linn Rowe & Sons, Owatonna.					
MATADOR PRINCE BEAUTY 803303----------	14 daughters--	18	11,822	3.4	401
Born, 1-12-40; proved, 11-3-47;----; Minn.	12 daughters--	14	11,962	3.4	404
Sire, 705139; dam, 1832100.	12 dams-------	24	11,909	3.3	389
Herd Owner, Philip Bredberg, Dunnell.	Difference----	(6-8-9)	+53	+.1	+15
MAYFLOWER HARTOG KOOKEE 792321----------	13 daughters--	20	7,870	3.5	275
Born, 11-1-34; proved, 11-6-47; dead; Md.	10 daughters--	15	7,988	3.5	281
Sire, 571910; dam, 1085229.	10 dams-------	15	9,003	3.4	310
Herd Owner, Ira Downey, Williamsport.	Difference----	(3-6-6)	-1,015	+.1	-29
MAYFLOWER LAD MODEL FAYNE 666149----------	5 daughters---	20	9,849	3.4	332
Born, 4-29-29; proved, 11-20-47;----; Pa.	5 dams--------	5	10,176	3.4	345
Sire, 434103; dam, 672440.	Difference----	(2-2-1)	-327	.0	-13
Herd Owner, Preston G. Lichtenwalner & Sons, Emmaus.					
MEADOW FARM ORMSBY PRINCE REX 747609----------	9 daughters---	10	11,843	3.6	426
Born, 9-21-37; proved, 11-26-47;----; Va.	9 dams--------	31	11,577	3.5	410
Sire, 538638; dam, 1369571.	Difference----	(5-7-5)	+266	+.1	+16
Herd Owner, Meadow Farm, Orange.					
MERCEDES DE KOL ORMSBY TED 818022----------	6 daughters---	11	11,132	3.7	407
Born, 9-1-40; proved, 11-21-47;----; Iowa.	5 daughters---	9	10,995	3.6	399
Sire, 730511; dam, 1855026.	5 dams--------	10	10,256	3.6	368
Herd Owner, Harry J. Johnsen, Newell.	Difference----	(3-4-4)	+739	.0	+31
MIDDLETON BARNEY WALKER BESSIE 771915----------	6 daughters---	8	10,126	3.5	351
Born, 3-2-38; proved, 11-25-47;----; N. Y.	5 daughters---	7	9,591	3.5	340
Sire, 643933; dam, 1711965.	5 dams--------	11	9,914	3.5	346
Herd Owner, Albert Elliott, Watertown.	Difference----	(4-4-3)	-323	.0	- 6
MODELYNE ROYAL PANSY 19TH 750351----------	9 daughters---	22	9,875	3.4	336
Born, 9-5-36; proved, 11-26-47; dead; N. J.	9 dams--------	43	10,237	3.6	367
Sire, 652385; dam, 1177343.	Difference----	(4-3-3)	-362	-.2	-31
Herd Owner, James C. Crawford, Bellemead.					
NITTANYVALE MARRO KAZLI 753250----------	10 daughters--	17	10,438	3.4	351
Born, 11-24-37; proved, 11-28-47;----; Pa.	7 daughters---	11	11,030	3.4	370
Sire, 614239; dam, 1619746.	7 dams--------	18	12,079	3.6	434
Herd Owner, George E. Weight, Bellefonte.	Difference----	(2-2-1)	-1,049	-.2	-64
N J E S CHIEF ALPINE GENTLEMAN 748440----------	16 daughters--	29	11,698	3.7	429
Born, 1-5-37; proved, 11-20-47; dead; N. J.	12 daughters--	22	11,787	3.7	433
Sire, 675841; dam, 1534687.	12 dams-------	48	12,564	3.5	445
Herd Owner, A. M. Schreider & Son, Port Jervis, N. Y.	Difference----	(4-9-6)	-777	+.2	-12
NORTH STAR BEN BOLT 783826----------	10 daughters--	10	9,782	3.8	368
Born, 8-23-39; proved, 11-21-47;----; Wis.	7 daughters---	7	9,718	3.8	367
Sire, 742938; dam, 1653566.	7 dams--------	8	11,097	3.7	411
Herd Owner, H. B. Olsen & Son, Hammond.	Difference----	(2-5-3)	-1,379	+.1	-44
N P CLOTHILDE TOPSY TRIUNE PANSY 648421----------	16 daughters--	21	10,811	3.3	358
Born, 2-18-31; proved, 11-10-47; dead; Kans.	10 daughters--	14	10,426	3.3	347
Sire, 558807; dam, 705103.	10 dams-------	10	8,368	3.4	288
Herd Owner, A. H. Ernst, Falls City, Nebr.	Difference----	(8-4-7)	+2,058	-.1	+59
OLLIE MOOIE PRIDE SON 661795----------	16 daughters--	44	10,457	3.5	366
Born, 2-20-31; proved, 11-25-47;----; Wis.	5 daughters---	9	10,227	3.6	364
Sire, 588784; dam, 1307731.	5 dams--------	21	12,583	3.6	452
Herd Owner, Carl E. Brickbauer, Elkhart Lake.	Difference----	(1-2-1)	-2,356	.0	-88
OOSTIE PAYMASTER 23D 756091----------	10 daughters--	11	11,120	3.4	378
Born, 7-30-37; proved, 11-6-47;----; Wis.	6 daughters---	6	12,118	3.4	414
Sire, 685009; dam, 1547801.	6 dams--------	8	8,936	3.7	330
Herd Owner, Wesley Bowen, Monroe.	Difference----	(6-1-6)	+3,182	-.3	+84
ORMSBY CHIEF OLLIE VEEMAN 712249----------	11 daughters--	23	9,586	3.8	364
Born, 3-30-33; proved, 11-10-47; dead; Minn.	5 daughters---	7	10,151	3.9	394
Sire, 305255; dam, 1382791.	5 dams--------	12	11,304	3.5	399
Herd Owner, George A. Jensen, Underwood.	Difference----	(1-4-2)	-1,153	+.4	- 5
ORMSBY ECHO ARTIS 767097----------	7 daughters---	7	11,420	3.3	380
Born, 1-20-38; proved, 11-13-47; dead; N. Y.	7 dams--------	18	10,828	3.3	363
Sire, 731400; dam, 1888099.	Difference----	(4-3-4)	+592	.0	+17
Herd Owner, Emerson Ritchie, Richville.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ORMSBY ROSNI BESS BURKE VEEMAN 755044----------	7 daughters---	8	11,700	3.6	425
Born, 10-24-37; proved, 11-13-47; dead; Va.	6 daughters---	6	12,529	3.7	461
Sire, 654536; dam, 1583539.	6 dams--------	14	10,723	3.5	379
Herd Owner, J. P. Taylor, Orange.	Difference----	(4-5-4)	+1,806	+.2	+82
ORMSBY TIDY DIRECT 745204----------	7 daughters---	7	12,680	3.7	473
Born, 8-21-37; proved, 11-3-47;----; Wis.	6 daughters---	6	12,889	3.7	479
Sire, 711712; dam, 1577925.	6 dams--------	16	10,337	3.9	401
Herd Owner, William M. Curtis, Mauston.	Difference----	(3-2-3)	+2,552	-.2	+78
OSBORNDALE SIR INKA AAGGIE 668375----------	14 daughters--	27	10,722	3.7	395
Born, 1-8-32; proved, 11-6-47; dead; Va.	7 daughters---	15	11,740	3.7	429
Sire, 521877; dam, 1095043.	7 dams--------	22	10,628	3.4	364
Herd Owner, Hollins College, Hollins.	Difference----	(4-6-4)	+1,112	+.3	+65
OSBORNDALE SIR ORMSBY INKA MAY 679027----------	8 daughters---	26	10,888	3.5	385
Born, 4-8-33; proved, 11-28-47; dead; N. J.	5 daughters---	14	10,804	3.5	376
Sire, 521877; dam, 1155064.	5 dams--------	14	11,369	3.4	383
Herd Owner, Walton B. Kostenbader, Blairstown.	Difference----	(1-4-2)	-565	+.1	- 7
OWYHEE PRINS ALCARTRA 742783----------	13 daughters--	17	13,081	3.5	463
Born, 1-25-36; proved, 11-12-47; dead; Idaho.	8 daughters---	10	13,347	3.6	480
Sire, 521128; dam, 1671883.	8 dams--------	10	11,208	3.4	381
Herd Owner, A. W. Boynton, Sweet.	Difference----	(6-5-6)	+2,139	+.2	+99
PABST SNOWDROP CASCADER 673460----------	13 daughters--	22	8,557	3.6	306
Born, 11-29-32; proved, 11-12-47;----; Wis.	8 daughters---	12	8,489	3.6	303
Sire, 561783; dam, 1444115.	8 dams--------	14	10,443	3.6	371
Herd Owner, Ed Nemee & Son, Black River Falls.	Difference----	(2-5-2)	-1,954	.0	-68
PEBBLE BEACH KNIGHT 783448----------	13 daughters--	14	10,854	3.6	388
Born, 1-18-39; proved, 11-4-47;----; N. Y.	11 daughters--	12	10,895	3.5	384
Sire, 695631; dam, 1797304.	11 dams-------	14	11,940	3.4	405
Herd Owner, Mary E. Hunter Estate, Inc., Fulton.	Difference----	(5-8-5)	-1,045	+.1	-21
PHILLSON KING ORMSBY 747087----------	6 daughters---	10	12,162	3.5	428
Born, 11-29-36; proved, 11-20-47; dead; N. J.	5 daughters---	9	11,881	3.[illegible]	417
Sire, 696070; dam, 1314101.	5 dams--------	11	9,335	3.4	320
Herd Owner, Pilfour Dairy, Neshanic Station.	Difference----	(5-3-4)	+2,546	+.1	+97
PIEBE PONTIAC ORMSBY SEGIS 783439----------	8 daughters---	10	12,235	3.6	435
Born, 12-22-38; proved, 11-7-47; dead; Minn.	6 daughters---	7	12,626	3.5	445
Sire, 672274; dam, 1557683.	6 dams--------	12	14,859	3.4	499
Herd Owner, John J. Hoof, Plato.	Difference----	(1-6-1)	-2,233	+.1	-54
PIETERTJE FOBES MOOIE 788440----------	7 daughters---	7	11,770	3.8	449
Born, 7-15-37; proved, 11-4-47;----; Wis.	7 dams--------	27	11,501	3.5	401
Sire, 729705; dam, 1891384.	Difference----	(5-7-6)	+269	+.3	+48
Herd Owner, Arnette Peters, Sharon.					
PIETERTJE ROSE OF GRAHAMHOLM 802587----------	21 daughters--	28	13,630	3.4	461
Born, 12-5-39; proved, 11-6-47; alive; Minn.	19 daughters--	25	13,431	3.4	455
Sire, 728186; dam, 1673656.	19 dams-------	51	12,436	3.3	415
Herd Owner, Mary Knoll Farm, Rochester.	Difference----	(13-9-14)	+995	+.1	+40
PRILLY DUKE PONTIAC 758094----------	7 daughters---	11	10,789	3.5	373
Born, 5-1-37; proved, 11-20-47;----; Va.	7 dams--------	25	9,284	3.5	322
Sire, 756056; dam, 1971587.	Difference----	(7-4-6)	+1,505	.0	+51
Herd Owner, Southwestern State Hospital, Marion.					
PRINCE RAG APPLE PATHWAY 758463----------	6 daughters---	7	12,708	3.5	442
Born, 5-29-38; proved, 11-13-47;----; Wis.	6 dams--------	19	11,121	3.7	411
Sire, 756713; dam, 1899786.	Difference----	(3-1-3)	+1,587	-.2	+31
Herd Owner, Robert Held, Slinger.					
RARETIME MAX TRITOMIA 754441----------	12 daughters--	14	13,832	3.7	517
Born, 1-1-38; proved, 11-28-47;----; Ill.	6 daughters---	8	14,072	3.7	518
Sire, 678384; dam, 1802391.	6 dams--------	14	11,901	3.7	446
Herd Owner, Victor Lawson, Kankakee.	Difference----	(5-3-4)	+2,171	.0	+72
RIDGEPORT HARTOG MAXIMUM 786710----------	9 daughters---	13	13,601	3.7	504
Born, 11-16-39; proved, 11-7-47; dead; Wash.	6 daughters---	8	13,279	3.7	485
Sire, 737511; dam, 1927110.	6 dams--------	18	15,989	3.8	609
Herd Owner, Morton A. McQueen, Ellensburg.	Difference----	(1-3-1)	-2,710	-.1	-124
RIVERFLAT KING BLANCHE PIEBE 739588----------	31 daughters--	42	10,536	3.5	369
Born, 6-22-36; proved, 11-24-47;----; N. Y.	19 daughters--	22	10,470	3.5	369
Sire, 493525; dam, 1656551.	19 dams-------	41	9,444	3.3	314
Herd Owner, R. J. Howard, Sherburne.	Difference----	(12-14-14)	+1,026	+.2	+55
RONDOUT WONDERS 811282----------	12 daughters--	20	11,210	3.7	415
Born, 11-14-39; proved, 11-10-47; dead; N.Y.	12 dams-------	63	12,173	3.6	442
Sire, 755400; dam, 1709469.	Difference----	(5-6-5)	-963	+.1	-27
Herd Owner, Millard H. Davis, Kerhonkson.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SCHOOF MONTVIC RAG APPLE POSCH 778794	8 daughters	12	11,798	3.5	416
Born, 7-27-38; proved, 11-6-47; dead; Mich.	5 daughters	7	11,337	3.5	394
Sire, 648848; dam, 1916427.	5 dams	9	11,329	3.2	359
Herd Owner, William C. Schoof, Washington.	Difference	(3-4-3)	+ 8	+.3	+35
SEGIS BEETS COLLEGE BOY 764437	11 daughters	15	12,776	3.5	445
Born, 8-19-38; proved, 11-20-47; dead; Ky.	11 dams	32	12,791	3.6	455
Sire, 644451; dam, 1700865.	Difference	(6-5-6)	- 15	-.1	-10
Herd Owner, Berea College, Berea.					
SEGIS JOHANNA ORMSBY BOY 771982	14 daughters	27	11,553	3.7	429
Born, 1-2-38; proved, 11-28-47;----; Ill.	11 daughters	21	11,775	3.6	423
Sire, 713148; dam, 1900012.	11 dams	25	12,701	3.5	446
Herd Owner, Henry J. Holtzman & Sons, Washington.	Difference	(3-9-4)	-926	+.1	-23
SHAWS DAUNTLESS JEWEL DIRECT 812635	15 daughters	19	12,615	3.7	461
Born, 11-1-40; proved, 11-21-47;----; Maine.	14 daughters	18	12,671	3.7	464
Sire, 654594; dam, 1857449.	14 dams	58	12,857	3.6	457
Owner, Co-op. A. B. A. #1, Inc., N. J.	Difference	(5-9-6)	-186	+.1	+ 7
SIR BESSIE ORMSBY FOBES 2D 662509	33 daughters	69	11,240	3.6	402
Born, 11-29-31; proved, 11-28-47;----; Iowa.	21 daughters	43	11,410	3.6	408
Sire, 621259; dam, 1363078.	21 dams	80	12,278	3.4	422
Herd Owner, Sargent Brothers & Ewald Thiese, Strawberry Point.	Difference	(5-17-8)	-868	+.2	-14
SIR BURKE POSCH IDEAL 734707	9 daughters	23	12,940	3.4	434
Born, 4-20-36; proved, 11-28-47;----; N. Y.	8 daughters	22	13,062	3.4	443
Sire, 662569; dam, 1652551.	8 dams	25	13,545	3.2	437
Herd Owner, Wayne County Home, Lyons.	Difference	(3-6-3)	-483	+.2	+ 6
SIR BURTON SWEET 692958	16 daughters	31	10,653	3.1	334
Born, 1-26-34; proved, 11-6-47; dead; N. J.	11 daughters	21	10,006	3.2	319
Sire, 620303; dam, 1166448.	11 dams	39	12,793	3.3	416
Herd Owner, New Jersey Reformatory for Boys, Rahway.	Difference	(1-5-1)	-2,787	-.1	-97
SIR INKA VEEMAN JOHANNA 773182	11 daughters	17	10,001	3.5	347
Born, 12-27-38; proved, 11-28-47;----; N. Y.	10 daughters	14	9,882	3.5	341
Sire, 685475; dam, 1081202.	10 dams	33	10,269	3.5	362
Herd Owner, Kenneth J. McElheny, Caneadea.	Difference	(5-5-4)	-387	.0	-21
SIR LELAND ORMSBY 755836	8 daughters	17	12,706	3.4	436
Born, 3-4-38; proved, 11-25-47;----; Iowa.	8 dams	23	11,045	3.1	346
Sire, 682582; dam, 1367487.	Difference	(7-8-7)	+1,661	+.3	+90
Herd Owner, Sewell B. Nelson, Leland.					
SIR ORMSBY SPOFFORD JANNEK 757457	9 daughters	9	11,179	3.5	388
Born, 5-7-38; proved, 11-6-47;----; Pa.	9 dams	54	11,272	3.4	384
Sire, 719037; dam, 1444402.	Difference	(3-6-3)	- 93	+.1	+ 4
Herd Owner, Mercer Co. Home, Mercer.					
SIR POSCH SENSATION 781742	5 daughters	8	14,055	3.2	444
Born, 1-25-39; proved, 11-13-47;----; Ohio.	5 dams	9	11,596	3.3	385
Sire, 642700; dam, 1625193.	Difference	(5-1-5)	+2,459	-.1	+59
Herd Owner, C. D. Lehman & Son, Grafton.					
SIR SEGIS POSCH NEPTUNE 817960	14 daughters	22	12,696	3.4	427
Born, 2-4-41; proved, 11-21-47;----; N. Y.	13 daughters	20	12,644	3.4	428
Sire, 671669; dam, 1618757.	13 dams	51	12,289	3.7	452
Herd Owner, George S. Utter, Bradford.	Difference	(8-1-5)	+355	-.3	-24
SIR SKYLARK TRITOMIA FOBES 743248	10 daughters	11	10,115	3.7	375
Born, 3-3-36; proved, 11-20-47;----; Iowa.	7 daughters	8	9,815	3.6	357
Sire, 635145; dam, 1641371.	7 dams	10	10,598	3.6	380
Herd Owner, Gottlieb Pulver, Elgin.	Difference	(3-4-3)	-783	.0	-23
SLEEPY HOLLOW LORD JOHN 745485	27 daughters	27	14,351	3.5	504
Born, 11-12-36; proved, 11-13-47; dead; Oreg.	23 daughters	23	14,679	3.5	510
Sire, 664888; dam, 1659028.	23 dams	69	11,147	3.2	361
Herd Owner, St. Benedicts Abbey, Mount Angel.	Difference	(19-21-23)	+3,532	+.3	+149
SOWISCOL B B PANSY PAUL 676209	13 daughters	14	12,268	3.5	430
Born, 8-5-33; proved, 11-24-47;----; Wis.	13 dams	42	1 ,678	3.5	403
Sire, 554771; dam, 1507247.	Difference	(10-9-9)	+590	.0	+27
Herd Owner, Northern Wisconsin Colony & Training School, Chippewa Falls.					
SOWISCOL SEGIS ORMSBY 660897	18 daughters	27	10,423	3.3	340
Born, 3-17-32; proved, 11-25-47;----; Wis.	10 daughters	12	9,688	3.2	308
Sire, 635270; dam, 1376335.	10 dams	25	11,504	3.3	378
Herd Owner, Arthur L. Andrews, South Wayne.	Difference	(3-3-4)	-1,816	-.1	-70
SPRINGBANK FAYNE ARISTOCRAT 693713	19 daughters	67	11,878	3.3	398
Born, 8-15-33; proved, 11-6-47;----; Pa.	9 daughter	33	12,357	3.3	408
Sire, 95520 CHB.; dam, 137171 CHB.	9 dams	44	11,871	3.2	378
Herd Owner, Charles A. Riegel, Sinking Spring.	Difference	(5-7-7)	+486	+.1	+30

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SUPERB BETTY RAUWERD 814304	9 daughters	11	11,966	3.6	429
Born, 10-26-40; proved, 11-13-47;----; Maine.	6 daughters	8	11,288	3.7	415
Sire, 705343; dam, 1938136.	6 dams	15	11,892	3.5	412
Herd Owner, Round Top Farms, Damariscotta.	Difference	(2-5-4)	-604	+.2	+ 3
TWIN COUNTY FORUM FOBES 783363	10 daughters	16	11,499	3.6	417
Born, 11-1-38; proved, 11-13-47;----; Ohio.	8 daughters	12	11,701	3.6	424
Sire, 549258; dam, 1716176.	8 dams	31	12,809	3.6	462
Herd Owner, Carl Webber, Wellington.	Difference	(2-5-2)	-1,108	.0	-38
U NEB CLOTHILDE KICAM 745017	12 daughters	24	12,517	3.6	451
Born, 7-23-37; proved, 11-28-47; dead; Nebr.	12 dams	53	12,287	3.6	447
Sire, 562463; dam, 1773902.	Difference	(6-8-5)	+230	.0	+ 4
Herd Owner, State Board of Control, Lincoln.					
U OF A POSCH ORMSBY GOLDENROD 752858	15 daughters	33	13,451	3.3	438
Born, 11-5-37; proved, 11-28-47; dead; Ariz.	10 daughters	22	12,765	3.3	421
Sire, 677986; dam, 1540487.	10 dams	37	11,958	3.4	408
Herd Owner, Mrs. Elizabeth Homrighausen, Phoenix.	Difference	(7-5-6)	+807	-.1	+13
VAN HOOSEN CHIEFTAIN PEERLESS 752503	12 daughters	13	10,238	3.4	350
Born, 9-19-37; proved, 11-10-47; dead; Mich.	6 daughters	7	9,572	3.4	324
Sire, 647922; dam, 1771814.	6 dams	10	9,785	3.3	322
Herd Owner, Van Hoosen Farm, Rochester.	Difference	(2-5-2)	-213	+.1	+ 2
VAN HOOSEN INKA 144 720439	6 daughters	8	9,017	3.6	324
Born, 12-26-35; proved, 11-10-47;----; Mich.	6 dams	14	8,805	3.4	301
Sire, 647839; dam, 1339680.	Difference	(3-5-3)	+212	+.2	+23
Herd Owner, George Howland & Son, North Branch.					
VERNWAY HOMESTEAD PEARL KORNDYKE 785600	8 daughters	13	13,067	3.8	493
Born, 4-1-38; proved, 11-10-47; dead; Wash.	8 dams	17	14,747	3.6	530
Sire, 726306; dam, 1866787.	Difference	(2-5-3)	-1,680	+.2	-37
Herd Owner, John Carlson, Bremerton.					
VILLISCA IOWANA OLLIE BURKE 763134	6 daughters	8	12,701	3.5	447
Born, 10-31-37; proved, 11-13-47;----; Wis.	5 daughters	7	13,137	3.6	470
Sire, 706007; dam, 1379303.	5 dams	15	9,589	3.6	342
Owner, Central Minnesota A. B. A., Minn.	Difference	(5-3-5)	+3,548	.0	+128
WALDALE MATADOR ORMSBY 677193	9 daughters	17	14,170	3.3	470
Born, 4-29-32; proved, 11-21-47;----; Kans.	7 daughters	9	14,184	3.3	463
Sire, 396511; dam, 1063539.	7 dams	44	12,626	3.5	443
Herd Owner, Larned State Hospital, Larned.	Difference	(4-1-4)	+1,558	-.2	+20
WAUPUN SEGIS HOMESTEAD REX 735539	12 daughters	26	12,980	3.4	443
Born, 12-7-36; proved, 11-25-47;----; Wis.	9 daughters	15	13,491	3.4	461
Sire, 662102; dam, 1425505.	9 dams	30	10,027	3.4	345
Herd Owner, Rienold F. Zimmerman, Burnett.	Difference	(7-3-8)	+3,464	.0	+116
WAUPUN TRITOMIA ORMSBY OLLIE 740659	5 daughters	5	10,995	3.5	390
Born, 3-13-37; proved, 11-12-47;----; Ill.	5 dams	20	10,525	3.3	344
Sire, 691809; dam, 1502258.	Difference	(3-5-4)	+470	+.2	+46
Herd Owner, Arlington Farms, Arlington Heights.					
WEBER SUPERIOR JAKE 734312	10 daughters	31	9,422	3.3	312
Born, 2-13-36; proved, 11-12-47;----; Utah.	8 daughters	28	9,521	3.3	314
Sire, 699999; dam, 1704111.	8 dams	36	10,478	3.3	351
Herd Owner, Chester Engstrom, Huntsville.	Difference	(1-3-2)	-957	.0	-37
WIMBLEDON BLUE-EYE BUTTER KING 750273	25 daughters	49	9,570	3.5	333
Born, 6-6-37; proved, 11-6-47;----; Pa.	20 daughters	40	9,356	3.5	325
Sire, 651591; dam, 833718.	20 dams	56	10,479	3.3	350
Herd Owner, Luzerne Co. Institutional District, Retreat.	Difference	(9-15-10)	-1,123	+.2	-25
WIMBLEDON DEAN MARATHON 14TH 759911	8 daughters	9	9,886	3.5	346
Born, 1-1-38; proved, 11-3-47; alive; Wis.	7 daughters	8	9,883	3.5	351
Sire, 673094; dam, 1639645.	7 dams	18	12,367	3.5	436
Herd Owner, Earl B. Robinson & Son, Mondovi.	Difference	(0-4-1)	-2,484	.0	-85
WIMBLEDON DEAN PERFECTION 773955	17 daughters	36	11,963	3.6	430
Born, 1-2-39; proved, 11-21-47; dead; Pa.	7 daughters	12	11,693	3.6	422
Sire, 673094; dam, 1837956.	7 dams	17	11,170	3.3	371
Herd Owner, Nelson Myers, Greencastle.	Difference	(4-6-5)	+523	+.3	+51
WIMBLEDON EMPEROR BLUE-EYE 790116	8 daughters	8	10,440	3.6	376
Born, 8-1-39; proved, 11-6-47; dead; Md.	6 daughters	6	10,627	3.6	384
Sire, 671030; dam, 1747505.	6 dams	7	8,969	3.5	316
Herd Owner, Edward F. Holter, Middletown.	Difference	(4-4-6)	+1,658	+.1	+68
WINTERTHUR FOBES BOAST URANIA 785632	16 daughters	27	10,592	3.6	384
Born, 7-29-39; proved, 11-3-47;----; N. Y.	12 daughters	20	10,407	3.7	383
Sire, 729449; dam, 1545982.	12 dams	25	12,169	3.5	427
Herd Owner, Horner Brothers, Phoenix.	Difference	(3-10-3)	-1,762	+.2	-44

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WISCONSIN MARATHON PIEBE 655702	8 daughters	18	11,455	3.4	394
Born, 8-9-31; proved, 11-25-47;----; Ill.	5 daughters	9	11,001	3.4	379
Sire 294183; dam, 725855.	5 dams	11	12,079	3.5	424
Herd Owner, Foxhome Farm, Sycamore.	Difference	(2-2-2)	-1,078	-.1	-45
W I S LADDIE PRIDE 790646	8 daughters	16	11,063	3.5	390
Born, 9-25-39; proved, 11-21-47;----; Wis.	7 daughters	13	11,008	3.5	386
Sire, 738164; dam, 1933337.	7 dams	42	12,538	3.6	451
Herd Owner, Herman Schnell & Son, Manitowoc.	Difference	(2-4-0)	-1,530	-.1	-65
YANKTON BURTON 673938	16 daughters	20	10,572	3.2	339
Born, 12-24-32; proved, 11-26-47;----; Mich.	7 daughters	9	10,932	3.2	352
Sire, 562118; dam, 1025303.	7 dams	19	10,523	3.3	352
Herd Owner, V. F. W. National Home, Eaton Rapids.	Difference	(5-3-4)	+409	-.1	0
YPSI PONTIAC LAKEFIELD 763100	6 daughters	6	11,679	3.3	388
Born, 2-21-38; proved, 11-13-47;----; Mich.	6 dams	12	13,432	3.3	447
Sire, 675056; dam, 1623392.	Difference	(1-3-2)	-1,753	.0	-59
Herd Owner, Charles Figy & Vern Scott, Morenci.					
ZEIGS PENSTATE NAPOL FERDINAND 773097	7 daughters	7	11,256	3.6	401
Born, 2-28-39; proved, 11-13-47;----; Pa.	7 dams	25	11,255	3.4	377
Sire, 679348; dam, 1144368.	Difference	(2-5-5)	+ 1	+.2	+24
Herd Owner, I. O. O. F. Orphanage, Sunbury.					
21*AV420253 (BANGS OR TB EARTAG)	9 daughters	12	10,785	3.8	406
Born, ----; proved, 11-21-47;----; N. Y.	8 daughters	11	10,880	3.7	405
Sire, ----; dam, ----.	8 dams	32	11,416	3.6	407
Herd Owner, Nelson Parslow, Blenheim.	Difference	(3-6-3)	-536	+.1	- 2
23-L4013 (DHIA EARTAG)	5 daughters	17	6,864	4.4	302
Born, ----; proved, 11-13-47;----; Pa.	5 dams	17	9,606	4.0	389
Sire, ----; dam, ----.	Difference	(1-4-0)	-2,742	+.4	-87
Herd Owner, Joseph A. Stoner, East Berlin.					
34-B4800 (DHIA EARTAG)	8 daughters	27	11,609	3.5	405
Born, ----; proved, 11-25-47;----; Mich.	5 daughters	15	11,266	3.5	395
Sire, ----; dam, ----.	5 dams	9	11,039	3.5	383
Herd Owner, Eugene Arms, Lapeer.	Difference	(2-3-2)	+227	.0	+12
35*EC14060 (BANGS OR TB EARTAG)	15 daughters	33	13,425	3.5	467
Born, ----; proved, 11-21-47;----; Wis.	14 daughters	31	13,522	3.5	468
Sire, ----; dam, ----.	14 dams	55	12,424	3.5	438
Herd Owner, Wallace Crocker, Brooklyn.	Difference	(10-7-10)	+1,098	.0	+30
35*HE25058 (BANGS OR TB EARTAG)	11 daughters	18	11,592	3.4	397
Born, ----; proved, 11-21-47;----; Wis.	9 daughters	14	11,442	3.4	392
Sire, ----; dam, ----.	9 dams	26	11,054	3.4	378
Herd Owner, Edgar Hoff & R. J. Raymond, Brownsville.	Difference	(4-8-3)	+388	.0	+14
35*DS29466 (BANGS OR TB EARTAG)	9 daughters	15	9,571	3.9	373
Born, ----; proved, 11-10-47;----; Wis.	5 daughters	8	10,964	3.8	412
Sire, ----; dam, ----.	5 dams	10	9,656	3.6	348
Herd Owner, Wilburt Meyer, Elk Mound.	Difference	(4-5-5)	+1,308	+.2	+64
42-E6646 (DHIA EARTAG)	6 daughters	11	7,634	3.4	260
Born, ----; proved, 11-10-47; dead; Iowa.	5 daughters	10	7,812	3.4	267
Sire, ----; dam, ----.	5 dams	17	8,846	3.3	295
Herd Owner, E. B. Berg, Wallingford.	Difference	(2-3-2)	-1,034	+.1	-28
61-2400 (DHIA EARTAG)	9 daughters	9	12,451	3.5	432
Born, ----; proved, 11-4-47; dead; Ky.	6 daughters	6	12,763	3.6	459
Sire, ----; dam, ----.	6 dams	15	12,934	3.5	457
Herd Owner, R. L. Duncan, La Grange.	Difference	(3-4-4)	-171	+.1	+ 2

JERSEY SIRES

BEAWAY 392376	5 daughters	6	5,825	5.8	338
Born, 3-18-38; proved, 11-10-47;----; Conn.	5 dams	14	7,264	5.3	384
Sire, 378498; dam, 802048.	Difference	(1-4-1)	-1,439	+.5	-46
Herd Owner, Raymond F. Whitney, Monroe.					
BINDLE DAIRY KING 386477	9 daughters	10	6,732	4.8	326
Born, 3-13-37; proved, 11-7-47;----; Pa.	6 daughters	6	6,660	4.9	325
Sire, 361835; dam, 885077.	6 dams	9	7,758	5.2	405
Herd Owner, Motichka Brothers, Lake Ariel.	Difference	(2-3-2)	-1,098	-.3	-80
CRYSTAL STAR RUSH OXFORD 399723	13 daughters	19	4,504	5.3	237
Born, 6-22-37; proved, 11-10-47; dead; N. J.	6 daughters	10	4,384	5.2	229
Sire, P. S. 7306 H.C.; dam, P.S. 45217 H.C.	6 dams	10	8,366	4.6	388
Herd Owner, Hamilton Farms, Gladstone.	Difference	(1-4-1)	-3,982	+.6	-159

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DARLING OXFORD VOLUNTEER 371412----------	6 daughters---	7	8,163	5.7	462
Born, 11-3-33; proved, 11-28-47;----; Ohio.	6 dams--------	16	8,442	5.5	468
Sire, 320698; dam, 898997.	Difference----	(3-5-3)	-279	+.2	- 6
Herd Owner, H. H. Heeman, Wooster.					
DESIGN ONYX CAREER 392320----------	6 daughters---	7	5,274	4.9	260
Born, 7-25-37; proved, 11-7-47;----; Tenn.	5 daughters---	6	4,996	5.1	257
Sire, 342991; dam, 1006689.	5 dams--------	19	4,881	5.3	261
Herd Owner, W. L. Hodges & Son, Dayton.	Difference----	(2-2-3)	+115	-.2	- 4
DRACONIS SIR STANDARD 399335----------	20 daughters--	36	6,169	6.0	372
Born, 8-30-38; proved, 11-6-47;----; Pa.	18 daughters--	33	6,174	6.0	371
Sire, 374081; dam, 1091061.	18 dams-------	40	6,097	5.7	347
Herd Owner, George Grotzinger, St. Marys.	Difference----	(11-17-12)	+ 77	+.3	+24
DYNAMIC FOREMOST 358109----------	13 daughters--	14	6,295	5.9	371
Born, 3-17-33; proved, 11-28-47;----; Ind.	10 daughters--	11	6,400	5.8	370
Sire, 309246; dam, 895428.	10 dams-------	16	7,989	5.1	404
Herd Owner, Harry Brown & Kenneth Ulmer, Pleasant Lake.	Difference----	(3-9-5)	-1,589	+.7	-34
ELLEN'S NOBLE AIM 412518----------	11 daughters--	15	7,364	5.2	381
Born, 10-2-39; proved, 11-28-47;----; Pa.	6 daughters---	8	7,791	5.2	408
Sire, 367551; dam, 1130608.	6 dams--------	11	7,346	5.4	400
Herd Owner, A. L. O'Brien, Manns Choice.	Difference----	(3-2-3)	+445	-.2	+ 8
GIANTESS ACTION SANDY 400572----------	8 daughters---	15	6,695	5.6	375
Born, 6-3-38; proved, 11-10-47;----; Mich.	8 dams--------	20	7,485	5.5	412
Sire, 351852; dam, 1140326.	Difference----	(2-5-4)	-790	+.1	-37
Herd Owner, Kenneth L. Rorison, Goodrich.					
GOLDEN MASSEY POLO 3D'S SON 218641----------	26 daughters--	143	7,416	5.7	423
Born, 1-5-23; proved, 11-26-47;----; Wash.	20 daughters--	116	7,508	5.8	433
Sire, 162515; dam, 234393.	20 dams-------	113	7,373	5.5	407
Herd Owner, Charles H. Wivell Dairies, Inc., Shelton.	Difference----	(10-14-13)	+135	+.3	+26
GOLDEN OWL PAUL 370340----------	12 daughters--	34	6,084	5.1	312
Born, 10-15-35; proved, 11-28-47; dead; Vt.	6 daughters---	12	6,108	5.1	313
Sire, 251626; dam, 916781.	6 dams--------	22	5,307	4.8	255
Herd Owner, Paul H. Gates, Franklin.	Difference----	(4-6-6)	+801	+.3	+58
IDAHO PEER KING 374056----------	43 daughters--	149	9,378	5.0	473
Born, 1-15-36; proved, 11-10-47;----; Wash.	39 daughters--	141	9,422	5.0	473
Sire, 355748;; dam, 1035964.	39 dams-------	139	9,336	5.1	475
Herd Owner, W. F. Nelson, Walla Walla.	Difference----	(20-19-21)	+ 86	-.1	- 2
INDIAN SPRING GAMBLER 386117----------	11 daughters--	31	6,883	5.4	372
Born, 8-11-35; proved, 11-4-47; dead; Md.	5 daughters---	9	6,876	5.2	358
Sire, 306164; dam, 659396.	5 dams--------	25	6,609	5.2	344
Herd Owner, Indian Spring Farm, Darlington.	Difference----	(3-4-3)	+267	.0	+14
IVY LAD SUCCESSOR 371214----------	5 daughters---	8	7,680	4.9	378
Born, 5-23-35; proved, 11-28-47;----; Ind.	5 dams--------	12	6,792	5.2	350
Sire, 338482; dam, 877412.	Difference----	(3-2-3)	+888	-.3	+28
Herd Owner, Harold Thorpe & Son, Fountain City.					
JOE PRINCE 375770----------	11 daughters--	28	6,287	5.6	353
Born, 5-1-34; proved, 11-3-47;----; Ohio.	6 daughters---	18	6,058	5.8	351
Sire, 221323; dam, 742132.	6 dams--------	8	8,606	5.2	446
Herd Owner, Earl Fry & Sons, Leonardsburg.	Difference----	(0-6-1)	-2,548	+.6	-95
KENSINGTON GOLDEN DICTATOR 389383----------	9 daughters---	12	4,401	6.0	263
Born, 3-22-37; proved, 11-7-47;----; Kans.	9 dams--------	52	5,396	5.7	310
Sire, 357452; dam, 612213.	Difference----	(0-5-1)	-995	+.3	-47
Herd Owner, Reed Grauerholz, Kensington.					
LINDELL STANDARD KING 389785----------	10 daughters--	27	8,385	5.5	461
Born, 6-12-34; proved, 11-10-47;----; Wash.	7 daughters---	19	8,615	5.4	463
Sire, 385628; dam, 51924 CJCC.	7 dams--------	17	7,616	5.1	391
Herd Owner, Cloverfields Farm, Olympia.	Difference----	(6-6-7)	+999	+.3	+72
MICHIGAN VOLUNTEER PREMIER 378952----------	7 daughters---	11	6,418	5.3	343
Born, 10-7-36; proved, 11-6-47;----; Mich.	5 daughters---	8	6,219	5.3	330
Sire, 310047; dam, 1003252.	5 dams--------	16	7,611	5.1	386
Herd Owner, Alva Ricker, Owendale.	Difference----	(0-4-1)	-1,392	+.2	-56
PAGARI'S DREAMING SAM 387531----------	5 daughters---	5	7,800	5.1	398
Born, 6-2-37; proved, 11-6-47;----; Ala.	5 dams--------	11	8,897	5.1	455
Sire, 270308; dam, 960405.	Difference----	(0-3-0)	-1,097	.0	-57
Herd Owner, R. B. Kent, Birmingham.					
PAULINE'S XENIA SULTAN MAX 376793----------	10 daughters--	15	6,530	5.2	339
Born, 5-26-35; proved, 11-28-47;----; Mich.	7 daughters---	9	6,485	5.1	332
Sire, 338979; dam, 1119771.	7 dams--------	19	8,666	4.7	409
Herd Owner, E. Ray Byington & Son, Corunna.	Difference----	(1-5-2)	-2,181	+.4	-77

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PEDRO'S GOLDEN LAD 383171----------	22 daughters--	50	6,273	5.0	311
Born, 3-4-37; proved, 11-3-47;----; Pa.	16 daughters--	33	6,172	4.9	302
Sire, 347744; dam, 967537.	16 dams-------	78	7,404	4.9	363
Herd Owner, Harley Swart & Sons, Waynesburg.	Difference----	(2-9-2)	-1,232	.0	-61
PINE HILL POGIS ASTOR 389200----------	12 daughters--	20	7,272	5.0	366
Born, 7-5-37; proved, 11-21-47;----; Maine.	5 daughters---	9	7,646	4.9	378
Sire, 281842; dam, 883338.	5 dams--------	11	6,593	4.8	317
Herd Owner, Stephen Rowe, Albion.	Difference----	(4-3-4)	+1,053	+.1	+61
PRIMATE'S XENIA SULTAN 315409----------	12 daughters--	27	6,596	5.2	342
Born, 9-29-28; proved, 11-26-47;----; Kans.	6 daughters---	14	6,340	5.0	319
Sire, 294844; dam, 870464.	6 dams--------	24	6,752	4.8	326
Herd Owner, Hallmark Farm, Kansas City, Mo.	Difference----	(3-4-3)	-412	+.2	- 7
QUEEN'S MAJESTIC MODEL 273737----------	9 daughters---	13	7,084	5.1	364
Born, 10-7-24; proved, 11-28-47; dead; Vt.	7 daughters---	10	7,232	5.0	363
Sire, 203355; dam, 528707.	7 dams--------	7	5,484	4.7	256
Herd Owner, Frank Taylor & Son, Bridgewater.	Difference----	(6-6-7)	+1,748	+.3	+107
RUBY'S DUSTAN NOBLE 380410----------	12 daughters--	22	8,244	4.9	408
Born, 3-31-36; proved, 11-3-47;----; Mich.	8 daughters---	15	8,956	4.9	441
Sire, 366461; dam, 1051285.	8 dams--------	19	7,121	5.1	366
Herd Owner, Taylor & Taylor, Coral.	Difference----	(7-2-6)	+1,835	-.2	+75
SIGNAL DREAM BOY 407971----------	7 daughters---	7	9,231	5.1	472
Born, 2-6-40; proved, 11-20-47;----; N. H.	7 dams--------	25	9,704	4.5	435
Sire, 370319; dam, 1119591.	Difference----	(2-7-6)	-473	+.6	+37
Owner, New Hampshire A. B. A.					
SIR ROYAL DRACONIS 388080----------	16 daughters--	35	6,995	5.4	381
Born, 9-5-37; proved, 11-21-47; dead; Ariz.	14 daughters--	30	7,136	5.4	387
Sire, 374081; dam, 1039873.	14 dams-------	76	7,630	5.1	390
Herd Owner, F. L. Chesney, Glendale.	Difference----	(6-10-8)	-494	+.3	- 3
STANDARD BINDLE DESIGN 399888----------	7 daughters---	11	7,810	5.4	421
Born, 11-22-38; proved, 11-7-47; dead; Iowa.	7 dams--------	23	5,691	5.6	317
Sire, 358360; dam, 1057255.	Difference----	(7-3-5)	+2,119	-.2	+104
Herd Owner, Ivan N. Gates, West Liberty.					
SYBIL POPPY POET 450338----------	7 daughters---	9	6,529	5.1	331
Born, 3-10-41; proved, 11-4-47;----; N. Y.	7 dams--------	25	7,387	5.4	403
Sire, 368878; dam, 1087098.	Difference----	(1-1-0)	-858	-.3	-72
Herd Owner, James A. Boggs, Bovina.					
SYBIL QUECHEE BLONDE 387607----------	11 daughters--	11	8,010	5.2	416
Born, 11-1-37; proved, 11-10-47; dead; N. Y.	9 daughters---	9	8,020	5.2	415
Sire, 338755; dam, 1010664.	9 dams--------	29	7,047	5.3	376
Herd Owner, Dale D. Harvey, Fort Covington.	Difference----	(7-2-8)	+973	-.1	+39
SYBIL'S APPEAL 300847----------	13 daughters--	19	6,179	5.6	346
Born, 11-10-28; proved, 11-25-47;----; Iowa.	8 daughters---	11	6,080	5.7	346
Sire, 177467; dam, 692511.	8 dams--------	28	6,662	5.3	353
Herd Owner, W. J. Prestien, Denver.	Difference----	(3-7-4)	-582	+.4	- 7
TORMENTOR GAMBOGE VICTOR 387257----------	10 daughters--	18	8,154	5.2	422
Born, 1-10-37; proved, 11-4-47; dead; Vt.	9 daughters---	17	7,965	5.2	414
Sire, 375506; dam, 944735.	9 dams--------	35	8,061	5.0	407
Herd Owner, Carl J. Friedrich, Brattleboro.	Difference----	(4-4-4)	- 96	+.2	+ 7
13*T141455 (BANGS OR TB EARTAG)----------	8 daughters---	8	5,833	4.5	263
Born, - -37; proved, 11-21-47; dead; Vt.	6 daughters---	6	5,855	4.4	255
Sire, 393139; dam, 1195408.	6 dams--------	18	8,593	4.3	373
Herd Owner, Patterson & Holden, Brookfield.	Difference----	(1-4-1)	-2,738	+.1	-118
21*AV332061 (BANGS OR TB EARTAG)----------	8 daughters---	10	8,326	4.7	397
Born, ----; proved, 11-21-47;----; N. Y.	6 daughters---	7	8,390	4.7	395
Sire, ----; dam, ----.	6 dams--------	14	8,724	4.7	413
Herd Owner, Glenn Fisher, Madrid.	Difference----	(2-3-3)	-334	.0	-18
33-B5480 (DHIA EARTAG)----------	5 daughters---	7	6,937	4.5	310
Born, ----; proved, 11-13-47; dead; Ill.	5 dams--------	9	9,695	3.3	324
Sire, ----; dam, ----.	Difference----	(0-5-2)	-2,758	+1.2	-14
Herd Owner, H. N. Coombe, Decatur.					
35*HE17593 (BANGS OR TB EARTAG)----------	7 daughters---	10	6,792	4.7	320
Born, ----; proved, 11-10-47;----; Wis.	6 daughters---	8	6,861	4.7	325
Sire, ----; dam, ----.	6 dams--------	22	8,201	4.8	393
Herd Owner, Hilbert Stefl, Mishicot.	Difference----	(1-3-1)	-1,340	-.1	-68
42-A3800 (DHIA EARTAG)----------	8 daughters---	10	7,091	5.0	353
Born, ----; proved, 11-24-47;----; Iowa.	8 dams--------	31	8,333	4.6	380
Sire, ----; dam, ----.	Difference----	(1-5-4)	-1,242	+.4	-27
Herd Owner, C. H. Hand & Son, Center Point.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
43-A0196 (DHIA EARTAG)	8 daughters	8	5,283	5.0	266
Born, ----; proved, 11-6-47;----; Mo.	6 daughters	6	5,306	5.0	266
Sire, ----; dam, ----.	6 dams	14	5,874	4.7	273
Herd Owner, Spencer McCutchan & Sons, Canton.	Difference	(2-5-2)	-568	+.3	- 7
63-4730 (DHIA EARTAG)	14 daughters	33	5,472	5.2	282
Born, ----; proved, 11-4-47;----; Tenn.	5 daughters	7	5,397	5.0	269
Sire, ----; dam, ----.	5 dams	9	6,300	5.6	351
Herd Owner, Miss Julia E. Cleveland, Sweetwater.	Difference	(2-1-0)	-903	-.6	-82
93-E0900 (DHIA EARTAG)	30 daughters	75	8,594	5.2	450
Born, ----; proved, 11-6-47;----; Calif.	19 daughters	53	8,458	5.2	438
Sire, ----; dam, ----.	19 dams	51	8,867	4.7	420
Herd Owner, H. W. Low Ranch, Hughson.	Difference	(8-18-14)	-409	+.5	+18
RED DANE SIRES					
51*D531 (EARTAG)	17 daughters	24	8,287	4.3	355
Born, ----; proved, 11-28-47;----; Mich.	10 daughters	14	7,646	4.3	327
Sire, ----; dam, ----.	10 dams	18	6,808	4.0	274
Herd Owner, Holgar Rasmussen, Marlette.	Difference	(7-6-6)	+838	+.3	+53
SHORTHORN SIRES					
ELK RUN KNIGHT 1863991	6 daughters	9	7,626	3.9	295
Born, 7-4-35; proved, 11-7-47; dead; Mich.	5 daughters	8	7,403	3.8	282
Sire, 1756019; dam, 1750160.	5 dams	10	6,938	3.9	269
Herd Owner, Floyd Sparks & Son, Saranac.	Difference	(2-2-3)	+465	-.1	+13
FLINTSTONE TORCHLIGHT 1762340	12 daughters	25	6,218	3.7	228
Born, 4-13-33; proved, 11-10-47;----; Iowa.	5 daughters	9	5,994	3.4	206
Sire, 1687543; dam, 1639042.	5 dams	7	7,037	3.7	261
Herd Owner, Young & Niichel, Jesup.	Difference	(2-1-1)	-1,043	-.3	-55
GRIFFARM CHIEF 2D 1925859	7 daughters	8	6,489	4.2	272
Born, 11-12-37; proved, 11-7-47; dead; Mich.	5 daughters	6	7,144	4.2	298
Sire, 1712133; dam, 1568166.	5 dams	9	7,302	3.8	276
Herd Owner, F. C. Voss & Son, Howard City.	Difference	(2-4-3)	-158	+.4	+22
RED BARON 1917206	7 daughters	10	9,374	3.7	351
Born, 12-4-37; proved, 11-7-47;----; Wis.	7 dams	20	10,049	3.7	371
Sire, 1869379; dam, 1523965.	Difference	(3-5-3)	-675	.0	-20
Herd Owner, Harry Laridaen, Reedsburg.					
SHAW'S OXFORD LAD 3D 1849468	8 daughters	13	7,236	3.8	278
Born, 8-16-35; proved, 11-7-47;----; Mich.	5 daughters	10	7,275	3.9	282
Sire, 1729709; dam, 1613741.	5 dams	5	8,411	3.7	315
Herd Owner, Mrs. Robert Douglas & Son, Croswell.	Difference	(1-3-1)	-1,136	+.2	-33
WOODSIDE MASTERKEY 1717285	5 daughters	11	7,526	4.0	304
Born, 3-13-32; proved, 11-6-47; dead; Iowa.	5 dams	12	7,617	4.1	314
Sire, 1405397; dam, 1405401.	Difference	(2-3-3)	- 91	-.1	-10
Herd Owner, R. R. Clampitt & Son, New Providence.					

AMERICAN DAIRY CATTLE CLUB SIRES

ELMWOOD FARMS MAJOR'S MASTER 443
(This sire is also a registered Guernsey "Elmwood Farms Major's Master 280604." Proved Sire data included in Guernsey Listing.)

KORNDYKE COLANTHA PIEBE ORMSBY 741
(This sire is also a registered Holstein "Korndyke Colantha Piebe Ormsby 781345." Proved Sire data included in Holstein listing.)

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IMPROVEMENT

DAIRY HERD ASSOCIATIONS

TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 24, No. 1

January 1948

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3,820 DHIA SIRES PROVED IN 1947

More DHIA sires were proved during 1947 than in any previous year. During the year, proved-sire records were compiled for 3,820 sires used in dairy-herd-improvement associations. Pennsylvania led in number of sires proved, with 632; Wisconsin was second with 607; and New York third with 583.

The following table shows the number of sires proved in 1947, by States:

State	Sires proved Number	State	Sires proved Number	State	Sires proved Number
Alabama	4*	Maine	84*	Ohio	165*
Arizona	23*	Maryland	143*	Oklahoma	4*
California	62*	Massachusetts	87*	Oregon	16*
Colorado	28*	Michigan	291*	Pennsylvania	632*
Connecticut	140*	Minnesota	200*	Rhode Island	11*
Delaware	20*	Mississippi	2*	South Carolina	1*
Florida	3*	Missouri	64*	South Dakota	4*
Georgia	9*	Montana	8*	Tennessee	15*
Hawaii	1	Nebraska	19*	Texas	18*
Idaho	28*	Nevada	3*	Utah	25*
Illinois	283*	New Hampshire	66*	Vermont	205*
Indiana	109*	New Jersey	146*	Virginia	151*
Iowa	331*	New Mexico	1*	Washington	87*
Kansas	113*	New York	583*	West Virginia	73*
Kentucky	26*	North Carolina	10*	Wisconsin	607*
Louisiana	5*	North Dakota	1	Wyoming	1
				Total	3,820**

*This number includes 1 or more sires proved with data from some other State as well as from the State indicated.
**Omitting duplication.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1946 AND 1947

	1947						1946	
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by - American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number	Number	Percent
ALA	(3)	0	--	0	0	0	36	10.4
ARIZ	5,577	686	12.3	0	0	0	1,325	25.6
ARK	0	0	--	0	0	0	0	0
CALIF	137,276	5,761	4.2	0	192	27	2,927	2.6
COLO	4,283	1,033	24.1	0	67	41	1,019	30.9
CONN	10,000	2,946	29.5	0	599	181	2,773	26.2
DEL	1,943	922	47.5	0	11	0	732	42.1
FLA	(3)	31	--	0	51	0	0	0
GA	3,188	454	14.2	22	0	0	214	23.1
HAWAII	430	73	17.0	0	0	0	155	95.1
IDAHO	5,006	1,051	21.0	0	26	0	767	21.3
ILL	35,615	6,255	17.6	168	156	561	7,499	25.6
IND	19,969	3,089	15.5	54	236	161	1,971	11.5
IOWA	28,105	15,276	54.4	0	135	346	10,696	47.4
KANS	7,488	3,613	48.3	0	321	42	3,285	43.3
KY	5,691	1,559	27.4	20	0	8	627	24.6
LA	1,350	97	7.2	0	0	0	59	9.1
MAINE	8,298	2,807	33.8	0	106	0	2,984	40.9
MD	13,423	7,457	55.6	5	405	3	4,863	38.9
MASS	8,685	1,909	22.0	126	536	116	842	19.1
MICH	37,708	13,666	36.2	2	263	284	7,779	26.2
MINN	38,047	16,433	43.2	16	9	115	8,426	43.6
MISS	2,251	596	26.5	0	0	0	0	--0
MO	11,951	2,485	20.8	0	35	14	2,243	22.9
MONT	3,636	512	14.1	0	23	0	732	30.5
NEBR	2,319	599	25.8	15	19	31	396	23.7
NEV	990	317	32.0	0	0	0	247	18.6
N. H	5,173	1,251	24.2	10	171	9	1,541	35.2
N. J	20,482	6,644	32.4	0	27	96	6,456	36.0
N. MEX	1,776	80	4.5	0	0	0	0	0
N. Y	71,900	36,219	50.4	869	1,969	235	24,810	39.3
N. C	4,676	380	8.1	3	216	0	0	0
N. DAK	0	6	--	0	0	0	0	0
OHIO	23,241	4,892	21.0	17	859	325	4,782	30.6
OKLA	2,168	206	9.5	0	0	0	104	24.4
OREG	14,184	2,737	19.3	0	24	21	648	7.7
PA	63,604	25,655	40.3	83	1,298	68	26,608	44.2
P. R	1,100	0	--	0	0	0	0	0
R. I	603	27	4.5	0	105	0	0	0
S. C	0	0	--	0	0	11	0	0
S. DAK	1,172	182	15.5	0	0	20	99	58.6
TENN	4,092	410	10.0	2	0	0	412	19.5
TEX	5,849	479	8.2	0	0	0	319	18.7
UTAH	7,958	1,927	24.2	0	0	0	1,016	15.5
VT	17,402	7,888	45.3	33	338	65	9,178	46.7
VA	31,427	11,187	35.6	0	0	0	6,896	26.3
WASH	23,533	8,026	34.1	0	57	21	8,976	46.0
W. VA	5,715	4,116	72.0	0	123	14	2,521	57.8
WIS	75,145	35,318	47.0	69	181	608	16,973	26.5
WYO	1,117	59	5.3	0	0	0	0	0
U. S	775,546	237,316	30.6	1,514	8,558	3,423	173,936	27.7

1/ Includes cows enrolled since January 1, 1947.
2/ Production records reported on BDI-718.
3/ No report.

DHIA PROVED-SIRE RECORDS TABULATED IN DECEMBER 1947

Following is a list of 292 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in December 1947. Production Records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been reported as being used in an artificial breeding association, the name of the association is given.

AYRSHIRE SIRES

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ALTA CREST MAIN EVENT 57903----------	11 daughters--	13	6,962	4.0	276
Born, 11-4-37; proved, 12-31-47;----; Mass.	8 daughters---	9	6,883	3.9	270
Sire, 54577; dam, 142150.	8 dams--------	32	8,701	4.0	346
Herd Owner, Dwight L. Proctor & Son, Spencer.	Difference----	(1-3-1)	-1,818	-.1	-76
CAROLINA'S CAPTAIN DOT 64750----------	14 daughters--	17	7,888	4.0	319
Born, 2-29-40; proved, 12-9-47;----; Va.	12 daughters--	14	7,599	4.1	310
Sire, 50610; dam, 92073.	12 dams-------	43	7,004	3.9	273
Herd Owner, Norwood Wilson, Hopewell.	Difference----	(8-8-8)	+595	+.2	+37
CAROLINA'S WAR ADMIRAL 63692----------	12 daughters--	16	8,318	4.1	339
Born, 8-19-39; proved, 12-9-47; alive; N. C.	10 daughters--	11	8,393	4.1	341
Sire, 38087; dam, 106634.	10 dams-------	25	9,167	4.2	385
Herd Owner, Central Experiment Station, Raleigh.	Difference----	(3-3-2)	-774	-.1	-44
CHAMPION CONQUEROR OF WEAVER PLACE 62740----------	7 daughters---	13	8,403	4.5	378
Born, 5-14-38; proved, 12-10-47; dead; Ohio.	7 dams--------	26	9,680	4.6	445
Sire, 38562; dam, 222486.	Difference----	(2-4-1)	-1,277	-.1	-67
Herd Owner, Steed Brothers, Radnor.					
DAMON OF ECHO ROCK 53934----------	9 daughters---	11	8,612	3.7	316
Born, 4-29-36; proved, 12-29-47;----; Maine.	8 daughters---	10	8,536	3.7	314
Sire, 42437; dam, 155003.	8 dams--------	27	8,364	3.6	304
Herd Owner, J. Wesley Scamman & Son, Saco.	Difference----	(5-5-5)	+172	+.1	+10
DANDY'S LASTING MAN 61046 *(Aug.1947)----------	13 daughters--	17	8,250	4.0	331
Born, 10-10-38; proved, 12-31-47;----; Maine.	11 daughters--	15	8,160	4.1	334
Sire, 43060; dam, 185284.	11 dams-------	21	8,182	3.8	309
Used in Maine Co-op. A. B. A.	Difference----	(6-9-7)	- 22	+.3	+25
DOUGLAS ROBINHOOD SUPREME 63544----------	12 daughters--	23	7,580	4.4	336
Born, 8-1-39; proved, 12-30-47;----; Pa.	12 dams-------	56	9,312	4.2	396
Sire, 52884; dam, 133042.	Difference----	(2-11-2)	-1,732	+.2	-60
Herd Owner, George L. Rice & Son, Dallas.					
GLENGARRY BURTON, IMP. 70406----------	11 daughters--	12	10,077	4.1	415
Born, 11-1-40; proved, 12-30-47;----; Calif.	5 daughters---	5	10,246	4.2	428
Sire, 64582; dam, 250126.	5 dams--------	7	9,021	4.4	400
Herd Owner, La Franchi Brothers, Calistoga.	Difference----	(3-1-3)	+1,225	-.2	+28
JEAN'S CRUSADER ARMOUR 2D 64257----------	8 daughters---	8	6,877	4.4	301
Born, 12-16-39; proved, 12-8-47; dead; N. Y.	7 daughters---	7	7,091	4.4	312
Sire, 55753; dam, 138327.	7 dams--------	15	8,811	4.2	374
Herd Owner, Richard Winch, Arcade.	Difference----	(1-4-1)	-1,720	+.2	-62
LIPPITT HILLBILLY 63804----------	6 daughters---	8	11,359	4.2	473
Born, 4-4-40; proved, 12-9-47; dead; R. I.	6 dams--------	17	10,129	4.1	413
Sire, 45019; dam, 137660.	Difference----	(3-3-4)	+1,230	+.1	+60
Herd Owner, Edwin J. Hoyle, West Kingston.					
LOCUST FARM SIR MICHAEL 56371----------	9 daughters---	11	8,214	+.2	344
Born, 4-20-37; proved, 12-31-47;----; Wis.	5 daughters---	6	7,930	4.2	332
Sire, 48856; dam, 145848.	5 dams--------	7	8,137	4.2	343
Herd Owner, Mrs. Herman Ihde & Son, Neenah.	Difference----	(2-3-1)	-207	.0	-11
LOCUST LEA MELVIN 65836----------	8 daughters---	13	6,999	4.3	300
Born, 3-19-40; proved, 12-30-47;----; Kans.	5 daughters---	9	7,219	4.4	316
Sire, 49871; dam, 148464.	5 dams--------	9	7,463	4.2	310
Herd Owner, Irvin J. Dannenberg, Hiawatha.	Difference----	(3-4-2)	-244	+.2	+ 6
NESHAMINY LONE RANGER 54064----------	18 daughters--	25	9,389	4.2	397
Born, 4-26-36; proved, 12-31-47;----; Pa.	17 daughters--	20	9,379	4.2	397
Sire, 32215; dam, 71657.	17 dams-------	58	9,226	4.0	370
Herd Owner, Triple Shire Farm, Newville.	Difference----	(10-15-10)	+153	+.2	+27
NESHAMINY MAIN LINER 59484----------	10 daughters--	19	7,273	3.9	283
Born, 6-21-38; proved, 12-30-47;----; Md.	8 daughters---	16	7,157	3.8	274
Sire, 52000; dam, 93810.	8 dams--------	18	7,397	3.8	283
Herd Owner, Daniel Raffel, Sparks.	Difference----	(4-6-4)	-240	.0	- 9

AYRSHIRE SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
PENSHURST BEE J 56771----------	8 daughters---	9	7,299	4.2	306
Born, 2-10-37; proved, 12-17-47;----; Pa.	5 daughters---	6	8,005	4.2	333
Sire, 52000; dam, 146094.	5 dams--------	10	8,185	3.9	321
Herd Owner, D. L. Sattazahn, Avon.	Difference----	(2-3-2)	-180	+.3	+12
PENSHURST FOREMOST MAN 55442----------	13 daughters--	25	8,624	3.9	339
Born, 12-4-36; proved, 12-9-47;----; Ill.	8 daughters---	18	9,012	3.9	354
Sire, 43060; dam, 96321.	8 dams--------	20	8,969	3.7	329
Herd Owner, University of Illinois, Urbana.	Difference----	(5-7-5)	+43	+.2	+25
PIONEER LILY'S LAST 63048----------	11 daughters--	13	7,917	4.1	325
Born, 9-29-39; proved, 12-8-47; dead; Mont.	10 daughters--	12	7,908	4.1	325
Sire, 63047; dam, 224706.	10 dams-------	19	9,439	4.1	390
Herd Owner, Harry B. Mitchell, Great Falls.	Difference----	(4-6-3)	-1,531	.0	-65
ROCKIEWAY KEEN STAR 63595----------	6 daughters---	6	8,855	4.2	374
Born, 9-20-39; proved, 12-8-47; dead; N. Y.	5 daughters---	5	8,560	4.2	363
Sire, 51576; dam, 156418.	5 dams--------	15	9,009	3.8	342
Herd Owner, Wellington Walseman, Beaver Falls.	Difference----	(2-5-2)	-449	+.4	+21
ROSANNA'S MASTER OF JAY-BEE 56735----------	10 daughters--	18	7,709	4.0	305
Born, 3-7-36; proved, 12-31-47;----; Md.	5 daughters---	10	8,057	3.9	317
Sire, 45304; dam, 113870.	5 dams--------	10	9,421	3.7	353
Herd Owner, Monocacy Ayr Farm, Frederick.	Difference----	(1-4-1)	-1,364	+.2	-36
SILVER RUN IDEAL DOUGLAS 58001----------	23 daughters--	38	7,741	3.7	288
Born, 1-15-38; proved, 12-8-47;----; Md.	11 daughters--	14	7,763	3.7	288
Sire, 51557; dam, 151820.	11 dams-------	19	9,537	4.0	384
Herd Owner, Mount Harmon Farm, Earleville.	Difference----	(3-3-2)	-1,774	-.3	-96
SILVER RUN MAGNET 63501----------	7 daughters---	12	9,541	4.4	416
Born, 2-4-39; proved, 12-9-47; dead; Md.	6 daughters---	10	9,366	4.4	414
Sire, 50792; dam, 141753.	6 dams--------	16	9,733	4.1	398
Herd Owner, A. J. Strite, Hagerstown.	Difference----	(1-6-4)	-367	+.3	+16
STRATHGLASS BONNIE LAD 60600----------	22 daughters--	33	7,766	4.3	331
Born, 1-4-39; proved, 12-3-47;----; Mass.	22 dams-------	71	8,991	4.0	360
Sire, 51655; dam, 172601.	Difference----	(6-19-8)	-1,225	+.3	-29
Herd Owner, Maiden Hill Farm, Ward Hill.					
STRATHGLASS BRAE HEATHER 63581----------	15 daughters--	20	7,965	4.3	342
Born, 2-17-40; proved, 12-10-47;----; Conn.	8 daughters---	11	8,119	4.3	349
Sire, 55282; dam, 154421.	8 dams--------	11	9,225	4.1	382
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference----	(2-7-2)	-1,106	+.2	-33
WHITPAIN SUNNY PERFECTION 56255----------	10 daughters--	17	10,596	4.0	420
Born, 3-19-37; proved, 12-29-47;----; Conn.	10 dams-------	42	8,751	4.1	355
Sire, 44209; dam, 145876.	Difference----	(6-4-6)	+1,845	-.1	+65
Used In Vermont Co-op. A. B. A., Vt.					

BROWN SWISS SIRES

BABA'S SON OF HILLTOP 41419----------	6 daughters---	11	11,769	3.8	452
Born, 6-6-38; proved, 12-4-47;----; Mich.	6 dams--------	14	10,464	4.0	417
Sire, 30445; dam, 47431.	Difference----	(6-4-4)	+1,305	-.2	+35
Herd Owner, R. B. Gotfredson, Grass Lake.					
BROWN BETTY OF PEKIN 2D'S NELLIE'S DESIGN 39455----------	8 daughters---	8	7,918	3.9	307
Born, 12-15-37; proved, 12-10-47;----; Wis.	8 dams--------	25	9,704	4.1	395
Sire, 29090; dam, 43015.	Difference----	(2-2-1)	-1,786	-.2	-88
Herd Owner, Carroll A. Gear, Plainfield.					
BUTTERNUT SCHONI'S HAPPY BOY 44483----------	7 daughters---	11	8,371	4.0	333
Born, 11-10-38; proved, 12-9-47;----; Wis.	6 daughters---	9	8,574	3.9	336
Sire, 34697;dam, 46635.	6 dams--------	17	10,807	3.9	421
Herd Owner, John R. Voegeli, Lodi.	Difference----	(2-3-2)	-2,233	.0	-85
DARGEL'S PROGRESSOR 43597----------	5 daughters---	8	9,577	4.1	395
Born, 12-6-38; proved, 12-4-47;----; Mass.	5 dams--------	12	9,321	3.9	362
Sire, 20700; dam, 30526.	Difference----	(3-4-4)	+256	+.2	+33
Herd Owner, HyCrest Farm, Leominster.					
DEK'S DIAMOND DUKE 37872----------	6 daughters---	6	7,067	4.0	280
Born, 3-1-37; proved, 12-31-47;----; Wis.	5 daughters---	5	7,240	3.9	286
Sire, 34763; dam, 66073.	5 dams--------	17	7,993	3.8	302
Herd Owner, Arbor Marsh, Brodhead.	Difference----	(2-5-2)	-753	+.1	-16
EARL OF ANNADA 42753----------	11 daughters--	16	11,701	3.8	442
Born, 9-28-38; proved,12-8-47;----; Mich.	9 daughters---	12	11,548	3.8	436
Sire, 29768; dam, 47687.	9 dams--------	28	11,000	3.8	421
Herd Owner, R. B. Gotfredson, Grass Lake.	Difference----	(5-3-4)	+548	.0	+15

BROWN SWISS SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
EDELWEISS CARL OF WEST VIEW 47679----------	5 daughters---	6	13,226	3.7	492
Born, 1-5-40; proved, 12-30-47;----; Mich.	5 dams--------	25	11,574	3.9	449
Sire, 41004; dam, 66215.	Difference----	(3-1-3)	+1,652	-.2	+43
Herd Owner, Fred Fuss & Sisters, Lowell.					
ISAAC'S JACK 38898----------	11 daughters--	16	12,683	3.9	500
Born, 1-10-37; proved, 12-30-47;----; Ind.	6 daughters---	7	13,337	4.0	529
Sire, 30062; dam, 44655.	6 dams--------	14	12,083	3.8	465
Herd Owner, N. E. Leep, Lowell.	Difference----	(2-4-4)	+1,254	+.2	+64
JULIA'S KERNAL 44415----------	9 daughters---	12	7,030	4.0	283
Born, 9-23-39; proved, 12-17-47;----; Ill.	5 daughters---	7	7,401	4.0	294
Sire, 39988; dam, 44701.	5 dams--------	5	10,717	4.1	435
Herd Owner, Erwin A. Marti, Mokena.	Difference----	(0-2-0)	-3,316	-.1	-141
MATADOR LUCKY OF SHERMANHURST 41402----------	13 daughters--	17	8,967	4.2	378
Born, 3-26-38; proved, 12-30-47;----; Iowa.	7 daughters---	10	9,202	4.3	395
Sire, 29687; dam, 41162.	7 dams--------	16	9,549	4.0	379
Herd Owner, Elso Groote, Grundy Center.	Difference----	(3-7-3)	-347	+.3	+16
NORMA'S JUDSON OF RIVERSIDE 46059----------	6 daughters---	9	11,618	3.8	436
Born, 2-12-39; proved, 12-31-47;----; Wis.	6 dams--------	13	8,507	3.8	326
Sire, 32746; dam, 46111.	Difference----	(6-3-5)	+3,111	.0	+110
Herd Owner, Rudolph Gehler, Jr., Watertown.					
ORCHARD HILL'S NAPOLEON 39731----------	5 daughters---	14	8,885	4.1	360
Born, 1-30-38; proved, 12-17-47;----; Iowa.	5 dams--------	20	9,114	4.3	390
Sire, 25046; dam, 60808.	Difference----	(2-1-2)	-229	-.2	-30
Herd Owner, Ewald C. Brandt, Postville.					
RITA'S ROYAL OF FOREST FARMS 42123----------	7 daughters---	13	7,699	4.1	313
Born, 5-26-38; proved, 12-3-47;dead; N. Y.	7 dams--------	36	7,967	4.1	324
Sire, 31704; dam, 45718.	Difference----	(4-4-4)	-268	.0	-11
Herd Owner, Max A. Bornand, Westfield.					
22*B86976 (BANGS OR TB EARTAG)----------	20 daughters--	32	7,816	3.7	286
Born, ----; proved, 12-31-47;----; N. J.	6 daughters---	9	8,241	3.7	307
Sire, ----; dam,----.	6 dams--------	16	8,922	3.9	344
Herd Owner, William H. Hamilton, Somerville.	Difference----	(3-3-3)	-681	-.2	-37

GUERNSEY SIRES

ADELMER'S BALDWIN 249642----------	10 daughters--	24	8,154	5.4	437
Born, 5-5-37; proved, 12-31-47;----; Ill.	10 dams-------	40	7,356	5.0	369
Sire, 205523; dam, 449804.	Difference----	(7-8-7)	+798	+.4	+68
Herd Owner, Corn Blossom Farm, Arlington Heights.					
ALMA'S GAY LAD 243116----------	15 daughters--	31	7,296	5.1	374
Born, 1-29-36; proved, 12-31-47;----; Pa.	12 daughters--	26	7,185	5.2	372
Sire, 220790; dam, 215122.	12 dams-------	48	7,663	5.1	389
Used in Clarion Co. A. B. A.	Difference----	(4-6-5)	-478	+.1	-17
BARON OF MT. PLEASANT 272271----------	7 daughters---	8	9,393	4.5	423
Born, 10-25-38; proved, 12-5-47;----; Mich.	7 dams--------	18	8,698	4.9	424
Sire, 241071; dam, 442412.	Difference----	(6-2-4)	+695	-.4	- 1
Herd Owner, R. A. Steinke, Sodus.					
BEAUTY'S BUGLE BOY 259339----------	8 daughters---	14	6,688	4.9	329
Born, 10-28-37; proved, 12-31-47;----; Pa.	8 dams--------	39	7,620	5.3	403
Sire, 220790; dam, 406066.	Difference----	(4-1-1)	-932	-.4	-74
Herd Owner, D. H. Morrison, Van.					
BEECHWOOD VICTORIOUS 232418----------	19 daughters--	31	7,390	4.4	323
Born, 8-8-35; proved, 12-8-47;----; Iowa.	15 daughters--	26	7,360	4.5	329
Sire, 198283; dam, 306761.	15 dams-------	40	7,570	4.6	345
Herd Owner, Stevens & Morain, Ottumwa.	Difference----	(10-9-9)	-210	-.1	-16
BETHANY BUTTERFAT'S VALOR 222643----------	22 daughters--	51	7,731	4.7	362
Born, 9-3-34; proved, 12-31-47;----; Ind.	17 daughters--	33	7,261	4.7	343
Sire, 131222; dam, 324743.	17 dams-------	44	8,122	4.8	392
Herd Owner, Rea Riggins & Sons, Inc., Muncie.	Difference----	(5-6-3)	-861	-.1	-49
BOLTON'S JESTER 266981----------	7 daughters---	9	8,694	4.8	419
Born, 7-1-38; proved, 12-5-47;----; Pa.	6 daughters---	8	8,966	4.9	442
Sire, 206215; dam, 230026.	6 dams--------	14	8,179	5.1	414
Herd Owner, Trustees of University of Pennsylvania, Philadelphia.	Difference----	(5-2-5)	+787	-.2	+28
CATHEDRAL JOHN RILMA 263213----------	11 daughters--	11	8,658	5.0	435
Born, 7-24-38; proved, 12-31-47;----; Va.	10 daughters--	10	8,436	5.0	426
Sire, 228630; dam, 344935.	10 dams-------	20	9,143	5.2	472
Herd Owner, Frank S. Loyd, Lynchburg.	Difference----	(4-5-3)	-707	-.2	-46

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CHALLENGER'S GILMORE 272[illegible]5----------	9 daughters---	13	7,854	4.6	359
Born, 11-3-33; pr[illegible], [illegible]-9-47; ----; Mich.	6 daughters---	10	7,859	4.6	362
Sire, 207301; dam, [illegible]	6 dams--------	19	8,669	4.8	419
Herd Owner, George A. Clouse, Hastings.	Difference----	(1-3-0)	-810	-.2	-57
CHENAR'S GOLDEN NOBLE 245144----------	27 daughters--	48	8,437	4.8	405
Born, 8-6-36; proved, 12-5-47; dead; Md.	12 daughters--	18	8,218	4.9	403
Sire, 204019; dam, 379878.	12 dams-------	28	9,706	4.8	469
Herd Owner, Voshell Brothers, Preston.	Difference----	(3-9-3)	-1,488	+.1	-66
CHICONA HOGARTH 219551----------	13 daughters--	26	8,799	4.8	426
Born, 4-26-33; proved, 12-4-47;----; Wash.	7 daughters---	15	8,408	4.9	412
Sire, 194943; dam, 172261.	7 dams--------	27	9,871	5.0	496
Herd Owner, Merle Miller, Burlington.	Difference----	(2-2-1)	-1,463	-.1	-84
CLAY HILL RANGER 258051----------	5 daughters---	6	7,168	4.5	325
Born, 9-30-37; proved, 12-31-47;----; Mich.	5 dams--------	10	7,335	5.0	366
Sire, 227622; dam, 322018.	Difference----	(2-1-1)	-167	-.5	-41
Herd Owner, Shiawassee River Farm, Byron.					
COLDSPRING'S ROMULUS ADMIRAL 257890----------	6 daughters---	8	6,800	5.3	361
Born, 12-27-37; proved, 12-30-47;----; Md.	6 dams--------	13	6,596	5.0	327
Sire, 227598; dam, 272271.	Difference----	(2-6-3)	+204	+.3	+34
Herd Owner, J. W. Edelen, Glen Arm.					
COLEHAVEN'S KING COLE 233921----------	23 daughters--	54	8,122	4.9	397
Born, 10-3-35; proved, 12-18-47; dead; N. J.	12 daughters--	32	8,269	5.0	415
Sire, 193955; dam, 201707.	12 dams-------	33	9,046	4.7	427
Herd Owner, Colehaven, Port Jervis, N. Y.	Difference----	(4-9-4)	-777	+.3	-12
CORONATION ROSE KING 238549----------	20 daughters--	33	9,239	4.9	451
Born, 3-22-34; proved, 12-8-47; dead; Ind.	14 daughters--	19	9,200	4.8	442
Sire, 199077; dam, 317416.	14 dams-------	32	9,821	4.8	470
Herd Owner, Normandy Farms, New Augusta.	Difference----	(5-9-6)	-621	.0	-28
DEAN OF WATKINS 264748----------	8 daughters---	16	8,342	4.8	403
Born, 2-10-38; proved, 12-31-47;----; Minn.	6 daughters---	13	8,489	4.9	412
Sire, 221232; dam, 544611.	6 dams--------	21	8,977	4.7	426
Herd Owner, Kanneman & Palmer, Madelia.	Difference----	(3-4-3)	-488	+.2	-14
EASTERN KING OF MAPLEWOOD 222675----------	12 daughters--	22	6,446	5.2	336
Born, 1-1-34; proved, 12-5-47;----; Conn.	5 daughters---	8	6,826	4.8	329
Sire, 189810; dam, 339461.	5 dams--------	15	7,862	5.0	390
Herd Owner, Lyman Farm, Middlefield.	Difference----	(2-2-1)	-1,036	-.2	-61
FARMHILL ANDY 240604----------	5 daughters---	14	6,864	5.2	359
Born, 5-15-36; proved, 12-8-47;----; Pa.	5 dams--------	24	8,031	4.6	372
Sire, 208942; dam, 411853.	Difference----	(0-5-3)	-1,167	+.6	-13
Herd Owner, R. A. Eisaman, Irwin.					
FLYING HILL BLOSSOM'S PRINCE 260012----------	12 daughters--	24	8,896	4.7	419
Born, 2-11-38; proved, 12-30-47;----; Pa.	11 daughters--	22	8,646	4.8	412
Sire, 208733; dam, 317455.	11 dams-------	39	9,117	4.3	392
Herd Owner, C. Everett Richardson, Whiteford, Md.	Difference----	(3-11-6)	-471	+.5	+20
FLYING HORSE PAT 267826----------	11 daughters--	14	6,884	4.8	331
Born, 4-18-38; proved, 12-31-47;----; Maine.	10 daughters--	13	6,789	4.7	319
Sire, 232614; dam, 471659.	10 dams-------	17	7,304	4.9	358
Herd Owner, Cold Spring Ranch, North New Portland.	Difference----	(4-4-2)	-515	-.2	-39
GREEN MEADS KING OF BARBIAN 264696----------	7 daughters---	10	10,352	4.3	448
Born, 7-12-38; proved, 12-31-47;----; Conn.	6 daughters---	8	10,591	4.3	452
Sire, 196128; dam, 321873.	6 dams--------	14	8,827	4.4	386
Herd Owner, Barbian Farm, Bethlehem.	Difference----	(5-3-5)	+1,764	-.1	+66
GREEN VALE MARMION 231326----------	32 daughters--	50	7,341	4.5	327
Born, 2-24-34; proved, 12-31-47;----; Mich.	10 daughters--	18	7,429	4.5	337
Sire, 141902; dam, 241606.	10 dams-------	18	7,926	4.4	352
Herd Owner, E. E. Price, Fremont.	Difference----	(3-6-3)	-497	+.1	-15
HORACE OF ROSEDALE 221101----------	7 daughters---	17	8,039	4.6	369
Born, 12-24-34; proved, 12-4-47;----; Iowa.	6 daughters---	16	8,050	4.6	369
Sire, 187999; dam, 353763.	6 dams--------	26	7,989	4.8	382
Herd Owner, Henry Frier, Reinbeck.	Difference----	(3-2-2)	+61	-.2	-13
IDYLBROOK BUD 270214----------	12 daughters--	17	8,091	5.0	402
Born, 9-15-38; proved, 12-18-47;----; N. Y.	10 daughters--	15	8,175	5.0	409
Sire, 209348; dam, 447249.	10 dams-------	52	8,923	5.1	459
Herd Owner, F. W. Moffett, Rochester.	Difference----	(2-3-2)	-748	-.1	-50
ILLINI LINDY PRIDE REFLECTION 223508----------	13 daughters--	21	7,529	4.8	365
Born, 3-3-35; proved, 12-31-47;----; Ill.	8 daughters---	13	7,452	4.9	363
Sire, 202243; dam, 303560.	8 dams--------	29	8,767	4.9	426
Herd Owner, Fred J. Weyhrich, Green Valley.	Difference----	(1-5-1)	-1,315	.0	-63

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
JAP OF ORONOKO 245129----------	20 daughters--	44	6,841	4.9	337
Born, 8-30-36; proved, 12-31-47;----; Mich.	8 daughters---	14	6,448	5.0	323
Sire, 162168; dam, 258864.	8 dams--------	12	6,377	4.8	303
Herd Owner, Walter Wire & Son, Berrien Springs.	Difference----	(6-6-6)	+71	+.2	+20
LAKESIDE LUCKY 266269----------	12 daughters--	19	7,292	4.5	331
Born, 10-10-38; proved, 12-31-47;----; N. Y.	9 daughters---	14	7,072	4.5	319
Sire, 251445; dam, 402224.	9 dams--------	48	7,113	4.7	335
Herd Owner, Reed Brothers, Cortland.	Difference----	(4-2-3)	-41	-.2	-16
LANGWATER HIGHFIELDS PRESTIGE 259849----------	12 daughters--	24	8,343	5.0	418
Born, 12-4-37; proved, 12-3-47;----; N. H.	5 daughters---	10	8,808	5.0	440
Sire, 160256; dam, 501194.	5 dams--------	11	7,183	5.0	358
Herd Owner, Charles E. Hodges, Kensington.	Difference----	(4-3-4)	+1,625	.0	+82
LARCHES SIR ROBERT 261014----------	7 daughters---	7	6,163	4.6	283
Born, 10-27-37; proved, 12-30-47;----; Maine.	6 daughters---	6	6,310	4.6	291
Sire, 225790; dam, 460398.	6 dams--------	11	7,300	5.0	366
Herd Owner, Almon L. Brackley, Kingfield.	Difference----	(1-1-0)	-990	-.4	-75
LAS-EMIR OF HER-MIL FARMS 258147----------	8 daughters---	13	8,018	5.0	401
Born, 10-23-37; proved, 12-31-47;----; Mich.	7 daughters---	10	8,191	4.9	405
Sire, 161558; dam, 306869.	7 dams--------	25	8,027	4.8	386
Herd Owner, Watson Brothers, Hemlock.	Difference----	(4-6-3)	+164	+.1	+19
LEDA'S BILL OF FERN HILL 206599----------	14 daughters--	28	6,858	5.1	346
Born, 9-3-32; proved, 12-30-47;----; Wis.	6 daughters---	7	7,023	5.1	357
Sire, 179925; dam, 141968.	6 dams--------	20	7,768	4.9	378
Herd Owner, Boyd Harshman, Elk Mound.	Difference----	(2-5-2)	-745	+.2	-21
LEEDA'S DONALD OF HAZEN 238180----------	12 daughters--	21	6,244	5.3	328
Born, 4-17-36; proved, 12-8-47;----; Pa.	8 daughters---	17	5,866	5.4	319
Sire, 210948; dam, 192304.	8 dams--------	51	6,792	5.3	363
Herd Owner, Glenn Syphrit, Reynoldsville.	Difference----	(1-5-1)	-926	+.1	-44
LONGWOOD LEADER 254171----------	12 daughters--	24	7,791	5.3	411
Born, 5-19-37; proved, 12-30-47;----; Pa.	11 daughters--	23	7,777	5.2	408
Sire, 215455; dam, 272061.	11 dams-------	39	8,264	5.0	410
Herd Owner, Longwood Farm, Kennett Square.	Difference----	(5-9-5)	-487	+.2	- 2
MANOR IDEAL 277265----------	7 daughters---	15	7,846	5.0	394
Born, 5-25-39; proved, 12-9-47; dead; Md.	7 dams--------	18	7,116	5.3	377
Sire, 174190; dam, 515192.	Difference----	(5-2-3)	+730	-.3	+17
Herd Owner, Doughoregan Manor, Ellicott City.					
MEADOW LODGE REX'S DIPLOMAT 251740----------	7 daughters---	8	6,664	4.9	330
Born, 7-31-37; proved, 12-31-47;----; Mo.	7 dams--------	15	8,091	5.0	401
Sire, 159247; dam, 321577.	Difference----	(3-6-2)	-1,427	-.1	-71
Herd Owner, E. J. Parminter & Sons, Lockwood.					
NASHOBA COMMONER SAILOR 267238----------	10 daughters--	18	6,385	4.9	311
Born, 1-22-37; proved, 12-5-47; dead; Vt.	5 daughters---	7	6,636	4.9	328
Sire, 208805; dam, 427733.	5 dams--------	18	6,669	4.6	308
Herd Owner, Paul Abbott, South Woodstock.	Difference----	(3-3-3)	- 33	+.3	+20
NECIA'S OLIVE'S FASHION 219449----------	15 daughters--	27	7,131	4.8	340
Born, 4-5-33; proved, 12-17-47;----; Wis.	5 daughters---	9	7,683	4.9	379
Sire, 178408; dam, 216898.	5 dams--------	10	6,289	4.5	283
Herd Owner, Roe Nicholas, Whitewater.	Difference----	(3-5-4)	+1,394	+.4	+96
PENN VILLA'S PROSPECT 270052----------	9 daughters---	12	8,279	4.9	407
Born, 8-21-38; proved, 12-3-47;----; Ohio.	6 daughters---	9	8,192	5.0	408
Sire, 227457; dam, 404024.	6 dams--------	20	8,086	4.6	371
Herd Owner, James E. Wright, Hilliards.	Difference----	(3-5-4)	+106	+.4	+37
PRIMROSE'S MARIGOLD OF IOWANOLA 258097----------	12 daughters--	15	9,192	4.6	422
Born, 1-21-38; proved, 12-31-47;----; Iowa.	11 daughters--	13	9,190	4.6	424
Sire, 213228; dam, 159869.	11 dams-------	25	7,843	4.8	376
Herd Owner, Paul & Ereel Palm, Fairfield.	Difference----	(8-4-8)	+1,347	-.2	+48
PRINCE EARL OF ARTHUR FARMS 267669----------	12 daughters--	18	5,382	4.5	245
Born, 10-13-38; proved, 12-8-47;----; Pa.	12 dams-------	57	7,333	4.4	325
Sire, 213889; dam, 255374.	Difference----	(2-7-2)	-1,951	+.1	-80
Herd Owner, Dr. Clyde F. Peairs, Sutersville.					
QUINCY MAHOMET 279630----------	16 daughters--	23	6,614	4.9	322
Born, 6-24-38; proved, 12-8-47; dead; W. Va.	16 dams-------	62	8,357	4.7	396
Sire, 206546; dam, 256745.	Difference----	(3-9-4)	-1,743	+.2	-74
Herd Owner, Quincy Dairy Co., Quincy.					
RIVEREDGE STAR-KING'S ALLEN 264883----------	7 daughters---	13	7,705	5.3	407
Born, 8-28-38; proved, 12-31-47;----; Pa.	6 daughters---	10	7,818	5.2	409
Sire, 217924; dam, 479389.	6 dams--------	29	8,408	4.9	409
Herd Owner, Curtis Allen, Nicholson.	Difference----	(3-6-3)	-590	+.3	0

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ROYAL OF TAMARACK RIDGE 204802----------	16 daughters--	31	8,422	5.3	443
Born, 7-29-32; proved, 12-4-47;----; Mich.	5 daughters---	13	8,717	5.0	435
Sire, 172793; dam, 215664.	5 dams--------	15	10,802	4.5	487
Herd Owner, Savage & Stevens, Marcellus.	Difference----	(1-5-1)	-2,085	+.5	-52
ST. ALBANS ULTRA STEADFAST 260207----------	7 daughters---	11	8,589	4.6	395
Born, 7-1-36; proved, 12-30-47;----; Mo.	7 dams--------	11	9,179	4.7	430
Sire, 221832; dam, 420579.	Difference----	(1-4-2)	-590	-.1	-35
Herd Owner, St. Albans Farm, Becker.					
SAN CARLOS DUKE PEDRO 258927----------	8 daughters---	8	8,104	4.6	374
Born, 4-4-38; proved, 12-30-47;----; Calif.	8 dams--------	22	8,137	4.8	390
Sire, 230719; dam, 439418.	Difference----	(4-3-4)	- 33	-.2	-16
Herd Owner, W. C. Rannells, La Jolla.					
SELECT OF PROSPECT HILL 266915----------	13 daughters--	29	7,838	4.9	380
Born, 6-22-38; proved, 12-31-47;----; N. Y.	10 daughters--	24	7,354	4.9	360
Sire, 257587; dam, 381338.	10 dams-------	43	8,128	5.1	412
Herd Owner, James Malloy & Son, Dundee.	Difference----	(1-5-1)	-774	-.2	-52
STARR FARM ARGYLL'S SOVEREIGN 258307----------	8 daughters---	13	6,835	4.2	285
Born, 11-21-36; proved, 12-31-47;----; Ill.	6 daughters---	9	6,391	4.3	274
Sire, 160703; dam, 339780.	6 dams--------	19	8,423	4.0	334
Herd Owner, Arthur Peters & Son, Momence.	Difference----	(0-6-1)	-2,032	+.3	-60
STARR FARM DOUGLAS 244617----------	8 daughters---	11	9,092	5.2	476
Born, 12-4-35; proved, 12-3-47;----; Ind.	7 daughters---	10	9,049	5.3	480
Sire, 202052; dam, 397849.	7 dams--------	16	9,135	5.2	474
Herd Owner, Ross Harris, Plymouth.	Difference----	(4-5-3)	- 86	+.1	+ 6
SUNNYMEDE GOLD ROYAL 252095----------	6 daughters---	6	6,817	4.8	328
Born, 5-5-37; proved, 12-31-47;----; Mo.	6 dams--------	12	5,638	4.7	263
Sire, 202458; dam, 366153.	Difference----	(4-3-6)	+1,179	+.1	+65
Herd Owner, Alfred Hess, Kahoka.					
VERNON VALLEY OTHELLO 252311----------	6 daughters---	14	6,085	5.3	323
Born, 3-18-37; proved, 12-31-47;----; Pa.	6 dams--------	17	6,272	5.3	332
Sire, 241941; dam, 320203.	Difference----	(3-3-2)	-187	.0	- 9
Herd Owner, Charles Lodge, Cambridge Springs.					
VIEWSITE DAWNING HOPE 267776----------	5 daughters---	9	7,109	4.8	338
Born, 7-9-38; proved, 12-31-47;----; Md.	5 dams--------	13	7,407	4.6	344
Sire, 183197; dam, 343277.	Difference----	(2-4-2)	-298	+.2	- 6
Herd Owner, Howard U. & Charlotte Quinn, Frederick.					
V. P. I. KING HILDA KAY 220228----------	9 daughters---	14	8,216	4.5	371
Born, 8-7-34; proved, 12-3-47;----; Va.	8 daughters---	13	8,162	4.5	370
Sire, 193299; dam, 349532.	8 dams--------	38	8,156	4.8	390
Herd Owner,Le Sueur Brothers, Bristol.	Difference----	(4-0-3)	+ 6	-.3	-20
WINDYCROFT CLIMAX 253212----------	13 daughters--	21	6,933	5.2	357
Born, 6-20-37; proved, 12-31-47;----; Maine.	13 dams-------	44	7,068	4.9	346
Sire, 218516; dam, 253144.	Difference----	(7-10-8)	-135	+.3	+11
Herd Owner, L. J. Libby & Son, Sabattus.					
21-C8885 (DHIA EARTAG)----------	5 daughters---	5	7,819	4.9	381
Born, ----; proved, 12-31-47;----; N. Y.	5 dams--------	23	8,749	5.2	454
Sire, ----; dam, ----.	Difference----	(2-2-1)	-930	-.3	-73
Herd Owner, Guy E. Smith, Perry.					
22*A79512 (BANGS OR TB EARTAG)----------	5 daughters---	14	6,631	5.2	345
Born, ----; proved, 12-31-47;----; N. J.	5 dams--------	26	8,334	4.7	390
Sire, ----; dam, ----.	Difference----	(0-5-1)	-1,703	+.5	-45
Herd Owner, Burrway Farms, Inc., Burlington.					
22*214044 (BANGS OR TB EARTAG)----------	9 daughters---	22	8,526	4.5	384
Born, ----; proved, 12-29-47;----; N.J.	7 daughters---	17	8,755	4.4	384
Sire, ----; dam, ----.	7 dams--------	20	9,381	4.3	407
Herd Owner, Joseph W. Taylor, Freehold.	Difference----	(2-4-2)	-626	+.1	-23
35*HZ59600 (BANGS OR TB EARTAG)----------	6 daughters---	6	8,005	5.2	414
Born, ----; proved, 12-17-47;----; Wis.	5 daughters---	5	7,665	5.2	395
Sire, ----; dam, ----.	5 dams--------	15	7,957	4.7	375
Herd Owner, Ted G. Best, Downing.	Difference----	(3-3-3)	-292	+.5	+20
35*EW65789 (BANGS OR TB EARTAG)----------	5 daughters---	8	7,767	4.0	311
Born, ----; proved, 12-17-47;----; Wis.	5 dams--------	27	9,591	4.0	386
Sire, ----; dam, ----.	Difference----	(1-2-0)	-1,824	.0	-75
Herd Owner, Erwin Gruber, Manitowoc.					
35*HY68655 (BANGS OR TB EARTAG)----------	6 daughters---	6	6,457	5.0	325
Born,----; proved,12-31-47;----; Wis.	5 daughters---	5	6,842	5.0	340
Sire, ----; dam, ----.	5 dams--------	8	8,038	4.9	392
Herd Owner, Floyd Helgesen, Sparta.	Difference----	(1-4-1)	-1,196	+.1	-52

GUERNSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
42-C6860 (DHIA EARTAG)	7 daughters	8	6,840	4.9	333
Born, ----; proved, 12-17-47;----; Iowa.	6 daughters	6	6,506	5.0	327
Sire, ----; dam, ----.	6 dams	27	9,720	4.9	477
Herd Owner, Schroeder & Philipps, Monona.	Difference	(1-3-1)	-3,214	+.1	-150
52*73876V (BANGS OR TB EARTAG)	15 daughters	29	6,376	5.0	319
Born, ----; proved, 12-17-47; dead; Va.	7 daughters	12	6,470	5.2	334
Sire, ----; dam, ----.	7 dams	15	6,521	4.7	306
Herd Owner, W. E. Traylor, Burkeville.	Difference	(3-7-5)	- 51	+.5	+28
93-F4350 (DHIA EARTAG)	36 daughters	47	9,280	4.5	422
Born, ----; proved, 12-29-47;----; Calif.	9 daughters	11	8,585	4.4	382
Sire, ----; dam, ----.	9 dams	12	10,281	4.4	454
Herd Owner, Trussell Brothers, San Marcos.	Difference	(2-5-3)	-1,696	.0	-72

HOLSTEIN SIRES

ADMIRAL ORMSBY FOBES HARMIT 747696	19 daughters	34	9,980	3.5	349
Born, 11-4-37; proved, 12-31-47;----; Wis.	14 daughters	26	10,347	3.4	355
Sire, 662583; dam, 1731822.	14 dams	54	11,286	3.4	387
Herd Owner, Ivan Salter, Germantown.	Difference	(5-8-5)	-939	.0	-32
ALPINE VIEW DE KOL WAYNE 759865	21 daughters	41	8,508	3.4	286
Born, 3-10-38; proved, 12-9-47;----; W. Va.	18 daughters	35	8,505	3.4	288
Sire, 704088; dam, 1420387.	18 dams	77	8,152	3.6	294
Herd Owner, Ohio County Farm, Triadelphia.	Difference	(11-6-7)	+353	-.2	- 6
ALVERNO ADMIRAL COLONY ROMEO 837848	7 daughters	7	11,152	3.3	369
Born, 10-10-41; proved, 12-31-47;----; Wis.	7 dams	18	11,826	3.3	393
Sire, 778235; dam, 1928607.	Difference	(3-2-3)	-674	.0	-24
Herd Owner, Henry Binversie, Kiel.					
ARTIS WALKER ORMSBY 802384	20 daughters	41	11,211	3.4	378
Born, 12-3-39; proved, 12-16-47; dead; N. Y.	12 daughters	25	11,044	3.3	366
Sire, 772748; dam, 1539861.	12 dams	31	10,885	3.3	354
Herd Owner, Rupert Freiberger, Accord.	Difference	(5-9-7)	+159	.0	+12
BAKER FARM FAME 709963	22 daughters	37	10,478	3.4	355
Born, 7-24-35; proved, 12-18-47;----; Maine.	19 daughters	32	10,602	3.4	361
Sire, 653092; dam, 1566857.	19 dams	55	10,387	3.5	363
Used in Androscoggin Valley A. B. A.	Difference	(11-7-8)	+215	-.1	- 2
BALLARD FARM RAMSES 773228	12 daughters	22	11,281	3.5	391
Born, 12-2-38; proved, 12-15-47;----; Pa.	10 daughters	18	11,496	3.5	400
Sire, 731348; dam, 1832116.	10 dams	32	10,755	3.4	364
Herd Owner, Roy J. Moser, Bethlehem.	Difference	(8-7-8)	+741	+.1	+36
BELLE CREST ORMSBY KENT 751303	9 daughters	21	11,922	3.6	434
Born, 12-4-37; proved, 12-19-47; alive; N. J.	7 daughters	17	11,901	3.7	435
Sire, 611511; dam, 1721977.	7 dams	38	11,276	3.6	408
Herd Owner, Charles H. Kirby, Harrisonville.	Difference	(5-4-5)	+625	+.1	+27
BUTTER BOY PRIDE ORMSBY 786586	7 daughters	8	10,832	3.8	415
Born, 11-21-39; proved, 12-31-47;----; Iowa.	6 daughters	7	11,634	3.8	445
Sire, 754520; dam, 1852086.	6 dams	34	13,056	3.6	467
Herd Owner, W. H. Turner, Fayette.	Difference	(2-5-2)	-1,422	+.2	-22
CAPTAIN BUTTERCUP SEGIS 776340	7 daughters	7	13,484	3.5	465
Born, 5-16-38; proved, 12-22-47;----; Calif.	6 daughters	6	13,314	3.5	461
Sire, 712272; dam, 1569896.	6 dams	6	11,989	3.6	427
Herd Owner, M. S. Freer, Modesto.	Difference	(5-3-4)	+1,325	-.1	+34
CARNATION FOREMAN 768200	6 daughters	7	12,190	3.6	440
Born, 7-26-38; proved, 12-8-47; alive; Wash.	6 dams	19	11,995	3.4	406
Sire, 678142; dam, 1863021.	Difference	(4-5-4)	+195	+.2	+34
Herd Owner, Mrs. Magdalene Waltner & Sons, Mount Vernon.					
CARNATION HEADLINER 784732	12 daughters	16	11,934	3.3	396
Born, 8-8-39; proved, 12-31-47;----; Utah.	12 dams	40	12,663	3.3	424
Sire, 739010; dam, 1935588.	Difference	(4-5-5)	-729	.0	-28
Herd Owner, C. Z. Harris, Richmond.					
CARNATION PERFECTION PONTIAC 734524	38 daughters	96	12,242	3.5	429
Born, 6-15-36; proved, 12-31-47;----; Wash.	37 daughters	95	12,271	3.5	430
Sire, 671573; dam, 1421716.	37 dams	162	13,837	3.4	464
Herd Owner, Treosti's Ville, Carnation.	Difference	(12-31-15)	-1,566	+.1	-34
CAROLEA PRINCE RAG APPLE ECHO 760371	8 daughters	8	11,272	3.3	372
Born, 10-22-37; proved, 12-11-47; dead; N. Y.	7 daughters	7	11,556	3.3	382
Sire, 712486; dam, 1162292.	7 dams	16	13,008	3.3	432
Herd Owner, Loren Clark, Pennellville.	Difference	(1-4-2)	-1,452	.0	-50

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
CHEROKEE COPIA DICTATOR 762149----------	10 daughters--	11	11,394	3.4	393
Born, 12-30-37; proved, 12-31-47;----; Iowa.	10 dams-------	49	12,107	3.4	407
Sire, 692526; dam, 1401660.	Difference----	(3-8-3)	-713	.0	-14
Herd Owner, Glenwood State School, Glenwood.					
CHIEF PIERE CREAMELLA 744485----------	21 daughters--	38	13,021	3.5	452
Born, 12-28-36; proved, 12-9-47; dead; Va.	18 daughters--	31	13,316	3.5	462
Sire, 709889; dam, 1611831.	18 dams-------	51	12,776	3.5	453
Herd Owner, E. T. Willis, Culpeper.	Difference----	(11-9-10)	+540	.0	+ 9
CLOVER LAWN CASCADER WAYNE 4TH 765767----------	9 daughters---	17	11,538	3.6	417
Born, 2-25-38; proved, 12-11-47;----; Wis.	9 dams--------	59	11,039	3.5	386
Sire, 740243; dam, 1870586.	Difference----	(6-6-6)	+499	+.1	+31
Herd Owner, August Luhn, Theresa.					
COLANTHA DAD BOAST 801002----------	11 daughters--	21	9,283	3.5	326
Born, 5-26-38; proved, 12-22-47;----; N. Y.	9 daughters---	19	9,603	3.5	340
Sire, 709942; dam, 1675044.	9 dams--------	27	10,655	3.5	376
Herd Owner, Elliott H. Kidder, Jamestown.	Difference----	(3-6-2)	-1,052	.0	-36
COLANTHA HERO KING 772778----------	6 daughters---	6	8,697	3.8	333
Born, 5-12-38; proved, 12-19-47;----; N.Y.	5 daughters---	5	8,767	3.8	335
Sire, 565375; dam, 1859454.	5 dams--------	21	10,222	3.7	375
Herd Owner, Walter H. Legters, North Clymer.	Difference----	(1-5-2)	-1,455	+.1	-40
COLANTHUS SPOFFORD RAG APPLE 812864----------	12 daughters--	15	13,304	3.6	476
Born, 3-26-40; proved, 12-4-47;----; Ill.	12 dams-------	33	13,313	3.5	464
Sire, 757566; dam, 1418979.	Difference----	(6-8-6)	- 9	+.1	+12
Herd Owner, Derwood V. Holmes & Son, Kankakee.					
COMMANDER ORMSBY MERCEDES 773625----------	9 daughters---	12	9,890	3.3	330
Born, 3-15-38; proved, 12-15-47;----; N. Y.	5 daughters---	6	9,676	3.4	330
Sire, 684267; dam, 1622814.	5 dams--------	6	9,322	3.5	323
Herd Owner, L. James Bartholomew, Madrid.	Difference----	(2-2-2)	+354	-.1	+ 7
COMMANDER POSCH 767230----------	32 daughters--	53	11,425	3.6	409
Born, 4-10-38; proved, 12-19-47; alive; N. Y.	13 daughters--	23	10,917	3.6	396
Sire, 730362; dam, 1651605.	13 dams-------	29	11,843	3.5	418
Herd Owner, Henry W. Samson & Son, Vernon Center.	Difference----	(4-8-6)	-926	+.1	-22
CORNELL BLEND REPEATER 776652 *11----------	24 daughters--	45	12,545	3.4	422
Born, 8-20-38; proved, 12-31-47;----; N. Y.	14 daughters--	22	12,584	3.3	417
Sire, 722643; dam, 1435427.	14 dams-------	49	13,016	3.4	444
Herd Owner, Joseph Brill, Stone Ridge.	Difference----	(7-8-6)	-432	-.1	-27
CORNELL BLEND SAM 784837----------	8 daughters---	10	10,178	3.5	355
Born, 6-24-39; proved, 12-31-47;----; Pa.	8 dams--------	40	10,324	3.6	368
Sire, 722643; dam, 1953338.	Difference----	(3-4-2)	-146	-.1	-13
Herd Owner, Harry M. Smith, Bellefonte.					
CORRECTION KING FAYNE 801836----------	12 daughters--	18	11,216	3.5	389
Born, 9-17-39; proved, 12-8-47;----; Wis.	8 daughters---	14	11,490	3.5	404
Sire, 745700; dam, 1860570.	8 dams--------	23	10,875	3.5	379
Herd Owner, Victor Villwock, Mayville.	Difference----	(5-6-7)	+615	.0	+25
COUNTRY HOME SIR BESSIE 762478----------	28 daughters--	37	10,346	3.5	358
Born, 9-16-37; proved, 12-8-47;----; Ill.	9 daughters---	14	10,032	3.4	345
Sire, 629473; dam, 1802811.	9 dams--------	12	10,199	3.2	329
Herd Owner, Julius Sewing, Elwood.	Difference----	(5-7-6)	-167	+.2	+16
DANDY INDEXER 735064----------	26 daughters--	37	12,625	3.3	419
Born, 12-4-36; proved, 12-11-47; dead; N. J.	7 daughters---	9	12,955	3.2	417
Sire, 625555; dam, 1385604.	7 dams--------	9	11,867	3.5	411
Herd Owner, State Prison Farm, Leesburg.	Difference----	(5-2-5)	+1,088	-.3	+ 6
DAUNTLESS COLANTHA DIRECT 766408----------	16 daughters--	16	11,572	3.7	431
Born, 11-25-38; proved, 12-31-47;----; Maine.	10 daughters--	10	11,579	3.7	429
Sire, 668530; dam, 1602511.	10 dams-------	29	11,668	3.6	416
Used in Central Maine A. B. A.	Difference----	(5-8-6)	- 89	+.1	+13
DAYTONIA CLOTHILDE FOBES BANNER 838164----------	9 daughters---	9	7,664	3.5	269
Born, 12-6-41; proved, 12-31-47;----; Pa.	7 daughters---	7	7,850	3.5	279
Sire, 798832; dam, 1917552.	7 dams--------	22	9,285	3.4	319
Herd Owner, Bushmont Farm, Montrose.	Difference----	(2-5-2)	-1,435	+.1	-40
DE KOL ELEANOR POSCH 771627----------	7 daughters---	9	8,068	3.5	280
Born, 7-10-38; proved, 12-31-47;----; Iowa.	6 daughters---	8	8,741	3.5	304
Sire, 699955; dam, 1869787.	6 dams--------	13	9,976	3.4	339
Herd Owner, J. Paul Yoder, Parnell.	Difference----	(2-4-3)	-1,235	+.1	-35
DUNLOGGIN BANMASTER 844854----------	8 daughters---	9	11,565	3.6	417
Born, 2-21-42; proved, 12-31-47;----; Md.	5 daughters---	6	11,770	3.6	423
Sire, 667915; dam, 1765381.	5 dams--------	10	11,987	3.7	440
Herd Owner, Cecil K. Holter, Jefferson.	Difference----	(3-2-3)	-217	-.1	-17

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
DUNLOGGIN FOOTPRINT 769436----------	8 daughters---	11	13,908	3.6	498
Born, 1-10-39; proved, 12-8-47; alive; Ohio.	6 daughters---	8	13,391	3.6	487
Sire, 667915; dam, 1046096.	6 dams--------	20	16,178	3.3	538
Herd Owner, C. M. Kaiser, Hilliards.	Difference----	(2-3-2)	-2,787	+.3	-51
EDGEVIEW KING MABEL SUSAN 719939----------	23 daughters--	47	9,963	3.5	346
Born, 3-29-35; proved, 12-31-47;----; Conn.	12 daughters--	22	9,897	3.4	340
Sire, 533437; dam, 1079523.	12 dams-------	50	10,065	3.5	354
Herd Owner, Charles F. Treat, Milford.	Difference----	(6-5-5)	-168	-.1	-14
ELLBANK ORMSBY JEWEL PRIDE 817970----------	26 daughters--	41	10,622	3.5	368
Born, 9-4-39; proved, 12-5-47; dead; N. Y.	23 daughters--	37	10,449	3.5	367
Sire, 743063; dam, 1851647.	23 dams-------	80	11,571	3.7	423
Used in Androscoggin Valley A. B. A., Maine.	Difference----	(9-11-7)	-1,122	-.2	-56
EMINGTON WHITCOMBCREST ECLIPSE 811177----------	7 daughters---	21	10,880	3.2	345
Born, 1-28-39; proved, 12-16-47;----; Ill.	5 daughters---	17	10,861	3.1	336
Sire, 661871; dam, 1879935.	5 dams--------	14	9,280	3.3	308
Herd Owner, Joseph H. Heimann, Albers.	Difference----	(4-1-3)	+1,581	-.2	+28
EMPEROR ADMIRAL DE VRIES STAR 813277----------	5 daughters---	12	13,045	3.7	477
Born, 11-3-40; proved, 12-31-47;----; N.Y.	5 dams--------	15	9,918	3.7	370
Sire, 777319; dam, 2042034.	Difference----	(5-2-5)	+3,127	.0	+107
Herd Owner, Nickolas H. Kolk, Goshen.					
FAYNE MERCEDES SIR ORMSBY 777305----------	15 daughters--	45	10,662	3.6	381
Born, 4-19-38; proved, 12-10-47;----; Wis.	15 dams-------	80	9,643	3.9	378
Sire, 626973; dam, 1852285.	Difference----	(10-1-8)	+1,019	-.3	+ 3
Herd Owner, Herbert Meesman, Two Rivers.					
FEMCO FOBES AAGGIE SIR BESSIE 768829----------	5 daughters---	5	9,683	3.5	335
Born, 10-27-38; proved, 12-4-47; dead; Minn.	5 dams--------	11	12,020	3.3	396
Sire, 629473; dam, 1832440.	Difference----	(0-5-0)	-2,337	+.2	-61
Herd Owner, Mayowood Farms, Rochester.					
FEMCO SIR MERCEDES BESSIE (TWIN) 780860----------	8 daughters---	12	10,954	3.3	366
Born, 3-16-39; proved, 12-15-47;----; Minn.	8 dams--------	21	10,931	3.5	379
Sire, 629473; dam, 1629027.	Difference----	(5-3-4)	+ 23	-.2	-13
Herd Owner, Robert D. Jensen, Clarks Grove.					
FEMCO SIR PRIDE FOBES 785189----------	27 daughters--	41	10,453	3.8	396
Born, 9-24-39; proved, 12-4-47; dead; N.Y.	27 dams-------	135	11,520	3.6	415
Sire, 746410; dam, 1321556.	Difference----	(8-23-13)	-1,067	+.2	-19
Herd Owner, Murray D. Safanie, Ancram.					
FEMCO SIR ROSE PAULINE 785188----------	8 daughters---	9	12,683	3.5	444
Born, 9-16-39; proved, 12-31-47;----; Minn.	6 daughters---	7	12,595	3.4	432
Sire, 629473; dam, 1904909.	6 dams--------	14	13,384	3.4	456
Herd Owner, Henry E. Lippmann, Gibbon.	Difference----	(3-2-3)	-789	.0	-24
FOBINKA IDEAL ORMSBY 726821----------	7 daughters---	16	11,025	3.3	369
Born, 8-9-35; proved, 12-4-47;----; N. Y.	5 daughters---	12	11,219	3.3	371
Sire, 665697; dam, 1585769.	5 dams--------	11	10,846	3.3	354
Herd Owner, Essex County Home, Whallonsburg.	Difference----	(3-3-3)	+373	.0	+17
FORSGATE KING JEWEL 719722----------	22 daughters--	54	8,789	3.7	329
Born, 4-17-35; proved, 12-8-47; dead; N. J.	18 daughters--	42	8,752	3.7	320
Sire, 576515; dam, 947899.	18 dams-------	52	12,849	3.7	476
Herd Owner, Morrisdon Farms, Colts Neck.	Difference----	(0-8-0)	-4,097	.0	-156
GEM RANCHO ORMSBY FOBES DAD 726392----------	23 daughters--	39	11,237	3.6	409
Born, 1-14-36; proved, 12-4-47;----; Mich.	10 daughters--	15	10,549	3.8	397
Sire, 622655; dam, 1713303.	10 dams-------	22	12,252	3.3	401
Herd Owner, Dell Wolf & Son, Williamston.	Difference----	(3-9-4)	-1,703	+.5	- 4
GENODALE ORMSBY 748807----------	6 daughters---	15	13,168	3.3	439
Born, 11-30-36; proved, 12-4-47; dead; N. Y.	6 dams--------	19	13,016	3.5	450
Sire, 671669; dam, 1571686.	Difference----	(4-2-2)	+152	-.2	-11
Herd Owner, Ralph G. Space, Dryden.					
GOVERNOR FOBES PONTIAC ORMSBY 657183----------	13 daughters--	78	11,560	3.3	378
Born, 4-16-31; proved, 12-10-47;----; Pa.	5 daughters---	28	11,527	3.2	371
Sire, 417994; dam, 804635.	5 dams--------	25	13,173	3.4	444
Herd Owner, Thomas Clement, Lincoln University.	Difference----	(2-3-0)	-1,646	-.2	-73
GREENWOOD CRAFTSMAN DIVIDEND 755089----------	8 daughters---	14	11,255	3.5	392
Born, 2-22-37; proved, 12-19-47;----; Pa.	6 daughters---	11	11,179	3.5	395
Sire, 713668; dam, 1190492.	6 dams--------	30	13,014	3.6	464
Herd Owner, Phil L. Isaacs, Canton.	Difference----	(0-4-0)	-1,835	-.1	-69
GREENWOOD REGISTRAR 772381----------	13 daughters--	23	10,577	3.7	389
Born, 9-13-38; proved, 12-31-47;----; Pa.	12 daughters--	22	10,819	3.7	397
Sire, 618582; dam, 1789193.	12 dams-------	45	11,937	3.6	430
Herd Owner, George School Farm, George School.	Difference----	(4-7-5)	-1,118	+.1	-33

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
HALDANE IVAN PATSY PATRICK 788567 *(Oct.1947)	10 daughters	10	10,715	3.6	383
Born, 3-15-39; proved, 9-8-47;----; Wis.	8 daughters	8	10,663	3.6	386
Sire, 587177; dam, 1738063.	8 dams	21	8,218	3.3	274
Herd Owner, L. A. Markham, Janesville.	Difference	(6-7-5)	+2,445	+.3	+112
HARMIT ADMIRAL SEGIS 837803	5 daughters	9	11,065	3.5	383
Born, 3-8-41; proved, 12-31-47;----; Wis.	5 dams	16	10,562	3.8	398
Sire, 747696; dam, 1799680.	Difference	(2-1-2)	+503	-.3	-15
Herd Owner, Louis H. Hammen, Ripon.					
HAWTHORN EMPEROR GLUCK 774922	10 daughters	15	10,458	3.5	369
Born, 7-16-38; proved, 12-4-47;----; Ill.	10 dams	36	12,235	3.6	437
Sire, 671030; dam, 1502823.	Difference	(3-5-4)	-1,777	-.1	-68
Herd Owner, Pondgate Farm, Dundee.					
HERSHEY JOE KONIGEN (TWIN) 787882	13 daughters	23	10,397	3.2	337
Born, 2-19-39; proved, 12-8-47;----; Pa.	12 daughters	19	10,494	3.2	340
Sire, 575204; dam, 1629466.	12 dams	58	10,426	3.2	339
Herd Owner, Hershey Industrial School, Hershey.	Difference	(7-7-7)	+ 68	.0	+ 1
HILLSBORO SIR SENSATION ALICE 755659	15 daughters	25	10,934	3.5	387
Born, 11-28-37; proved, 12-9-47; dead; N. J.	12 daughters	21	11,096	3.6	395
Sire, 675837; dam, 1742929.	12 dams	48	10,888	3.6	389
Herd Owner, Alvin String, Harrisonville.	Difference	(8-7-7)	+208	.0	+ 6
IDAHO FOBES TOM 763572	6 daughters	7	11,788	3.4	400
Born, 1-8-38; proved, 12-4-47; dead; Idaho.	5 daughters	6	12,004	3.4	413
Sire, 693614; dam, 1696955.	5 dams	5	12,861	3.6	460
Herd Owner, Leo Van Every, Rupert.	Difference	(1-2-1)	-857	-.2	-47
KING BESSIE ORMSBY FOBES CREAMELLE 744390	18 daughters	28	13,138	3.4	446
Born, 2-11-37; proved, 12-8-47;----; Mo.	8 daughters	9	13,476	3.2	435
Sire, 670545; dam, 1655541.	8 dams	22	11,372	3.3	376
Herd Owner, V. W. Wallace, Shelbina.	Difference	(7-4-7)	+2,104	-.1	+59
KING BESSIE PROGRESSOR 36TH 759447	10 daughters	17	10,957	3.6	397
Born, 4-4-38; proved, 12-4-47;----; Wis.	5 daughters	8	11,109	3.6	398
Sire, 672350; dam, 1737728.	5 dams	11	12,512	3.4	429
Herd Owner, George Dodge, Avalon.	Difference	(2-4-2)	-1,403	+.2	-31
KING ORMSBY HOMESTEAD HOESLY 774780	5 daughters	18	12,450	3.4	428
Born, 10-15-38; proved, 12-31-47;----; N. Y.	5 dams	19	10,856	3.6	395
Sire, 625433; dam, 1719162.	Difference	(4-0-3)	+1,594	-.2	+33
Herd Owner, James A. Young & Son, Angelica.					
KING PIEBE MARATHON GEWINA 803450	8 daughters	13	7,184	3.6	258
Born, 1-31-40; proved, 12-31-47;----; Wis.	8 dams	24	9,714	3.3	316
Sire, 759355; dam, 1999705.	Difference	(0-7-1)	-2,530	+.3	-58
Herd Owner, Ernest Feller & Russel Wilcox, Iron Ridge.					
LAVERTA PIEBE BELMONT 832815	7 daughters	7	12,533	3.8	473
Born, 11-19-40; proved, 12-9-47;----; Minn.	7 dams	39	12,414	3.6	446
Sire, 719706; dam, 1829107.	Difference	(4-5-3)	+119	+.2	+27
Herd Owner, Rudolph C. Mohr, Pine Island.					
LEAFY LAWN PEERLESS MONARCH 792422	29 daughters	46	9,486	3.3	314
Born, 8-23-39; proved, 12-9-47;----; N. Y.	12 daughters	19	8,601	3.3	283
Sire, 729186; dam, 1892409.	12 dams	21	10,932	3.1	336
Herd Owner, Frank Crary, Canton.	Difference	(1-12-2)	-2,331	+.2	-53
LEXRIDGE NIGGER SUPREME 794749	13 daughters	24	12,759	3.4	439
Born, 10-7-39; proved, 12-15-47;----; Iowa.	8 daughters	15	12,673	3.4	434
Sire, 653634; dam, 2057576.	8 dams	21	12,789	3.4	440
Herd Owner, Amana Society, High Amana.	Difference	(3-3-3)	-116	.0	- 6
LINAIR LYONS PIETJE 766142	6 daughters	10	10,720	3.6	383
Born, 4-19-38; proved, 12-4-47;----; Pa.	6 dams	32	11,693	3.6	416
Sire, 720054; dam, 1530244.	Difference	(1-2-1)	-973	.0	-33
Herd Owner, Linair Dairy, Waverly.					
MAJOR ORMSBY OF MAPLEWOOD 797671	6 daughters	10	10,773	3.6	392
Born, 10-24-39; proved, 12-31-47;----; Iowa.	6 dams	16	10,094	3.8	379
Sire, 734170; dam, 1746129.	Difference	(4-1-2)	+679	-.2	+13
Herd Owner, R. L. & C. G. Batchelder, Alburnett.					
MAN-O-WAR PREMIER 25TH 765705	20 daughters	36	9,490	3.3	313
Born, 10-12-38; proved, 12-31-47;----; N. Y.	17 daughters	30	9,466	3.3	308
Sire, 695035; dam, 1830143.	17 dams	58	11,604	3.5	406
Herd Owner, Irving Klock, Fort Plain.	Difference	(3-5-2)	-2,138	-.2	-98

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
MARQUETTE BURKE VEEMAN 787611	7 daughters	7	13,823	3.7	510
Born, 8-19-39; proved, 12-31-47; ; Mich.	7 dams	18	12,176	3.4	414
Sire, 662656; dam, 1956079.	Difference	(6-6-7)	+1,647	+.3	+96
Herd Owner, Menominee Co. Infirmary, Menominee.					
MAYVIEW PIEBE BESS BURKE FOBES 760567	6 daughters	9	11,539	3.6	410
Born, 8-6-37; proved, 12-31-47; ; Pa.	5 daughters	8	12,249	3.5	432
Sire, 619165; dam, 1659725.	5 dams	14	9,417	3.7	353
Herd Owner, Mayview State Hospital, Mayview.	Difference	(5-1-5)	+2,832	-.2	+79
MEIERKORD SIR TRIUNE LIZZIE 789863	6 daughters	7	13,430	3.3	445
Born, 9-28-39; proved, 12-22-47; ; Kans.	5 daughters	5	13,740	3.3	455
Sire, 600230; dam, 1884502.	5 dams	17	10,187	3.4	342
Herd Owner, W. F. Krerking, Herkimer.	Difference	(4-3-4)	+3,553	-.1	+113
M F KING FERN TRANSMISSION 808482	5 daughters	10	11,715	3.7	435
Born, 4-8-40; proved, 12-31-47; ; N. Y.	5 dams	16	12,607	3.6	458
Sire, 701204; dam, 1859424.	Difference	(2-4-2)	-892	+.1	-23
Herd Owner, Machold Farms, Ellisburg.					
M M TOPSY AAGGIE 655932	24 daughters	62	11,264	3.6	404
Born, 7-24-31; proved, 12-3-47; ; Calif.	17 daughters	43	10,915	3.6	393
Sire, 585192; dam, 841698.	17 dams	53	9,848	3.7	361
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference	(10-11-11)	+1,067	-.1	+32
MONTVIC COLANTHUS RAG APPLE 665184	19 daughters	37	12,843	3.4	438
Born, 10-29-31; proved, 12-9-47; ; N. Y.	6 daughters	14	12,854	3.5	452
Sire, 84429 CHB.; dam, 203852 CHB.	6 dams	10	13,848	3.4	472
Herd Owner, Roy Jones, Remsen.	Difference	(1-5-2)	-994	+.1	-20
MONTVIC PATHFINDER RAG APPLE 733105	31 daughters	42	12,903	3.6	466
Born, 6-14-36; proved, 12-9-47; ; Iowa.	19 daughters	24	12,827	3.7	472
Sire, 776307; dam, 291696 CHB.	19 dams	66	12,312	3.9	476
Herd Owner, Claude E. Wylam & Sons, Waverly.	Difference	(11-6-10)	+515	-.2	- 4
MT JOSEPH PRINCE DE KOL 771412	5 daughters	7	12,663	3.5	444
Born, 9-20-38; proved, 12-9-47; ; Kans.	5 dams	17	10,264	3.7	384
Sire, 586462; dam, 1873411.	Difference	(5-1-3)	+2,399	-.2	+60
Herd Owner, State Training School, Winfield.					
MT PLEASANT ALCARTRA ONA 787434	9 daughters	11	13,160	3.5	455
Born, 3-26-39; proved, 12-31-47; ; Iowa.	6 daughters	7	12,485	3.6	454
Sire, 634435; dam, 1386722.	6 dams	11	13,120	3.6	473
Herd Owner, Mount Pleasant State Hospital, Mount Pleasant.	Difference	(3-2-3)	-635	.0	-19
NEWMONT PREMIER 774578	17 daughters	23	10,510	3.5	370
Born, 11-3-38; proved, 12-10-47; dead; Vt.	9 daughters	13	11,136	3.5	389
Sire, 731387; dam, 1373426.	9 dams	28	11,244	3.5	399
Herd Owner, Carrol H. Landon, New Haven.	Difference	(5-3-4)	-108	.0	-10
N J E S CHIEF CLOTHILDE FOUNDER 748442	47 daughters	73	10,951	3.8	413
Born, 9-21-36; proved, 12-31-47; ; N. J.	39 daughters	58	10,904	3.7	408
Sire, 675841; dam, 1623523.	39 dams	117	11,866	3.5	416
Herd Owner, Charles E. Brauer, Hackettstown.	Difference	(15-34-19)	-962	+.2	- 8
NORTH STAR KIRK KORINDE 786793	7 daughters	7	10,802	3.5	382
Born, 12-4-39; proved, 12-31-47; ; Minn.	5 daughters	5	10,540	3.6	381
Sire, 742938; dam, 1824980.	5 dams	14	11,382	3.4	388
Herd Owner, City of Minneapolis Dairy, Wayzata.	Difference	(3-4-2)	-842	+.2	- 7
OLLIE PIETERTJE ORMSBY FOBES 808258	6 daughters	7	12,763	3.4	436
Born, 4-19-40; proved, 12-31-47; ; Wis.	6 dams	30	9,160	3.8	350
Sire, 744378; dam, 1542622.	Difference	(6-1-6)	+3,603	-.4	+86
Herd Owner, Martin Kohlwey, Grafton.					
OOSTIE PAYMASTER 18TH 747195	8 daughters	8	10,817	3.3	357
Born, 5-12-37; proved, 12-9-47; ; Wis.	6 daughters	6	10,499	3.3	342
Sire, 685009; dam, 1679052.	6 dams	18	9,730	3.4	327
Herd Owner, Ray & Ivan Kindschi, Marshall.	Difference	(5-4-4)	+769	-.1	+15
ORMSBY DE KOL SIR COURAGEOUS 778518	12 daughters	17	11,521	3.7	422
Born, 11-17-38; proved, 12-31-47; ; Kans.	7 daughters	10	12,869	3.7	473
Sire, 682274; dam, 1708460.	7 dams	26	11,104	3.6	395
Herd Owner, State Sanatorium for Tuberculosis, Norton.	Difference	(5-6-5)	+1,765	+.1	+78
ORMSBY ILLAK MAJOR BOY 743950	6 daughters	8	15,583	3.3	514
Born, 9-27-36; proved, 12-19-47; ; Iowa.	6 dams	24	12,532	3.3	419
Sire, 702939; dam, 1661801.	Difference	(5-4-5)	+3,051	.0	+95
Herd Owner, Harold B. Sutton, Shell Rock.					
ORMSBY KORNDYKE PIEBE WAYNE 758510	16 daughters	31	15,259	3.4	514
Born, 6-1-38; proved, 12-8-47; dead; N. Y.	16 dams	72	14,577	3.6	522
Sire, 723121; dam, 1648898.	Difference	(10-5-9)	+682	-.2	- 8
Herd Owner, J. Blake Winter, Winterton.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
ORMSBY MECHTHILDE PRIDE 745490----------	14 daughters--	30	9,552	3.3	320
Born, 10-16-36; proved, 12-8-47;----; Wis.	7 daughters---	13	9,818	3.4	334
Sire, 626973; dam, 1071215.	7 dams--------	23	10,750	3.6	385
Herd Owner, B. J. Stangel, Tisch Mills.	Difference----	(2-3-1)	-932	-.2	-51
ORMSBY PIEBE WHITE BOY 774413----------	18 daughters--	29	10,582	3.7	394
Born, 12-7-38; proved, 12-9-47;----; Pa.	17 daughters--	28	10,621	3.7	395
Sire, 706640; dam, 1840356.	17 dams-------	71	11,290	3.7	421
Herd Owner, Sylvan M. Wood, Carlisle.	Difference----	(6-11-4)	-669	.0	-26
OZAUKEE SIR ORMSBY MARATHON 749491----------	5 daughters---	5	11,296	3.6	405
Born, 6-11-37; proved, 12-4-47;----; Wis.	5 dams--------	16	11,896	3.7	444
Sire, 644468; dam, 1791340.	Difference----	(2-2-0)	-600	-.1	-39
Herd Owner, Walter H. Conrad, Elkhart Lake.					
PABST EYEBRIGHT SENSATION (TWIN) 665168----------	13 daughters--	42	11,268	3.4	380
Born, 7-21-32; proved, 12-31-47;----; Wis.	12 daughters--	41	11,049	3.4	374
Sire, 561783; dam, 1170522.	12 dams-------	58	11,858	3.4	403
Herd Owner, University of Wisconsin, Ashland.	Difference----	(5-6-5)	-809	.0	-29
PABST SIR FASHIONABLE BELMONT 769922----------	12 daughters--	14	10,534	3.8	398
Born, 12-9-38; proved, 12-11-47;----; Wis.	7 daughters---	9	11,662	3.8	440
Sire, 678994; dam, 1865554.	7 dams--------	18	10,568	3.5	371
Herd Owner, Arthur Biedermann, Columbus.	Difference----	(5-5-6)	+1,094	+.3	+69
PIEBE CONCORDIA DE KOL 753699----------	12 daughters--	25	12,949	3.4	439
Born, 5-22-37; proved, 12-31-47;----; N. Y.	10 daughters--	20	13,018	3.4	441
Sire, 623790; dam, 1648396.	10 dams-------	24	13,405	3.4	453
Herd Owner, Cyril F. Crowe, Dryden.	Difference----	(4-7-4)	-387	.0	-12
PIEBE DUNLOGGIN MASTER 855858----------	7 daughters---	7	14,165	3.4	484
Born, 7-22-42; proved, 12-31-47;----; N. Y.	7 dams--------	20	11,289	3.6	411
Sire, 784131; dam, 2168021.	Difference----	(6-2-6)	+2,876	-.2	+73
Herd Owner, Nickolas H. Kolk, Goshen.					
PINEHURST VICKERY SIR LASSIE 740745----------	5 daughters---	10	10,737	3.6	390
Born, 6-3-36; proved, 12-4-47; dead; Wis.	5 dams--------	20	11,343	3.6	408
Sire, 698322; dam, 1722854.	Difference----	(2-3-1)	-606	.0	-18
Herd Owner, Irvin Gibson, Eau Claire.					
PONTIAC DECREAMCO ECRAB 743552----------	15 daughters--	21	11,737	3.5	409
Born, 2-9-37; proved, 12-5-47; dead; Okla.	10 daughters--	16	11,960	3.5	416
Sire, 573267; dam, 1462190.	10 dams-------	43	12,123	3.2	394
Herd Owner, Central Oklahoma State Hospital, Norman.	Difference----	(6-9-7)	-163	+.3	+22
PRINCE CREATOR 675153----------	65 daughters--	108	11,684	3.3	386
Born, 2-15-33; proved, 12-9-47; dead; N. J.	49 daughters--	79	11,481	3.3	380
Sire, 549800; dam, 1414812.	49 dams-------	90	11,009	3.3	367
Herd Owner, New Jersey State Hospital, Greystone Park.	Difference----	(30-29-26)	+472	.0	+13
PRINCE FIFI BETTY ADMIRAL FOBES 795352----------	15 daughters--	24	10,865	3.4	371
Born, 10-5-39; proved, 12-29-47;----; Wis.	14 daughters--	21	10,647	3.4	362
Sire, 734421; dam, 1883390.	14 dams-------	54	11,298	3.3	372
Herd Owner, Arneson Brothers & Wallace Kahl, Barneveld.	Difference----	(3-12-7)	-651	+.1	-10
PRINCE HOMESTEAD SEGIS COLANTHA 740823----------	10 daughters--	11	11,280	3.6	410
Born, 5-22-36; proved, 12-5-47;----; N. H.	8 daughters---	9	11,509	3.7	428
Sire, 689841; dam, 1377202.	8 dams--------	24	10,789	3.6	392
Herd Owner, J. Ralph Graham, Boscawen.	Difference----	(5-6-5)	+720	+.1	+36
PRINCE ORMSBY CHAMPION JOE 842119----------	8 daughters---	9	9,641	3.6	350
Born, 10-10-41; proved, 12-31-47;----; Iowa.	8 dams--------	34	10,736	3.3	357
Sire, 742460; dam, 1718605.	Difference----	(2-7-4)	-1,095	+.3	- 7
Herd Owner, Walter W. Karnatz, Fredericksburg.					
ROCKFORD DE KOL IRIS HOMESTEAD 773720----------	8 daughters---	14	12,342	3.1	388
Born, 9-10-38; proved, 12-19-47;----; Ohio.	8 dams--------	40	12,217	3.2	393
Sire, 742032; dam, 1863150.	Difference----	(5-5-4)	+125	-.1	- 5
Herd Owner, Henry J. Rengers, St. Henry.					
ROSNI CARNATION HOMESTEAD ORMSBY 769999----------	9 daughters---	9	7,646	3.6	274
Born, 4-7-36; proved, 12-31-47;----; Va.	7 daughters---	7	7,546	3.6	275
Sire, 659870; dam, 1487336.	7 dams--------	27	8,220	4.2	348
Herd Owner, William E. & Mary T. Ewers, Madison Mills.	Difference----	(1-1-0)	-674	-.6	-73
ROYAL PIEBE MAY SNOW BLEND 838676----------	7 daughters---	9	10,107	3.6	368
Born, 8-14-41; proved, 12-31-47;----; N. Y.	7 dams--------	21	9,571	3.4	330
Sire, 770321; dam, 1812350.	Difference----	(4-7-4)	+536	+.2	+38
Herd Owner, David Davies, Jr., Cuba.					
SEDGLAND DIAMOND KING 803489----------	24 daughters--	36	11,935	3.4	401
Born, 9-28-39; proved, 12-4-47;----; Wis.	24 dams-------	92	11,531	3.3	376
Sire, 653086; dam, 1530003.	Difference----	(13-18-14)	+404	+.1	+25
Herd Owner, William C. Tank, Sr., Sauk City.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
SEGIS ARTIS WAYNE (TWIN) 771216----------	29 daughters--	34	11,748	3.4	404
Born, 2-18-39; proved, 12-9-47;----; Wis.	21 daughters--	25	11,868	3.4	408
Sire, 696958; dam, 1542372.	21 dams-------	40	10,604	3.3	354
Herd Owner, E. R. & E. J. Kaderly, Juda.	Difference----	(13-16-15)	+1,264	+.1	+54
SHANLEY ROBERT CHIEFTAIN 781492----------	12 daughters--	15	9,798	3.4	329
Born, 8-20-38; proved, 12-31-47;----; Wis.	9 daughters---	10	9,706	3.3	321
Sire, 733104; dam, 2046706.	9 dams--------	17	9,893	3.4	332
Herd Owner, Bonner Brothers, Kansasville.	Difference----	(5-7-4)	-187	-.1	-11
SILVIS FARM DEAN BELLE MARATHON 797919----------	12 daughters--	20	11,524	3.6	417
Born, 12-6-39; proved, 12-31-47;----; Pa.	10 daughters--	17	11,556	3.6	421
Sire, 760340; dam, 1894773.	10 dams-------	33	10,345	3.3	341
Herd Owner, Nichol Turkey Farm, Indiana.	Difference----	(7-10-8)	+1,211	+.3	+80
SIR CRESCENT ORMSBY HOMESTEAD 776793----------	8 daughters---	13	9,849	3.6	354
Born, 1-18-38; proved, 12-4-47;----; Wis.	7 daughters---	12	10,196	3.6	369
Sire, 717420; dam, 1585568.	7 dams--------	30	10,060	3.5	352
Herd Owner, Edwin Sette, Juneau.	Difference----	(3-6-4)	+136	+.1	+17
SIR FAYNE CORNUCOPIA PONTIAC 766464----------	5 daughters---	5	8,372	3.6	303
Born, 12-17-37; proved, 12-4-47;----; Iowa.	5 dams--------	11	10,324	3.5	356
Sire, 673240; dam, 1666385.	Difference----	(0-4-0)	-1,952	+.1	-53
Herd Owner, Leo Denner & Kammeyer, Fredericksburg.					
SIR FORBES PERFECTION MERCEDES 836627----------	6 daughters---	6	13,966	3.6	505
Born, 7-31-41; proved, 12-31-47;----; Wis.	6 dams--------	10	12,000	3.8	459
Sire, 805651; dam, 1727291.	Difference----	(5-2-4)	+1,966	-.2	+46
Herd Owner, Elmer Fabian, Adell.					
SIR HELEN PIETERTJE INKA RUE 764389----------	8 daughters---	15	13,758	3.5	485
Born, 9-9-38; proved, 12-31-47;----; Va.	5 daughters---	10	13,592	3.4	467
Sire, 555781; dam, 1910255.	5 dams--------	15	12,452	3.8	469
Herd Owner, Andrew J. Hershberger, Lynnhaven.	Difference----	(4-2-3)	+1,140	-.4	- 2
SIR HENGERVELD COLANTHA VEEMAN 742582----------	38 daughters--	70	12,545	3.5	445
Born, 6-4-36; proved, 12-9-47;----; Pa.	26 daughters--	49	12,591	3.6	452
Sire, 565375; dam, 730679.	26 dams-------	76	12,433	3.5	440
Herd Owner, Carl Johnson, Sugar Grove.	Difference----	(12-18-14)	+158	+.1	+12
SIR INKA MARATHON BURKE 756887----------	12 daughters--	12	12,791	3.6	463
Born, 11-29-37; proved, 12-31-47;----; Oreg.	8 daughters---	8	12,660	3.7	467
Sire, 482118; dam, 1852859.	8 dams--------	14	13,029	3.6	473
Herd Owner, Saint Benedicts Abbey, Mount Angel.	Difference----	(4-5-5)	-369	+.1	- 6
SIR IOWA TRIORM 757796----------	18 daughters--	21	15,507	3.3	517
Born, 6-24-37; proved, 12-11-47;----; Iowa.	12 daughters--	12	15,456	3.3	515
Sire, 708133; dam, 1909856.	12 dams-------	27	12,504	3.4	426
Herd Owner, C. I. Honnold & Son, Slater.	Difference----	(11-7-9)	+2,952	-.1	+89
SIR KERK CREAMELLE COLANTHA 815917----------	10 daughters--	14	10,244	3.4	352
Born, 9-20-40; proved, 12-8-47; dead; N. Y.	9 daughters---	13	10,848	3.4	372
Sire, 689660; dam, 1935279.	9 dams--------	51	12,126	3.4	413
Herd Owner, Graham Brothers, Swan Lake.	Difference----	(3-7-3)	-1,278	.0	-41
SIR OAK LONGFIELD HOMESTEAD 674498----------	16 daughters--	59	9,540	3.5	332
Born, 9-15-30; proved, 12-8-47;----; Wis.	5 daughters---	21	9,336	3.5	326
Sire, 483992; dam, 476714.	5 dams--------	17	9,679	3.4	330
Herd Owner, Edwin Sette, Juneau.	Difference----	(1-4-2)	-343	+.1	- 4
SIR ORMSBY SKYLARK BARBETTA 761980----------	29 daughters--	49	11,848	3.7	441
Born, 5-18-38; proved, 12-31-47;----; Wis.	16 daughters--	27	12,321	3.8	474
Sire, 677647; dam, 1619213.	16 dams-------	63	13,340	3.7	493
Herd Owner, Phill T. Robers, Lake Geneva.	Difference----	(5-14-5)	-1,019	+.1	-19
SIR PRINCE INKA SNOWBALL 743041----------	21 daughters--	34	13,981	3.3	457
Born, 8-3-36; proved, 12-3-47;----; Wash.	16 daughters--	29	14,313	3.3	471
Sire, 687889; dam, 1633145.	16 dams-------	53	12,782	3.3	428
Herd Owner, Western State Custodial School, Buckley.	Difference----	(14-9-11)	+1,531	.0	+43
SIR TAYLAKER ORMSBY GETTIE 686679 *5----------	25 daughters--	79	16,087	3.5	570
Born, 3-28-33; proved, 12-31-47;----; Calif.	24 daughters--	78	16,089	3.5	570
Sire, 554915; dam, 1538205.	24 dams-------	130	14,267	3.4	485
Herd Owner, J. W. Taylor, Visalia.	Difference----	(21-19-20)	+1,822	+.1	+85
SOWISCOL TRIUNE PRINCE WALDORF DOT 654019----------	10 daughters--	12	11,614	3.5	411
Born, 12-13-31; proved, 12-31-47;----; Ill.	5 daughters---	6	11,694	3.7	430
Sire, 558805; dam, 1361672.	5 dams--------	6	11,853	3.5	418
Herd Owner, Louis Lauffer, Mokena.	Difference----	(2-3-3)	-159	+.2	+12
STEILACOOM HARTOG ORMSBY WAYNE 763396----------	8 daughters---	13	10,999	3.7	402
Born, 7-20-38; proved, 12-10-47;----; Wash.	7 daughters---	10	11,201	3.6	407
Sire, 651373; dam, 1585292.	7 dams--------	12	8,329	3.7	305
Herd Owner, J. C. White, Orting.	Difference----	(6-4-6)	+2,872	-.1	+102

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
STORRS COLANTHA PERFECTION 698488----------	16 daughters--	23	9,138	3.4	311
Born, 11-5-33; proved, 12-8-47;----; Conn.	13 daughters--	16	8,766	3.3	293
Sire, 382496; dam, 1136898.	13 dams-------	40	11,816	3.5	412
Herd Owner, Adolph Newmarker, Rockville.	Difference----	(1-4-1)	-3,050	-.2	-119
S T S JOE BARON 774721----------	7 daughters---	10	10,977	3.4	377
Born, 10-25-38; proved, 12-15-47;----; Kans.	5 daughters---	8	10,532	3.4	355
Sire, 649981; dam, 1617328.	5 dams--------	8	12,501	3.5	441
Herd Owner, Kansas Soldiers Home, Fort Dodge.	Difference----	(1-1-0)	-1,969	-.1	-86
TAYLAKER ASTREA ORMSBY BLOSSOM JIM 668553 *5----------	22 daughters--	69	14,957	3.4	508
Born, 3-26-32; proved, 12-31-47;----; Calif.	22 dams-------	123	13,977	3.4	475
Sire, 548169; dam, 1391184.	Difference----	(16-16-14)	+980	.0	+33
Herd Owner, J. W. Taylor, Visalia.					
TAYLAKER ORMSBY GETTIE DE KOL LAD 801938----------	6 daughters---	10	14,757	3.6	533
Born, 12-10-39; proved, 12-31-47;----; Calif.	6 dams--------	17	15,684	3.4	529
Sire, 686679; dam, 1779911.	Difference----	(2-6-2)	-927	+.2	+ 4
Herd Owner, J. W. Taylor, Visalia.					
TEN-KINK DE KOL MCKINLEY SIR ROMEO 759078----------	8 daughters---	18	13,387	3.5	466
Born, 3-7-38; proved, 12-4-47; dead; Wash.	7 daughters---	17	13,423	3.5	464
Sire, 726179; dam, 1507950.	7 dams--------	30	13,473	3.4	459
Used in Walla Walla Valley Co-op. A. B. A.	Difference----	(2-4-4)	- 50	+.1	+ 5
U NEB JUDGE KARMORE 705263----------	19 daughters--	30	11,882	3.5	418
Born, 3-4-35; proved, 12-8-47; dead; Nebr.	14 daughters--	22	12,303	3.5	429
Sire, 580000; dam, 1559980.	14 dams-------	51	11,977	3.7	438
Herd Owner, State Board of Control, Lincoln.	Difference----	(10-5-9)	+326	-.2	- 9
VEENAN BESS BURKE ROSNI 770442----------	7 daughters---	9	9,950	3.6	355
Born, 1-3-39; proved, 12-31-47;----; Va.	5 daughters---	7	8,500	3.7	311
Sire, 489435; dam, 1549362.	5 dams--------	13	8,385	4.5	377
Herd Owner, Mrs. Frank S. Walker, Orange.	Difference----	(4-0-0)	+115	-.8	-66
V P I BURKE ACME 762473----------	20 daughters--	32	9,897	3.4	334
Born, 9-14-38; proved, 12-9-47;----; Va.	9 daughters---	11	11,394	3.3	377
Sire, 375366; dam, 1489108.	9 dams--------	25	9,537	3.5	329
Herd Owner, C. M. Garnett & Sons, Charlottesville.	Difference----	(8-3-7)	+1,857	-.2	+48
V P I ORMSBY EMMA NEPTUNE 744585----------	17 daughters--	26	13,727	3.4	463
Born, 6-30-37; proved, 12-8-47; dead; Va.	9 daughters---	14	13,876	3.3	461
Sire, 662364; dam, 1242539.	9 dams--------	40	12,676	3.5	437
Herd Owner, Mrs. Frank S. Walker, Orange.	Difference----	(6-2-5)	+1,200	-.2	+24
WALKER DAISY BONHEUR FERDINAND 783849----------	10 daughters--	17	11,528	3.6	412
Born, 10-25-38; proved, 12-31-47;----; Pa.	9 daughters---	14	11,271	3.6	408
Sire, 682063; dam, 1863038.	9 dams--------	26	10,006	3.5	352
Herd Owner, Fred D. Myers, Mechanicsburg.	Difference----	(5-8-6)	+1,265	+.1	+56
WESTCOPA ORMSBY SOVEREIGN 764669----------	13 daughters--	26	10,590	3.6	386
Born, 11-7-38; proved, 12-9-47;----; Pa.	10 daughters--	19	10,586	3.6	384
Sire, 712337; dam, 1668256.	10 dams-------	50	10,890	3.3	365
Herd Owner, Indiana County Home, Indiana.	Difference----	(5-8-7)	-304	+.3	+19
WINFARM FAVORITE LYONS 801737----------	15 daughters--	23	11,842	3.6	430
Born, 12-8-39; proved, 12-4-47; dead; N. Y.	13 daughters--	20	12,029	3.7	440
Sire, 730260; dam, 1914744.	13 dams-------	37	11,789	3.8	443
Herd Owner, Nathaniel Hedges & Son, Pine Plains.	Difference----	(7-6-6)	+240	-.1	- 3
WINFARM SENSATION 730260----------	19 daughters--	49	12,394	3.7	453
Born, 11-10-35; proved, 12-10-47; dead; N. Y.	10 daughters--	26	12,871	3.7	470
Sire, 544912; dam, 1593835.	10 dams-------	25	11,087	3.5	392
Herd Owner, Nathaniel Hedges & Son, Pine Plains.	Difference----	(8-6-9)	+1,784	+.2	+78
WINTERTHUR NEBRASKA BOAST TERRY 765514----------	24 daughters--	39	11,704	3.6	422
Born, 5-24-38; proved, 12-4-47; dead; N. J.	17 daughters--	29	11,513	3.5	408
Sire, 671310; dam, 1545982.	17 dams-------	50	11,455	3.4	388
Used in Co-op. A. B. A. #1.	Difference----	(9-14-9)	+ 58	+.1	+20
WINTERTHUR NEBRASKA KING TIVOLI 764402----------	11 daughters--	13	14,124	3.6	506
Born, 3-26-38; proved, 12-31-47;----; N.J.	9 daughters---	11	13,459	3.6	486
Sire, 671310; dam, 1757804.	9 dams--------	18	9,514	3.5	329
Herd Owner, Pilfour Dairy, Neshanic Station.	Difference----	(9-6-9)	+3,945	+.1	+157
WISCONSIN KING CREATOR PLUS 737147----------	12 daughters--	20	11,045	3.3	363
Born, 10-11-36; proved, 12-18-47; dead; W. Va.	8 daughters---	14	11,381	3.3	378
Sire, 702050; dam, 1431343.	8 dams--------	18	11,956	3.5	415
Herd Owner, S. M. & Amos Combs, Lewisburg.	Difference----	(3-3-3)	-575	-.2	-37
WISOF LAVERNO LOIS LOUIE 818752----------	5 daughters---	7	13,303	3.9	517
Born, 1-5-41; proved, 12-31-47;----; Wis.	5 dams--------	19	12,479	3.8	470
Sire, 737501; dam, 1967397.	Difference----	(4-3-4)	+824	+.1	+47
Herd Owner, Oregon State Farm, Oregon.					

HOLSTEIN SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
WYNOLA HOMESTEAD STAR 808048	7 daughters	11	11,066	3.9	437
Born, 9-2-40; proved, 12-31-47;----; N. Y.	7 dams	33	12,528	3.7	469
Sire, 746482; dam, 1400043.	Difference	(2-7-3)	-1,462	+.2	-32
Herd Owner, Cortez J. Pells, Hillsdale.					
ZUMBRIGGEN PRINCE LYONS FORES 790631	13 daughters	19	12,878	3.4	434
Born, 9-30-39; proved, 12-15-47;----; Ill.	10 daughters	15	12,459	3.4	421
Sire, 740848; dam, 1862855.	10 dams	29	12,091	3.5	420
Herd Owner, Wesley A. Newman, Rockford.	Difference	(7-4-6)	+368	-.1	+ 1
21-H8495 (DHIA EARTAG)	5 daughters	7	10,561	3.4	362
Born, ----; proved, 12-29-47;----; N. Y.	5 dams	20	10,510	3.8	403
Sire, ----; dam, ----.	Difference	(3-2-1)	+ 51	-.4	-41
Herd Owner, Leslie S. Tuttle, King Ferry.					
23*AL197 (BANGS OR TB EARTAG)	9 daughters	14	6,885	3.7	253
Born,----; proved, 12-29-47;----; Pa.	6 daughters	8	6,797	3.7	248
Sire, ----; dam, ----.	6 dams	14	8,760	3.3	293
Herd Owner, T. P. Fitzsimmons, Port Allegany.	Difference	(1-5-1)	-1,963	+.4	-45
31-0191 (DHIA EARTAG)	6 daughters	26	10,334	3.8	393
Born, ----; proved, 12-31-47;----; Ohio.	5 daughters	22	10,434	3.8	401
Sire, ----; dam, ----.	5 dams	10	9,293	3.9	359
Herd Owner, Fred J. Meyers & Son, Wellington.	Difference	(3-2-3)	+1,141	-.1	+42
35*EC44028 (BANGS OR TB EARTAG)	10 daughters	13	8,859	3.7	330
Born, ----; proved, 12-31-47;----; Wis.	8 daughters	9	9,143	3.7	336
Sire, ----; dam, ----.	8 dams	29	9,429	3.5	330
Herd Owner, Rothen & Shue, Evansville.	Difference	(5-6-5)	-286	+.2	+ 6
35*HR62788 (BANGS OR TB EARTAG)	7 daughters	12	7,908	4.4	349
Born, ----; proved, 12-17-47;----; Wis.	7 dams	20	8,048	4.5	365
Sire, ----; dam, ----.	Difference	(3-1-2)	-140	-.1	-16
Herd Owner, Herbert Schmidtman, Two Rivers.					
54-0386 (DHIA EARTAG)	14 daughters	15	7,356	3.7	273
Born, ----; proved, 12-31-47;----; W. Va.	14 dams	46	6,734	3.9	261
Sire, ----; dam, ----.	Difference	(8-4-8)	+622	-.2	+12
Herd Owner, Clifford Carson, Mason.					
61-7823 (DHIA EARTAG)	5 daughters	5	11,525	3.3	375
Born, ----; proved, 12-10-47;----; Ky.	5 dams	19	13,281	3.5	461
Sire, ----; dam, ----.	Difference	(2-1-1)	-1,756	-.2	-86
Herd Owner, R. L. Duncan, La Grange.					
84-5849 (DHIA EARTAG)	22 daughters	32	9,016	3.6	322
Born, ----; proved, 12-17-47;----; Colo.	16 daughters	23	9,036	3.5	317
Sire, ----; dam, ----.	16 dams	58	9,171	3.7	337
Herd Owner, Holland Dairy Co., Colorado Springs.	Difference	(7-6-5)	-135	-.2	-20

JERSEY SIRES

AGGIE'S FAUVIC OWL 341223	9 daughters	23	7,020	5.2	363
Born, 3-19-31; proved, 12-31-47;----; Vt.	5 daughters	10	6,980	5.4	377
Sire, 230960; dam, 587595.	5 dams	7	7,463	5.1	380
Herd Owner, Vermont State School of Agriculture,Randolph Center	Difference	(1-3-3)	-483	+.3	- 3
ASHLEY KING GIPSY BUD 375579	6 daughters	12	7,756	5.3	409
Born, 4-20-36; proved, 12-5-47; dead; Idaho.	6 dams	16	7,562	4.7	359
Sire, 353983; dam, 1030288.	Difference	(3-5-6)	+194	+.6	+50
Herd Owner, Henry W. Reimann, Roy.					
BARONET GOLDEN CHALLENGER 404511 *11	23 daughters	47	8,434	4.8	403
Born, 8-10-39; proved, 12-29-47;----; Minn.	20 daughters	41	8,539	4.7	404
Sire, 381020; dam, 911434.	20 dams	56	8,575	4.5	382
Herd Owner, Gordon Hosfield, Medford.	Difference	(10-8-11)	- 36	+.2	+22
BEAUTY ROUMANIAN SULTAN 372318	19 daughters	29	6,621	5.6	368
Born, 8-27-35; proved, 12-31-47;----; N. Y.	11 daughters	12	6,410	5.5	351
Sire, 289586; dam, 927884.	11 dams	23	6,570	5.1	332
Herd Owner, Murray J. Fisher & Son, Madrid.	Difference	(4-8-8)	-160	+.4	+19
BINDLE'S ROYAL FRANCHISE 434694	8 daughters	10	8,566	5.1	438
Born, 8-4-41; proved, 12-17-47;----; Iowa.	8 dams	26	7,907	5.5	431
Sire, 405292; dam, 1134421.	Difference	(7-1-4)	+659	-.4	+ 7
Herd Owner, Iowa State College, Ames.					
BINDLE VOLANTE 391578	6 daughters	6	7,817	5.5	430
Born, 1-6-38; proved, 12-22-47; dead; Ohio.	6 dams	21	8,049	5.2	420
Sire, 367164; dam, 999185.	Difference	(3-4-3)	-232	+.3	+10
Herd Owner, Ohio State University, Columbus.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
BOWLINA OBSERVER SULTAN 349913----------	16 daughters--	39	8,035	5.2	415
Born, 11-10-31; proved, 12-16-47;----; Calif.	7 daughters---	18	7,952	5.1	405
Sire, 321818; dam, 851146.	7 dams--------	27	7,767	5.0	391
Herd Owner, Peter J. Shields, East Nicolaus.	Difference----	(3-4-3)	+185	+.1	+14
BROOKHILL CREAMY'S BARON 271964----------	17 daughters--	33	7,570	5.3	404
Born, 4-21-27; proved, 12-22-47;----; Pa.	9 daughters---	22	6,522	5.7	369
Sire, 142559; dam, 595402.	9 dams--------	29	7,666	5.3	405
Herd Owner, McCandless Brothers, Butler.	Difference----	(2-7-4)	-1,144	+.4	-36
CLIFORNIA DESIGN 394098----------	12 daughters--	32	9,644	5.0	484
Born, 4-2-38; proved, 12-17-47; dead; Calif.	9 daughters---	25	9,926	5.1	502
Sire, 336549; dam, 976215.	9 dams--------	49	10,259	5.1	523
Herd Owner, Guy H. Miller, Modesto.	Difference----	(3-5-3)	-333	.0	-21
DAISY'S SYBIL BEAU 376708----------	17 daughters--	37	7,220	4.9	357
Born, 8-17-36; proved, 12-4-47; dead; Md.	9 daughters---	19	7,658	4.8	370
Sire, 347174; dam, 1102753.	9 dams--------	20	7,583	4.8	364
Herd Owner, Glenn McGrady, Rising Sun.	Difference----	(4-7-5)	+ 75	.0	+ 6
DOTTRINA'S NOBLE AIM 391413----------	13 daughters--	23	8,013	5.4	433
Born, 2-12-38; proved, 12-31-47;----; Va.	11 daughters--	20	8,182	5.5	447
Sire, 370401; dam, 1117170.	11 dams-------	34	8,173	5.5	451
Herd Owner, J. S. & Paul Roller, Timberville.	Difference----	(5-6-4)	+ 9	.0	- 4
DREAMING GIRL'S EMBLEM OF H. F. 400220 *(Aug. 1947)----------	14 daughters--	19	6,721	5.5	372
Born, 8-18-38; proved, 12-31-47;----; Pa.	14 dams-------	52	6,996	5.1	354
Sire, 359463; dam, 1075387.	Difference----	(6-12-10)	-275	+.4	+18
Herd Owner, Richard Conner, West Grove.					
DREAMOST SYBIL PRINCE OF N. F. 396758----------	9 daughters---	16	5,472	5.1	278
Born, 8-20-38; proved, 12-29-47;----; Mich.	8 daughters---	14	5,539	5.1	282
Sire, 373082; dam, 824480.	8 dams--------	32	6,164	4.8	295
Herd Owner, Walter Wolfgang, Chelsea.	Difference----	(0-6-4)	-625	+.3	-13
DUKE FAUVIC GAMBOGE KNIGHT 393960----------	6 daughters---	13	6,689	5.1	343
Born, 10-7-37; proved, 12-17-47;----; Iowa.	6 dams--------	21	7,523	5.5	412
Sire, 259690; dam, 914254.	Difference----	(1-2-0)	-834	-.4	-69
Herd Owner, Herman D. Rogers & V. C. Crow, Shellsburg.					
ELIZABETH'S DREAMING SAMUEL 393347----------	9 daughters---	15	6,267	4.9	310
Born, 12-26-37; proved, 12-31-47;----; Pa.	7 daughters---	12	6,102	5.1	310
Sire, 349520; dam, 922241.	7 dams--------	26	6,895	5.6	383
Herd Owner, Lee Critchlow, Harrisville.	Difference----	(3-1-2)	-793	-.5	-73
FASHIONABLE SYBIL WONDER 371669----------	12 daughters--	32	7,213	5.1	367
Born, 8-4-34; proved, 12-4-47; dead; Md.	7 daughters---	18	6,743	5.3	355
Sire, 301705; dam, 980022.	7 dams--------	11	7,429	4.9	365
Herd Owner, Ennis Ray McGrady, Rising Sun.	Difference----	(1-6-2)	-686	+.4	-10
FAUVIC CHOICE LAD 372124----------	17 daughters--	30	8,473	4.7	397
Born, 3-11-35; proved, 12-4-47; dead; Ohio.	13 daughters--	25	8,584	4.7	401
Sire, 324996; dam, 914526.	13 dams-------	29	7,201	5.2	373
Herd Owner, W. D. Kahler, Westerville.	Difference----	(12-1-10)	+1,383	-.5	+28
FLOSS' DUKE MODEL SANDOR 386941----------	19 daughters--	38	6,652	5.0	331
Born, 7-9-37; proved, 12-16-47; dead; Vt.	15 daughters--	31	6,604	4.9	326
Sire, 369058; dam, 1026876.	15 dams-------	51	7,039	4.7	333
Used in Vermont Co-op. A. B. A., Inc.	Difference----	(7-10-5)	-435	+.2	- 7
GIPSY POGIS YOU'LL DO R. F. 389919----------	14 daughters--	15	10,156	4.9	496
Born, 10-4-35; proved, 12-5-47;----; Calif.	10 daughters--	10	10,130	5.0	502
Sire, 389345; dam, 864147.	10 dams-------	14	9,728	5.0	490
Herd Owner, Guy L. Mann, Bodega Bay.	Difference----	(7-6-5)	+402	.0	+12
GOLD BOND STAR 371082----------	19 daughters--	38	7,681	4.9	373
Born, 12-31-35; proved, 12-16-47;----; Ohio.	9 daughters---	20	7,724	4.9	381
Sire, 357879; dam, 948765.	9 dams--------	23	8,227	4.8	393
Herd Owner, H. L. Patterson, La Fayette.	Difference----	(2-5-3)	-503	+.1	-12
GOLDEN DESIGN PEER 382578----------	12 daughters--	15	5,286	5.2	277
Born, 9-17-36; proved, 12-10-47;----; Conn.	12 dams-------	31	6,680	5.4	359
Sire, 325975; dam, 1050072.	Difference----	(0-5-1)	-1,394	-.2	-82
Herd Owner, Peet Farm, South Kent.					
GOLDEN OWL RADFORD 371917----------	10 daughters--	22	5,988	5.1	302
Born, 1-2-36; proved, 12-16-47; dead; Vt.	5 daughters---	11	6,015	5.1	308
Sire, 251626; dam, 956936.	5 dams--------	14	7,306	4.5	331
Herd Owner, C. C. Stanley & Son, Enosburg Falls.	Difference----	(1-5-2)	-1,291	+.6	-23
HOLMAW GOLDIE MODEL ACE 375447----------	8 daughters---	9	6,857	4.7	321
Born, 8-29-35; proved, 12-9-47; dead; Miss.	6 daughters---	6	7,161	4.6	327
Sire, 230503; dam, 970124.	6 dams--------	15	7,288	4.6	338
Herd Owner, J. C. Williams, Hernando.	Difference----	(3-4-4)	-127	.0	-11

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
IMP. DESIGN ROYALIST 385830----------	15 daughters--	26	7,285	5.4	392
Born, 8-1-36; proved, 12-31-47;----; Ohio.	13 daughters--	23	7,318	5.4	393
Sire, P. S. 7020 H. C.; dam, P. S. 42547 H. C.	13 dams-------	33	8,028	5.0	400
Herd Owner, Niderdale Farms, Middleton.	Difference----	(6-11-6)	-710	+.4	- 7
LADY'S OWL FERN CHIEF 380843----------	9 daughters---	11	8,517	4.9	415
Born, 11-9-36; proved, 12-31-47;----; Ill.	8 daughters---	9	8,575	4.9	416
Sire, 366516; dam, 999765.	8 dams--------	27	8,378	5.3	442
Herd Owner, B. Everett Leigh, St. Augustine.	Difference----	(4-2-3)	+197	-.4	-26
MOTICHKA PRINCE EAGLE 386007----------	8 daughters---	19	7,146	4.3	308
Born, 3-5-37; proved, 12-10-47;----; Pa.	5 daughters---	10	7,601	4.2	322
Sire, 365269; dam, 1019672.	5 dams--------	25	7,351	4.3	316
Herd Owner, George Motichka, Jr., Moscow.	Difference----	(3-2-3)	+250	-.1	+ 6
NOBLE PEER OF ROSSMERE 393019----------	50 daughters--	86	8,572	5.2	442
Born, 2-10-38; proved, 12-24-47;----; Wash.	45 daughters--	77	8,492	5.1	437
Sire, 367594; dam, 1022911.	45 dams-------	167	9,543	5.2	494
Herd Owner, W. F. Nelson, Walla Walla.	Difference----	(16-24-15)	-1,051	-.1	-57
OWL CHIEF GOLDEN KING H. 399416----------	12 daughters--	22	7,568	5.2	392
Born, 3-1-38; proved, 12-17-47;----; Mass.	10 daughters--	18	7,315	5.2	379
Sire, 374274; dam, 891535.	10 dams-------	31	7,970	5.3	419
Herd Owner, Miss Harriet Harris, Deerfield.	Difference----	(3-5-3)	-655	-.1	-40
OXFORD SYBIL WONDERFUL LAD 387980----------	12 daughters--	17	8,298	5.1	421
Born, 7-17-36; proved, 12-16-47;----; Mich.	11 daughters--	14	8,203	5.1	416
Sire, 366307; dam, 1075392.	11 dams-------	13	8,298	5.2	431
Herd Owner, Emmett H. Davis, Rockford.	Difference----	(4-6-4)	- 95	-.1	-15
OXFORD VICTRESS SIR GALAHAD 393010----------	10 daughters--	16	6,947	5.6	387
Born, 7-3-37; proved, 12-22-47;----; N. Y.	9 daughters---	15	6,878	5.6	385
Sire, 289957; dam, 731866.	9 dams--------	31	7,230	5.5	394
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference----	(5-5-6)	-352	+.1	- 9
PEDRO'S PRIMROSE LAD 393048----------	14 daughters--	16	7,997	5.0	398
Born, 4-26-38; proved, 12-5-47; alive; Mo.	10 daughters--	12	7,895	4.8	379
Sire, 347744; dam, 950407.	10 dams-------	26	7,841	5.2	408
Herd Owner, P. R. Smith, Joplin.	Difference----	(5-2-3)	+ 54	-.4	-29
PENSTATE RALEIGH POGIS 370605----------	9 daughters---	16	7,994	4.9	395
Born, 4-21-35; proved, 12-4-47;----; Pa.	7 daughters---	13	7,739	5.1	392
Sire, 312031; dam, 622765.	7 dams--------	17	8,742	4.9	426
Herd Owner, Edward Kosa & Sons, Ulysses.	Difference----	(2-4-3)	-1,007	+.2	-34
RAYMOND HOBBY 390495----------	17 daughters--	20	5,156	5.1	263
Born, 11-26-35; proved, 12-5-47; dead; N. H.	12 daughters--	15	5,085	4.9	250
Sire, 314343; dam, 867524.	12 dams-------	26	6,174	4.9	305
Herd Owner, Walter E. Quimby & Sons, Fremont.	Difference----	(4-7-2)	-1,089	.0	-55
REMUS NICHOLAS CHAMPION 392207----------	8 daughters---	26	6,777	5.2	355
Born, 3-7-38; proved, 12-31-47;----; Utah.	5 daughters---	15	6,778	5.3	361
Sire, 364564; dam, 1041425.	5 dams--------	21	6,000	5.6	336
Used in Weber Co. A. B. A.	Difference----	(4-2-3)	+778	-.3	+25
TORONO FERN PATHFINDER 390991----------	7 daughters---	12	7,318	5.6	412
Born, 11-18-37; proved, 12-16-47;----; Mo.	7 dams--------	16	7,624	5.1	391
Sire, 313254; dam, 924503.	Difference----	(2-6-4)	-306	+.5	+21
Herd Owner, A. W. Luke, Clarksville.					
TORONO KID PAYMASTER 394184----------	10 daughters--	22	6,330	5.7	361
Born, 4-30-38; proved, 12-17-47;----; Pa.	10 dams-------	52	7,116	5.2	370
Sire, 358648; dam, 1053790.	Difference----	(2-8-3)	-786	+.5	- 9
Herd Owner, Harry R. Couch, Shelocta.					
VICTORE'S FANCY LAD 375564----------	11 daughters--	14	8,526	5.2	440
Born, 3-19-35; proved, 12-9-47; dead; Mo.	6 daughters---	9	9,550	5.1	492
Sire, 351547; dam, 943759.	6 dams--------	15	7,688	5.4	415
Herd Owner, Ralph L. Smith, Chillicothe.	Difference----	(5-2-5)	+1,862	-.3	+77
WELCOME PIONEER 354461----------	10 daughters--	11	6,643	5.2	345
Born, 4-30-33; proved, 12-9-47; dead; Miss.	8 daughters---	9	6,457	5.3	341
Sire, 337129; dam, 700553.	8 dams--------	10	5,898	5.4	316
Herd Owner, Sims Brothers, Tupelo.	Difference----	(4-4-5)	559	-.1	+25
YOU'LL DO FLY VOLUNTEER 334036----------	13 daughters--	30	8,056	4.8	390
Born, 4-7-30; proved, 12-16-47;----; Ohio.	6 daughters---	12	8,705	4.8	420
Sire, 238112; dam, 687783.	6 dams--------	19	6 695	5.3	356
Herd Owner, Walter L. Ellis & Son, Waynesville.	Difference----	(5-1-5)	+2,010	-.5	+64
391607----------	9 daughters---	16	7,579	5.0	381
Born, ----; proved, 12-17-47;----; Kans.	9 dams--------	34	6,042	5.5	330
Sire, ----; dam, ----.	Difference----	(7-3-6)	+1,537	-.5	+51
Herd Owner, J. Lawrence Byler, Wellington.					

JERSEY SIRES	Animals (number)	Records averaged (number)	Milk (pounds)	Test (percent)	Fat (pounds)
397158----------	9 daughters---	9	7,005	5.8	405
Born, ----; proved, 12-31-47;----; Maine.	7 daughters---	7	7,426	5.8	428
Sire, ----; dam, ----.	7 dams--------	12	7,635	5.2	396
Herd Owner, R. H. Boothby & Son, Livermore Falls.	Difference----	(4-6-5)	-209	+.6	+32
13*128037 (BANGS OR TB EARTAG)----------	10 daughters--	11	5,941	4.9	289
Born, ----; proved, 12-31-47;----; Vt.	5 daughters---	6	5,636	5.1	290
Sire, ----; dam, ----.	5 dams--------	7	6,743	5.3	355
Herd Owner, Max Wilson, Randolph.	Difference----	(0-2-0)	-1,107	-.2	-65
34-D9440 (DHIA EARTAG)----------	11 daughters--	17	6,545	5.1	335
Born, ----; proved, 12-17-47;----; Mich.	8 daughters---	12	6,382	5.2	329
Sire, ----; dam, ----.	8 dams--------	37	7,524	4.6	345
Herd Owner, Glen Gruner, Coldwater.	Difference----	(1-7-2)	-1,142	+.6	-16
SHORTHORN SIRES					
BUXTON 1837982----------	9 daughters---	11	5,634	3.9	220
Born, 7-14-35; proved, 12-29-47;----; W. Va.	6 daughters---	7	5,608	4.0	222
Sire, 1766899; dam, 1612512.	6 dams--------	12	6,111	4.0	247
Herd Owner, C. C. Lewis, Point Pleasant.	Difference----	(2-2-2)	-503	.0	-25
DARLINGTON DICK PRIDE 1971001----------	10 daughters--	10	8,174	4.0	325
Born, 7-31-38; proved, 12-9-47;----; Mich.	6 daughters---	6	8,030	3.9	313
Sire, 1853013; dam, 1383190.	6 dams--------	18	8,487	4.0	340
Herd Owner, Oscar Overholt & Sons, Levering.	Difference----	(2-2-1)	-457	-.1	-27
HOLLANDALE FAME 1872628----------	10 daughters--	22	7,704	3.9	302
Born, 5-8-36; proved, 12-31-47;----; Iowa.	7 daughters---	18	7,337	3.9	289
Sire, 1788135; dam, 1689152.	7 dams--------	19	8,667	3.9	339
Herd Owner, Ivan S. Dickinson, Shellsburg.	Difference----	(2-4-2)	-1,330	.0	-50
NATICK RED CYRUS 1775239----------	9 daughters---	20	6,946	3.6	253
Born, 3-30-33; proved, 12-29-47;----; Ill.	5 daughters---	12	6,733	3.6	244
Sire, 1403526; dam, 1437360.	5 dams--------	11	7,639	3.7	285
Herd Owner, William J. McRoberts, Harvard.	Difference----	(2-3-2)	-906	-.1	-41
RED PRINCE CHARLIE 1989738----------	7 daughters---	11	8,977	4.2	381
Born, 8-12-39; proved, 12-10-47;----; Kans.	7 dams--------	20	7,781	4.1	316
Sire, 1765783; dam, 1778261.	Difference----	(5-5-5)	+1,196	+.1	+65
Herd Owner, Clarence Clarke, Great Bend.					
ROYAL CHIEF 2016838----------	6 daughters---	8	7,987	3.7	292
Born, 9-15-39; proved, 12-31-47;----; Mich.	5 daughters---	7	8,272	3.7	308
Sire, 1704507; dam, 1846028.	5 dams--------	14	8,645	3.7	320
Herd Owner, William Bissett & Sons, Sandusky.	Difference----	(2-2-2)	-373	.0	-12
WACHUSETT DUTCHMAN 1906906----------	15 daughters--	20	7,295	4.1	302
Born, 8-17-37; proved, 12-9-47; dead; Vt.	8 daughters---	11	7,562	.4.0	306
Sire, 1789622; dam, 1602763.	8 dams--------	19	7,512	4.2	314
Herd Owner, W. P. Blodgett, Bradford.	Difference----	(4-4-4)	+ 50	-.2	- 8
WOODSIDE IMPERIAL 1980525----------	6 daughters---	6	6,206	3.7	231
Born, 5-18-39; proved, 12-31-47;----; Ky.	5 daughters---	5	6,510	3.8	245
Sire, 1860613; dam, 1947976.	5 dams--------	7	5,344	3.3	177
Herd Owner, Hart & Roser, Lexington.	Difference----	(3-4-4)	+1,166	+.5	+68

AMERICAN DAIRY CATTLE CLUB SIRES

CORNELL BLEND REPEATER 584
(This sire is also a registered Holstein "Cornell Blend Repeater 776652." Proved Sire data included in Holstein listing.)

GENODALE ORMSBY 944
(This sire is also a registered Holstein "Genodale Ormsby 748807." Proved Sire data included in Holstein listing.)

MONTVIC PATHFINDER RAG APPLE 722
(This sire is also a registered Holstein "Montvic Pathfinder Rag Apple 733105." Proved Sire data included in Holstein listing.)

ORMSBY KORNDYKE PIEBE WAYNE 369
(This sire is also a registered Holstein "Ormsby Korndyke Piebe Wayne 758510." Proved Sire data included in Holstein listing.)

U NEB JUDGE KARMORE 84
(This sire is also a registered Holstein "U Neb Judge Karmore 705263." Proved Sire data included in Holstein listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 24, No. 2

February 1948

Dairy-Herd-Improvement Associations in the United States Active January 1, 1948 (As reported by State extension dairymen)

Dairy-herd-improvement-association work in the United States continued its postwar growth and reached an all-time peak during 1947. More associations were operating and more herds and cows were on test January 1, 1948, than ever before.

On January 1, 1948, there were 1,668 associations in operation, with 33,274 herds consisting of 886,129 cows on test. Compared with January 1, 1947, this represents an increase of 242, or 17.0 percent, in number of associations; an increase of 4,462, or 15.5 percent, in number of herds; and an increase of 110,583, or 14.2 percent, in number of cows on test.

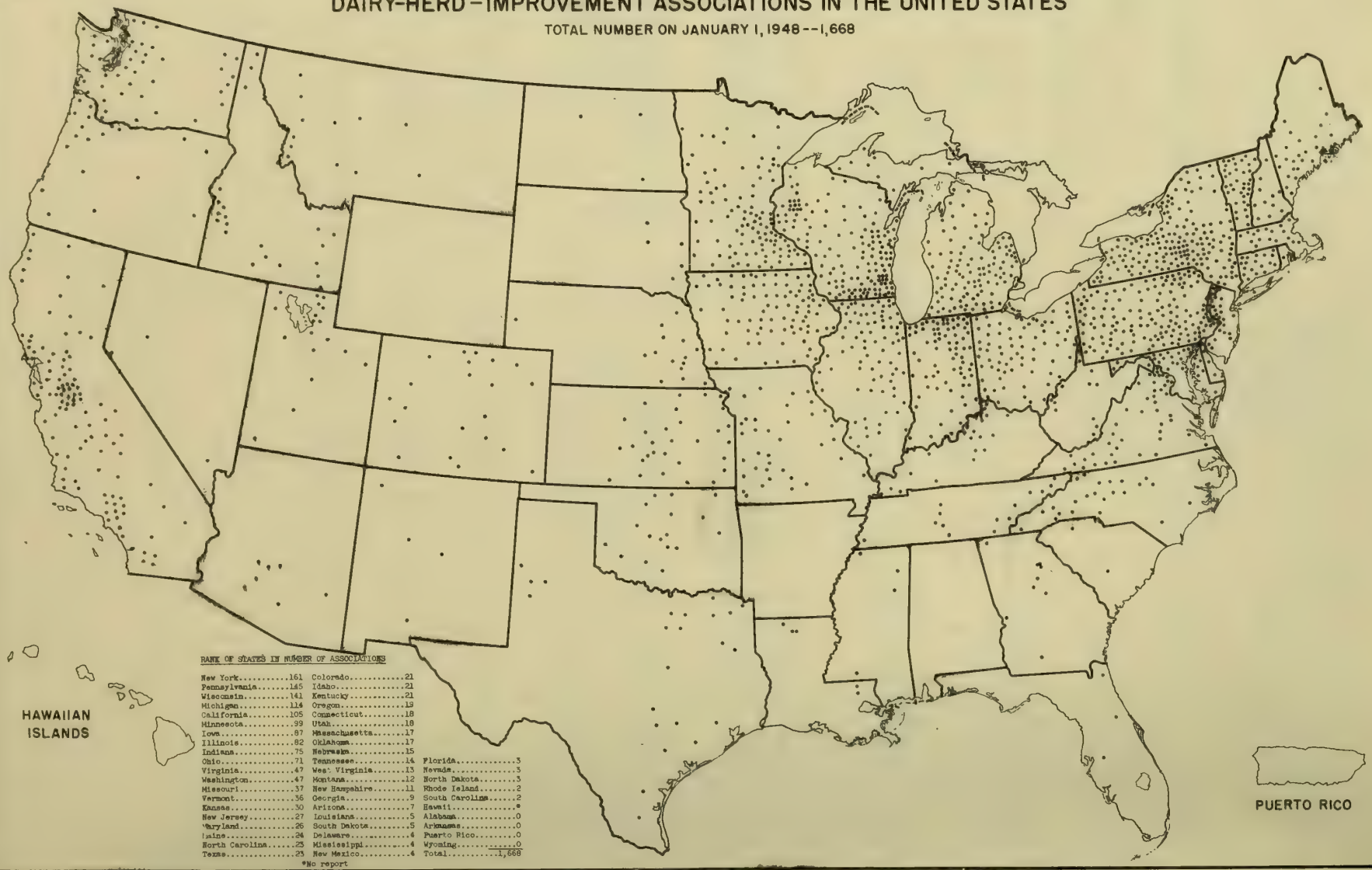
California, with 153,079 cows on test, which is 17.0 percent of the cows in the State, leads the States in number of cows being tested.

Wisconsin, with 3,317 herds on standard test, leads in number of herds being tested.

Data on the status of dairy-herd-improvement-association work by States are given on the following pages.

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES

TOTAL NUMBER ON JANUARY 1, 1948--1,668



RANK OF STATES IN NUMBER OF ASSOCIATIONS

New York	161	Colorado	21		
Pennsylvania	145	Idaho	21		
Wisconsin	141	Kentucky	21		
Michigan	114	Oregon	19		
California	105	Connecticut	18		
Minnesota	99	Utah	18		
Iowa	87	Massachusetts	17		
Illinois	82	Oklahoma	17		
Indiana	75	Nebraska	15		
Ohio	71	Tennessee	14	Florida	3
Virginia	47	West Virginia	13	Nevada	3
Washington	47	Montana	12	North Dakota	3
Missouri	37	New Hampshire	11	Rhode Island	2
Vermont	36	Georgia	9	South Carolina	2
Kansas	30	Arizona	7	Hawaii	*
New Jersey	27	Louisiana	5	Alabama	0
Maryland	26	South Dakota	5	Arkansas	0
Maine	24	Delaware	4	Puerto Rico	0
North Carolina	23	Mississippi	4	Wyoming	0
Texas	23	New Mexico	4	Total	1,668

*No report

DAIRY-HERD-IMPROVEMENT ASSOCIATION IN THE UNITED STATES

(Active January 1, 1948)

State	Associations	Herds	Cows	Average per association: Herds	Average per association: Cows	Milk cows in U.S. 1/: Total	Milk cows in U.S. 1/: in DHIA's
	Number	Number	Number	Number	Number	Thousands	Percent
Maine	24	447	9,298	18.6	387	132	7.0
N. H	11	210	5,584	19.1	508	73	7.6
Vt	36	673	20,545	18.7	571	296	6.9
Mass	17	344	11,396	20.2	670	132	8.6
R. I	2	36	1,198	18.0	599	22	5.4
Conn	18	345	11,182	19.2	621	123	9.1
N. Y	161	3,161	87,568	19.6	544	1,439	6.1
Pa	145	3,251	71,137	22.4	491	990	7.2
N. J	27	576	21,204	21.3	785	158	13.4
Md	26	546	16,014	21.0	616	232	6.9
Del	4	83	2,099	20.8	525	38	5.5
Va	47	778	31,944	16.6	680	469	6.8
W. Va	13	240	6,035	18.5	464	229	2.6
Ky	21	293	7,158	14.0	341	616	1.2
N. C	23	181	5,751	7.9	250	376	1.5
S. C	2	43	1,750	21.5	875	179	1.0
Ga	9	80	4,094	8.9	455	395	1.0
Fla	3	21	2,155	7.0	718	148	1.5
Ala	0	0	0	-----	-----	435	0
Miss	4	41	1,370	10.2	342	543	0.3
Tenn	14	213	6,238	15.2	446	627	1.0
La	5	53	2,190	10.6	438	342	0.6
Ark	0	0	0	-----	-----	445	0
Ohio	71	1,297	24,077	18.3	339	1,071	2.2
Ind	75	1,375	23,590	18.3	315	774	3.0
Ill	82	1,765	34,485	21.5	421	1,086	3.2
Mich	114	2,584	43,474	22.7	381	1,017	4.3
Wis	141	3,317	80,091	23.5	568	2,508	3.2
Minn	99	2,197	41,110	22.2	415	1,579	2.6
Iowa	87	2,033	35,239	23.4	405	1,270	2.8
Mo	37	676	14,062	18.3	380	975	1.4
N. Dak	3	58	1,029	19.3	343	444	0.2
S. Dak	5	83	1,587	16.6	317	411	0.4
Nebr	15	247	4,340	16.5	289	514	0.8
Kans	30	655	11,478	21.8	383	655	1.8
Okla	17	96	2,937	5.6	173	704	0.4
Tex	23	295	11,648	12.8	506	1,351	0.9
Mont	12	191	4,294	15.9	358	134	3.2
Idaho	21	475	7,423	22.6	353	234	3.2
Wyo	0	0	0	-----	-----	60	0
Nev	3	33	882	11.0	294	20	4.4
Utah	18	598	9,800	33.2	544	115	8.5
Colo	21	185	4,886	8.8	233	215	2.3
N. Mex	4	42	1,417	10.5	354	60	2.4
Ariz	7	138	7,953	19.7	1,136	47	16.9
Wash	47	993	27,292	21.1	581	336	8.1
Oreg	19	561	14,046	29.5	739	243	5.8
Calif	105	1,765	153,079	16.8	1,458	903	17.0
P. R	0	0	0	-----	-----	-----	0
Hawaii	(2)					(3)	
Total or average	1,668	33,274	886,129	19.9	531	25,165	3.5

1/ Estimated by the Bureau of Agricultural Economics; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1948.
2/ No report.
3/ 10,562; estimated by the Economics Department, University of Hawaii.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1906-30, inclusive) 1/

	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1927	1928	1929	1930
Mich 2/-	5	4	3	4	4	3	3	10	15	7	13	14	11	17	53	105	108	102	105	94	90
Maine 3/-	4	3	6	5	4	5	8	11	5	1	0	0	0	3	4	2	1	0	0	0	5
N.Y. 4/---	1	3	9	18	21	29	35	47	43	19	25	28	24	31	27	24	28	36	42	54	51
[illegible]------	2	8	10	11	17	28	33	38	47	18	12	18	17	21	20	17	23	23	25	23	23
Iowa-----	2	5	4	8	7	8	13	23	30	15	11	14	17	22	47	56	61	77	86	101	101
Calif----	1	3	2	4	4	5	7	9	15	16	14	18	21	21	27	20	30	35	32	32	33
Wis------	9	10	10	8	11	24	37	51	81	112	105	115	103	127	151	176	169	159	166	154	142
Nebr-----	1	0	0	0	3	2	3	4	4	2	2	0	0	1	4	2	6	10	17	23	28
Colo-----	---	1	1	2	1	1	0	0	3	5	5	5	4	6	6	7	6	5	9	14	15
Pa-------	---	1	1	2	2	7	14	19	24	21	35	64	46	45	36	42	43	49	65	76	88
Ohio-----	---	1	0	0	1	4	5	20	30	24	24	41	35	36	36	21	25	28	29	39	38
Wash-----	---	1	3	1	0	0	1	12	18	11	9	6	10	10	11	10	8	11	10	12	15
Md-------	---	---	1	3	3	2	4	7	8	4	2	6	7	6	4	9	10	8	7	8	9
Ill------	---	---	4	3	2	7	3	3	17	15	27	23	25	24	23	24	26	30	34	51	59
Minn-----	---	---	3	7	10	9	11	22	26	23	21	19	23	37	55	88	84	85	105	117	120
N.H------	---	---	1	1	1	4	8	11	12	8	9	10	10	11	10	5	4	2	4	7	7
Oreg-----	---	---	1	1	1	7	11	15	17	11	6	9	5	5	4	7	8	9	11	14	14
Utah-----	---	---	1	0	0	1	1	0	1	1	0	1	1	1	4	5	4	5	5	5	8
Mass-----	---	---	2	2	2	3	0	4	4	0	0	1	5	6	6	3	6	7	9	11	11
Va-------	---	---	2	2	2	0	0	2	4	4	5	8	10	12	13	15	18	18	20	20	20
Kans-----	---	---	---	---	1	1	1	1	4	6	15	13	13	13	9	9	14	13	14	20	22
Ind------	---	---	---	---	2	2	3	7	9	7	10	5	10	5	6	17	28	31	34	41	51
Ky-------	---	---	---	---	1	1	0	1	1	0	0	5	5	2	3	2	0	2	(5)	8	12
Mo-------	---	---	---	---	---	2	1	2	5	4	5	6	7	11	12	13	19	21	25	34	36
N.J------	---	---	---	---	---	2	3	4	8	9	9	12	8	6	6	6	9	11	17	18	16
W.Va-----	---	---	---	---	---	1	1	3	1	1	1	3	5	5	6	3	3	3	4	6	7
Conn-----	---	---	---	---	---	1	3	6	3	0	0	1	0	2	1	1	2	4	5	3	4
N. C-----	---	---	---	---	---	2	0	0	0	0	0	2	2	0	0	2	5	5	5	8	7
La-------	---	---	---	---	---	1	0	0	0	0	0	1	0	0	0	0	0	1	2	2	2
S.Dak----	---	---	---	---	---	1	1	3	3	0	0	0	0	0	4	11	9	10	8	14	12
Nev------	---	---	---	---	---	---	1	0	1	0	0	0	1	1	4	3	1	3	0	1	0
Ariz-----	---	---	---	---	---	---	---	2	2	1	0	0	2	1	1	2	1	1	2	3	4
R.I------	---	---	---	---	---	---	---	2	2	0	0	4	4	4	3	0	0	0	0	1	1
Del------	---	---	---	---	---	---	---	2	3	2	2	1	0	0	0	0	0	0	0	1	1
Idaho----	---	---	---	---	---	---	---	2	1	1	4	5	6	4	6	8	8	9	12	13	13
Miss-----	---	---	---	---	---	---	---	1	0	0	0	0	3	2	1	1	2	0	1	1	2
Mont-----	---	---	---	---	---	---	---	1	2	0	0	0	0	0	2	4	3	7	7	8	9
Tenn-----	---	---	---	---	---	---	---	1	8	4	6	3	3	4	2	2	2	2	3	7	10
N.Mex----	---	---	---	---	---	---	---	---	1	0	0	0	1	1	1	0	1	1	2	2	1
Wyo------	---	---	---	---	---	---	---	---	1	0	1	0	0	0	0	1	0	0	0	1	1
Ala------	---	---	---	---	---	---	---	---	---	2	1	3	1	1	0	0	0	1	3	4	7
Ga-------	---	---	---	---	---	---	---	---	---	1	0	0	0	0	0	0	0	1	1	2	1
N.Dak----	---	---	---	---	---	---	---	---	---	1	1	1	2	6	8	5	3	6	4	7	9
Okla-----	---	---	---	---	---	---	---	---	---	---	1	1	2	1	3	5	5	5	12	22	25
S.C------	---	---	---	---	---	---	---	---	---	---	1	1	1	0	0	0	0	0	0	1	3
Tex------	---	---	---	---	---	---	---	---	---	---	3	0	0	0	0	0	0	1	3	6	7
Ark------	---	---	---	---	---	---	---	---	---	---	---	1	2	2	2	0	0	0	2	(5)	1
Fla------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	2
P.R------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hawaii---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total--	25	40	64	82	100	163	211	346	459	353	385	468	452	513	627	732	777	837	947	1,090	1,14

1/ Up to and including 1923, data were collected on July 1. Beginning with 1924, reports were made by calendar years, Since 1925, data are as of January 1.
2/ Had 1 association in 1906; 4 in 1907; 2 in 1908.
3/ Had 3 associations in 1908.
4/ Had 1 association in 1908.
5/ No report.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1931-48 inclusive) 1/

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Mich-----	88	69	58	51	46	51	62	69	77	85	89	92	59	61	63	71	93	114
Maine----	5	5	4	3	3	7	11	12	13	13	13	13	3	13	15	16	21	24
N.Y------	69	79	74	69	81	96	105	115	129	134	137	137	101	100	95	115	132	161
Vt-------	28	29	26	27	27	30	36	35	35	39	41	46	38	29	22	30	27	36
Iowa-----	100	82	60	53	52	54	54	59	66	69	73	78	57	54	45	55	70	87
Calif----	31	62	60	52	52	56	59	60	65	64	69	72	60	64	70	78	90	105
Wis------	131	96	78	69	94	95	124	140	154	160	166	178	110	74	68	112	133	141
Nebr-----	29	26	20	17	14	16	18	16	15	15	17	16	14	11	9	10	10	15
Colo-----	15	15	15	11	11	9	11	11	13	12	12	12	12	12	15	13	18	21
Pa-------	88	85	86	83	84	86	91	97	102	107	114	122	118	119	118	117	136	145
Ohio-----	37	36	31	30	27	32	38	47	54	59	60	63	35	25	35	57	71	71
Wash-----	12	15	13	10	10	11	10	12	13	13	16	16	16	15	16	31	36	47
Md-------	13	11	9	11	10	10	14	12	13	14	16	16	8	14	17	21	21	26
Ill------	62	57	53	52	57	63	59	67	72	78	85	87	72	56	58	63	79	82
Minn-----	96	69	45	36	30	30	35	47	53	56	58	59	42	35	33	42	85	99
N.H------	8	9	9	9	9	9	9	9	9	9	9	9	9	8	9	11	10	11
Oreg-----	16	16	14	10	9	10	17	16	20	21	24	24	10	6	6	12	22	19
Utah-----	6	7	1	1	1	2	4	6	9	9	14	14	11	12	12	12	16	18
Mass-----	13	13	14	11	11	13	13	13	17	18	18	18	10	8	7	6	14	17
Va-------	20	25	28	25	23	23	24	28	31	31	35	38	32	28	34	37	44	47
Kans-----	25	18	17	14	13	15	14	13	16	18	20	21	19	15	17	20	21	30
Ind------	37	32	30	30	33	30	37	44	53	59	63	63	46	36	39	49	61	75
Ky-------	12	8	6	6	6	7	7	14	13	15	14	15	11	13	11	11	18	21
Mo-------	34	28	29	24	19	21	23	21	22	23	25	27	23	26	24	28	33	37
N.J------	15	17	16	17	18	19	21	23	25	26	27	30	25	22	23	23	26	27
W.Va-----	9	6	5	6	6	6	6	7	7	7	8	8	8	8	9	10	12	13
Conn-----	4	2	2	2	8	13	15	15	18	19	20	21	16	16	16	16	18	18
N.C------	7	8	9	7	6	6	8	8	10	11	11	12	9	8	7	6	15	23
Ia-------	3	2	6	5	4	11	7	3	3	4	5	4	4	1	1	1	4	5
S.Dak----	12	7	4	4	3	2	2	2	4	6	7	7	4	3	3	1	3	5
Nev------	0	0	0	0	0	1	0	2	2	2	3	4	4	1	2	3	3	3
Ariz-----	3	2	2	2	2	2	2	2	4	4	4	4	3	4	6	4	5	7
R.I------	1	2	2	3	3	3	3	4	4	4	4	3	3	1	1	1	1	2
Del------	1	1	1	1	1	1	1	1	1	3	3	3	1	1	3	3	4	4
Idaho----	12	10	5	4	4	5	7	7	8	7	10	13	9	6	9	11	14	21
Miss-----	3	3	2	1	0	0	0	6	5	7	7	4	2	0	0	0	6	4
Mont-----	9	8	6	4	4	4	5	5	8	8	7	8	4	4	5	5	8	12
Tenn-----	10	8	8	6	4	3	6	13	15	16	16	15	15	13	5	6	10	14
N.Mex----	1	1	1	1	1	1	1	1	1	1	2	2	3	1	1	1	3	4
Wyo------	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	6	0
Ala------	6	4	3	2	1	0	3	5	6	5	5	1	1	1	1	1	(2)	0
Ga-------	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	2	4	9
N.Dak----	9	5	7	5	4	2	2	2	2	2	3	4	7	5	1	2	0	3
Okla-----	21	20	15	15	12	13	11	12	10	12	12	11	9	9	6	2	7	17
S.C------	2	0	1	1	1	1	3	4	5	5	5	5	0	0	0	0	0	2
Tex------	5	5	3	2	3	5	9	12	14	14	20	15	6	7	5	3	13	23
Ark------	3	(2)	1	0	0	0	2	1	4	4	4	4	2	2	(2)	0	0	0
Fla------	0	0	0	0	0	0	0	2	3	4	6	4	3	3	4	3	(2)	3
P.R------	---	---	---	---	---	---	1	1	1	4	1	(2)	(2)	1	1	1	1	0
Hawaii---	---	---	---	---	---	---	---	1	1	1	2	(2)	1	1	1	2	2	(2)
Total-	1,112	1,005	881	793	809	876	992	1,106	1,228	1,300	1,383	1,421	1,057	954	949	1,124	1,426	1,668

1/ Data are as of January 1.
2/ No report.

RELATIVE POSITION OF THE STATES WHEN THE NUMBER OF HERDS ON TEST IS COMPARED WITH THE NUMBER OF HERDS OF 15 COWS OR MORE, ON A PERCENTAGE BASIS, 1942-48

States in which the number of DHIA herds equals 20% or more of the number of herds having 15 cows or more

1942	1943	1944	1945	1946	1947	1948
Utah-----107.1	Utah-----91.6	Utah-----77.4	Utah-----67.1	Utah-----58.2	Utah-----68.7	Utah-----84.8
Ind------ 32.2	Ind------24.7	Pa-------21.1	Maine----24.7	Maine----28.5	Maine----33.8	Mich-----35.2
Maine---- 30.3	Va-------22.3	Maine----20.9	Va-------22.6	Va-------26.7	Va-------32.8	Va-------34.5
Mich----- 29.4	N.H------20.7	Va-------20.1	Pa-------21.1	Ind------23.3	Mich-----29.9	Maine----33.9
Va------- 28.0	Pa-------20.6			Mich-----22.8	Ind------27.3	Ind------33.2
Oreg----- 23.4				Pa-------21.3	W.Va-----26.0	Idaho----29.1
Pa------- 22.6					Pa-------22.8	W.Va-----27.8
Ohio----- 22.3						Pa-------25.4
N.H------ 22.0						Ariz-----23.4
Idaho---- 20.3						Wash-----22.1
Ill------ 20.3						

States in which the number of DHIA herds equals 15% to 19.9% of the number of herds having 15 cows or more

N.J------ 19.2	Mich---- 18.7	N.H----- 18.2	Mich---- 19.5	W.Va---- 19.6	Idaho--- 18.8	Kans---- 19.9
W.Va----- 18.5	W.Va---- 16.8	Ind---- 18.2	Ind----- 18.5	Ariz---- 17.4	Ohio---- 18.8	Mont---- 19.5
N.C------ 16.9	N.J----- 16.7	Mich---- 17.5	Ariz---- 17.8	N.J----- 15.6	Wash---- 18.3	Ohio---- 18.7
Conn----- 16.6	Idaho--- 16.3	Ariz---- 17.4	Calif--- 15.7	Wash---- 15.5	Ariz---- 17.8	N.J----- 17.4
Calif---- 16.2	Ill----- 15.2		W.Va---- 15.7	Idaho--- 15.0	Oreg---- 17.5	Oreg---- 17.4
Vt------- 15.4			N.H----- 15.2		N.J----- 17.0	Mo------ 17.2
Iowa----- 15.0					Ill----- 17.0	Ill----- 17.1
					Del----- 16.9	Del----- 16.7
					N.H----- 16.1	N.H----- 16.5
						Md------ 16.5
						N.C----- 16.4
						Calif--- 16.3
						Iowa---- 15.4

States in which the number of DHIA herds equals 10% to 14.9% or the number of herds having 15 cows or more

Kans----- 14.9	Conn---- 14.3	Calif--- 14.6	N.J----- 14.5	Del----- 14.3	Calif--- 14.4	Ky------ 14.2
S.C------ 14.7	Calif--- 13.9	N.J----- 14.4	Wash---- 13.8	N.H----- 14.1	Mo------ 14.3	Conn---- 13.7
Nev------ 14.4	Kans---- 13.4	W.Va---- 14.4	Kans---- 13.7	Kans---- 13.9	Md------ 13.8	Mass---- 11.9
Mass----- 13.6	Iowa---- 13.0	Ill----- 12.5	Idaho--- 13.6	Ohio---- 13.8	Mont---- 13.7	Colo---- 10.5
Wash----- 13.0	Ohio---- 12.3	Wash---- 12.4	Del----- 13.5	Conn---- 13.6	Conn---- 13.1	Nev----- 10.1
Del------ 12.1	N.C----- 12.2	Conn---- 12.0	Ohio---- 12.5	Ill----- 13.4	Kans---- 12.8	
Ky------- 12.0	Wash---- 11.9	N.C----- 11.9	Ill----- 12.4	Md------ 12.9	N.C----- 12.8	
Ariz----- 11.7	Vt------ 11.8	Kans---- 11.6	Conn---- 12.2	Oreg---- 12.6	Iowa---- 12.2	
R.I------ 11.7	Ariz---- 11.5		Md------ 11.2	Calif--- 12.4	Ky------ 11.1	
Mo------- 11.3	Mo------ 10.3			Mo------ 10.8	Nev----- 10.7	
Wyo------ 10.4	R.I----- 10.2			Nev----- 10.4		
				Mont---- 10.2		

States in which the number of DHIA herds equals 5% to 9.9% of the number of herds having 15 cows or more

Md------- 9.8	Mass---- 9.9	Iowa---- 9.9	Mo------ 9.4	Iowa---- 9.8	Mass---- 9.6	Nebr---- 9.9
N.Y------ 9.4	Nev----- 8.9	Mo------ 9.9	N.C----- 9.4	Vt------ 8.7	Colo---- 8.9	N.Mex--- 9.8
Mont----- 8.9	Oreg---- 8.8	Idaho--- 9.9	Iowa---- 8.4	N.C----- 7.1	N.Mex--- 8.9	N.Y----- 9.3
Wis------ 8.8	Maine--- 8.0	Ohio---- 9.0	Mont---- 7.5	N.Y----- 6.8	Minn---- 8.3	Minn---- 9.2
Nebr----- 7.8	Ky------ 7.8	Md------ 8.9	Colo---- 7.4	Colo---- 6.2	N.Y----- 7.8	Vt------ 9.0
Tenn----- 7.7	N.Mex--- 7.0	Ky------ 8.4	Nev----- 6.7	Wis----- 5.1	Vt------ 7.7	S.C----- 8.9
Colo----- 7.6	N.Y----- 6.7	Vt------ 8.1	Vt------ 6.5		Wyo----- 6.6	R.I----- 7.4
N.Mex---- 6.8	Colo---- 6.2	Mass---- 7.5	Ky------ 6.3		Wis----- 5.8	Tenn---- 7.0
Ark------ 6.4	Tenn---- 6.1	Colo---- 7.0	N.Y----- 6.0			Wis----- 6.3
Minn----- 5.9	Wis----- 5.6	N.Y----- 6.3	Oreg---- 5.2			Ga------ 6.3
S.Dak---- 5.8	Nebr---- 5.6	Del----- 5.2				
	Del----- 5.4					

States in which the number of DHIA herds equals less than 5% of the number of herds having 15 cows or more

Okla----- 4.1	Mont---- 4.7	Mont---- 4.9	Mass---- 4.7	Ky------ 4.9	Tenn---- 4.2	Tex----- 4.6
Miss----- 3.5	Md------ 4.5	Oreg---- 4.5	Wis----- 4.4	Mass---- 4.9	Nebr---- 4.0	La------ 3.8
La------- 3.4	Minn---- 4.4	Tenn---- 4.3	R.I----- 3.7	Minn---- 4.3	Ga------ 3.9	S.Dak--- 3.3
Tex------ 2.8	La------ 3.4	Wis----- 3.7	Minn---- 3.3	R.I----- 3.3	R.I----- 3.5	Fla----- 3.1
N.Dak---- 2.0	N.Dak--- 2.7	Nebr---- 3.5	Fla----- 3.1	Nebr---- 3.0	Miss---- 3.0	Okla---- 3.0
Ga------- 1.7	Wyo----- 2.6	Minn---- 3.4	Nebr---- 2.2	Tenn---- 2.4	S.Dak--- 2.8	Miss---- 1.9
Ala------ 1.2	S.Dak--- 2.3	Nev----- 3.1	Tenn---- 1.9	N.Mex--- 1.9	La------ 2.7	N.Dak--- 1.8
Fla------ 0	Ala----- 1.9	R.I----- 3.1	S.Dak--- 1.8	Ga------ 1.5	Tex----- 2.3	
	Miss---- 1.6	Wyo----- 2.1	La------ 1.8	Fla----- 1.2	Okla---- 2.3	Ark----- 0
	Okla---- 1.5	La------ 2.0	Okla---- 1.5	Ala----- 1.1	Ark----- 0	Ala----- 0
	Tex----- 1.3	Tex----- 1.7	Ga------ 1.3	N.Dak--- .9	N.Dak--- 0	Wyo----- 0
	Ga------ 1.2	Okla---- 1.7	Ala----- 1.0	Tex----- .7	S.C----- 0	
	Ark----- 0	S.Dak--- 1.7	Tex----- 1.0	La------ .6	Ala----- (1)	
	Fla----- 0	Ark----- 1.4	N.Mex--- .7	Okla---- .4	Fla----- (1)	
	S.C----- 0	Ga------ 1.3	N.Dak--- .2	S.Dak--- .2		
		N.Dak--- 1.2	Ark----- 0	Ark----- 0		
		Ala----- 1.0	Miss---- 0	Miss---- 0		
		N.Mex--- .9	S.C----- 0	S.C----- 0		
		Fla------ 0	Wyo------ 0	Wyo ----- 0		
		Miss---- 0				
		S.C----- 0				

1/ No report

GROWTH OF DAIRY-HERD-IMPROVEMENT-ASSOCIATION WORK IN THE UNITED STATES
(1906-48 inclusive)

Year	Associations	Herds on test	Cows on test	Average production of cows on test		
				Milk	Test	Butterfat
	Number	Number	Number	Pounds	Percent	Pounds
1906	1	31	239	------	------	215
1907	4	---------	1,606	------	------	220
1908	6	---------	3,921	------	------	-------
1909	25	---------	11,921	------	------	-------
1910	40	---------	1/25,000	------	------	-------
1911	64	---------	1/40,000	------	------	-------
1912	82	---------	1/43,000	------	------	-------
1913	100	---------	47,150	------	------	-------
1914	163	---------	73,280	------	------	-------
1915	211	---------	105,526	------	------	-------
1916	348	---------	150,677	------	------	-------
1917	459	11,720	216,831	------	------	-------
1918	353	9,778	172,518	------	------	-------
1919	385	10,000	167,313	------	------	-------
1920	468	11,948	203,472	------	------	247
1921	452	11,209	193,928	------	------	-------
1922	513	12,508	215,321	------	------	-------
1923	627	16,356	277,010	------	------	-------
1924 2/	---------	---------	---------	------	------	-------
1925	732	18,677	307,073	------	------	284
1926	777	19,540	327,653	7,331	4.0	290
1927	837	21,128	362,014	7,411	4.0	293
1928	947	23,327	414,891	7,476	4.0	296
1929	1,090	26,182	465,804	7,498	4.0	298
1930	1,143	27,888	507,549	7,642	4.0	303
1931	1,112	26,308	510,714	7,812	3.9	306
1932	1,005	20,351	427,044	7,858	3.9	310
1933	981	15,447	358,501	7,849	4.0	313
1934	793	13,694	325,837	8,015	4.0	322
1935	[illegible]	15,573	364,218	7,977	4.0	[illegible]
1936	876	17,344	404,412	7,912	4.0	319
1937	992	20,772	496,562	7,923	4.0	320
1938	1,106	23,701	558,993	7,831	4.0	317
1939	1,228	25,949	625,284	7,977	4.1	323
1940	1,300	27,948	676,141	8,133	4.1	331
1941	1,383	31,381	763,502	8,225	4.1	335
1942	1,421	32,957	816,117	8,323	4.1	339
1943	1,057	24,155	616,972	8,325	4.1	338
1944	954	20,825	561,587	8,296	4.1	336
1945	949	21,254	577,200	8,592	4.0	346
1946	1,124	23,331	627,878	8,635	4.0	349
1947	1,426	28,812	775,546	------	------	-------
1948	1,668	33,274	886,129	------	------	-------

1/ Estimated
2/ Date for collecting data changed in 1924 from July 1 to January 1.

HERDS ON TEST JAN. 1, 1948, COMPARED WITH HERDS ON TEST JAN. 1, 1947, BY STATES

State	Herds on test Jan. 1 1947	Herds on test Jan. 1 1948	Increase (+) or decrease (-)	
	Number	Number	Number	Percent
Nebr	100	247	+147	+147.0
R. I	17	36	+ 19	+111.8
Tex	146	295	+149	+102.1
Tenn	130	213	+ 83	+ 63.8
Ga	50	80	+ 30	+ 60.0
Kans	420	655	+235	+ 56.0
Idaho	307	475	+168	+ 54.7
Mont	134	191	+ 57	+ 42.5
La	38	53	+ 15	+ 39.5
Ariz	105	138	+ 33	+ 31.4
N. C	141	181	+ 40	+ 28.4
Okla	75	96	+ 21	+ 28.0
Ky	229	293	+ 64	+ 27.9
Iowa	1,610	2,033	+423	+ 26.3
Mass	276	344	+ 68	+ 24.6
Utah	484	598	+114	+ 23.6
Ind	1,133	1,375	+242	+ 21.4
Wash	824	993	+169	+ 20.5
N. Y	2,628	3,161	+533	+ 20.3
Mo	562	676	+114	+ 20.3
Md	454	546	+ 92	+ 20.3
S. Dak	70	83	+ 13	+ 18.6
Vt	571	673	+102	+ 17.9
Colo	157	185	+ 28	+ 17.8
Mich	2,200	2,584	+384	+ 17.5
Calif	1,555	1,765	+210	+ 13.5
Pa	2,925	3,251	+326	+ 11.1
N. Mex	38	42	+ 4	+ 10.5
Minn	2,002	2,197	+195	+ 9.7
Wis	3,058	3,317	+259	+ 8.5
W. Va	225	240	+ 15	+ 6.7
Va	738	778	+ 40	+ 5.4
Conn	329	345	+ 16	+ 4.9
N. J	561	576	+ 15	+ 2.7
N. H	205	210	+ 5	+ 2.4
Ill	1,761	1,765	+ 4	+ 0.2
Maine	446	447	+ 1	+ 0.2
Fla	(1)	21	+ 21	------
N. Dak	0	58	+ 58	------
S. C	0	43	+ 43	------
Ala	(1)	0	0	0
Ark	0	0	0	0
Hawaii	5	(1)	(1)	(1)
P. R	14	(1)	(1)	(1)
Ohio	1,303	1,297	- 6	- 0.5
Oreg	566	561	- 5	- 0.9
Del	84	83	- 1	- 1.2
Nev	35	33	- 2	- 5.7
Miss	63	41	- 22	- 34.9
Wyo	38	0	- 38	-100.0
Total	28,812	33,274	+4,462	+15.5

1/ No report.

RELATIVE POSITION OF STATES ACCORDING TO DHIA HERDS ON TEST

1946		1947		1948	
State	Number	State	Number	State	Number
Pa	2,734	Wis	3,058	Wis	3,317
Wis	2,678	Pa	2,925	Pa	3,251
N.Y	2,311	N.Y	2,628	N.Y	3,161
Mich	1,674	Mich	2,200	Mich	2,584
Ill	1,383	Minn	2,002	Minn	2,197
Calif	1,337	Ill	1,761	Iowa	2,033
Iowa	1,294	Iowa	1,610	Calif	1,765
Minn	1,033	Calif	1,555	Ill	1,765
Ind	967	Ohio	1,303	Ind	1,375
Ohio	954	Ind	1,133	Ohio	1,297
Wash	695	Wash	824	Wash	993
Vt	645	Va	738	Va	778
Va	602	Vt	571	Mo	676
N.J	515	Oreg	566	Vt	673
Kans	458	Mo	562	Kans	655
Md	425	N.J	561	Utah	598
Mo	425	Utah	484	N.J	576
Utah	410	Md	454	Oreg	561
Oreg	406	Maine	446	Md	546
Maine	375	Kans	420	Idaho	475
Conn	342	Conn	329	Maine	447
Idaho	244	Idaho	307	Conn	345
N.H	179	Mass	276	Mass	344
W.Va	169	Ky	229	Tex	295
Mass	142	W.Va	225	Ky	293
Colo	109	N.H	205	Nebr	247
Ariz	103	Colo	157	W.Va	240
Ky	100	Tex	146	Tenn	213
Mont	100	N.C	141	N.H	210
N.C	79	Mont	134	Mont	191
Nebr	75	Tenn	130	Colo	185
Tenn	74	Ariz	105	N.C	181
Del	71	Nebr	100	Ariz	138
Tex	44	Del	84	Okla	96
Nev	34	Okla	75	Del	83
N.Dak	31	S.Dak	70	S.Dak	83
P.R	20	Miss	63	Ga	80
Ga	19	Ga	50	N.Dak	58
R.I	16	Ia	38	Ia	53
Okla	14	Wyo	38	S.C	43
Ala	10	N.Mex	38	N.Mex	42
Ia	9	Nev	35	Miss	41
N.Mex	8	R.I	17	R.I	36
Fla	8	P.R	14	Nev	33
S.Dak	5	T.H	5	Fla	21
T.H	5	Ala	(1)	T.H	(1)
Ark	0	Fla	(1)	Ala	0
Miss	0	Ark	0	Ark	0
S.C	0	N.Dak	0	P.R	0
Wyo	0	S.C	0	Wyo	0
U.S	23,331		28,812		33,274

1/No report.

HERDS ON TEST IN DHIA'S COMPARED WITH HERDS OF 15 COWS OR MORE, BY STATES

State	Herds of 15 cows or more (1940 census)	DHIA herds on test Jan. 1,1948	Relation of DHIA herds to herds of 15 cows or more	Herds needed for DHIA herds to equal 25% or herds of 15 cows or more
	Number	Number	Percent	Number
Utah-----	705	598	84.8	0
Mich-----	7,346	2,584	35.2	0
Va-------	2,252	778	34.5	0
Maine----	1,318	447	33.9	0
Ind------	4,145	1,375	33.2	0
Idaho----	1,631	475	29.1	0
W. Va----	864	240	27.8	0
Pa-------	12,821	3,251	25.4	0
Ariz-----	591	138	23.4	10
Wash-----	4,495	993	22.1	131
Kans-----	3,288	655	19.9	167
Mont-----	978	191	19.5	53
Ohio-----	6,919	1,297	18.7	433
N.J------	3,309	576	17.4	251
Oreg-----	3,229	561	17.4	246
Mo-------	3,937	676	17.2	308
Ill------	10,341	1,765	17.1	820
Del------	497	83	16.7	41
Md-------	3,300	546	16.5	279
N.H------	1,271	210	16.5	108
N.C------	1,105	181	16.4	95
Calif----	10,822	1,765	16.3	941
Iowa-----	13,170	2,033	15.4	1,259
Ky-------	2,058	293	14.2	221
Conn-----	2,514	345	13.7	283
Mass-----	2,890	344	11.9	378
Colo-----	1,757	185	10.5	254
Nev------	327	33	10.1	49
Nebr-----	2,484	247	9.9	374
N.Mex----	429	42	9.8	65
N.Y------	33,887	3,161	9.3	5,311
Minn-----	24,001	2,197	9.2	3,803
Vt-------	7,443	673	9.0	1,188
S.C------	483	43	8.9	78
R.I------	488	36	7.4	86
Tenn-----	3,062	213	7.0	553
Wis------	52,836	3,317	6.3	9,892
Ga-------	1,267	80	6.3	237
Tex------	6,439	295	4.6	1,315
Ia-------	1,408	53	3.8	299
S.Dak----	2,534	83	3.3	551
Fla------	682	21	3.1	149
Okla-----	3,205	96	3.0	705
Miss-----	2,111	41	1.9	487
N.Dak----	3,313	58	1.8	770
T.H------	--	(1)	(1)	(1)
P.R------	--	0	0	0
Ala------	935	0	0	234
Ark------	934	0	0	234
Wyo------	578	0	0	144
U.S----	256,399	33,274		30,826

1/ No report

OFFICIALS IN CHARGE OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE STATES

ALA------ C. E. Teague, Ext. Service, School of Agr., Auburn.
ARIZ----- W. R. Van Sant, Ext. Service, College of Agr., Tucson.
ARK------ Allen Goodbary, Ext. Dairyman, P.O. Box 391, Little Rock.
CALIF---- G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
COLO----- H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
CONN----- Wm. R. Walker, Ext. Service, College of Agr., Storrs.
DEL------ D. J. Young, Ext. Service, University of Delaware, Newark.
FLA------ C. W. Reaves, Ext. Service, College of Agr., Gainesville.
GA------- Bruce Hamilton, Ext. Service, College of Agr., Athens.
HAWAII--- A. M. Hieronymus, Spec. in An. Husb., University of Hawaii, P.O. Box 18, Honolulu 10.
IDAHO---- G. C. Anderson, Ext. Division, College of Agr., Boise.
ILL------ J. G. Cash, Ext. Service, College of Agr., Urbana.
IND------ G. A. Williams, Dept. of Agr. Ext., Purdue University, Lafayette.
IOWA----- Floyd Arnold, Ext. Service, Iowa State College of Agr., Ames.
KANS----- J. W. Linn, Ext. Division, Kansas State College, Manhattan.
KY------- Carl Clifton, Ext. Dairyman, College of Agr., Lexington 29.
LA------- E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
MAINE---- Ralph Corbett, Ext. Service, College of Agr., Orono.
MD------- M. E. Senger, Ext. Service, University of Maryland, College Park.
MASS----- C. H. Parsons, Ext. Service, Univ. of Massachusetts, Amherst.
MICH----- A. C. Baltzer, Ext. Division, Mich. State College of Agr., East Lansing.
MINN----- H. R. Searles, Div. of Agr. Ext., University Farm, St. Paul 8.
MISS----- L. A. Higgins, Ext. Service, Mississippi State College, State College.
MO------- E. T. Itschner, Agr. Ext. Service, College of Agr., Columbia.
MONT----- J. O. Tretsven, Ext. Service, Montana State College, Bozeman.
NEBR----- M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
NEV------ V. E. Scott, Agr. Ext., College of Agr., Reno.
N.H------ Hilton Boynton, Ext. Service, College of Agr., Durham.
N.J------ E. C. Scheidenhelm, Ext. Service, State College of Agr., New Brunswick.
N.MEX---- E. E. Anderson, Ext. Service, N.Mex. College of Agr., State College.
N.Y------ W. T. Crandall, Ext. Service, N.Y. State College of Agr., Ithaca.
N.C------ J. A. Arey, Ext. Service, N.C. State College of Agr., State College Station, Raleigh.
N.DAK---- Clarence Olson, Agr. Ext., N.Dak. Agr. College, State College Station, Fargo.
OHIO----- R. R. Starbuck, Agr. Ext., College of Agriculture, Columbus 10.
OKLA----- L. H. Stinnett, Ext. Division, Oklahoma A & M College, Stillwater.
OREG----- H. P. Ewalt, Federal Coop. Ext., Oregon State College, Corvallis.
PA------- C. R. Gearhart, Agr. Ext., School of Agr., State College.
P.R------ C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R.I------ John E. Ladd, Ext. Service, Rhode Island State College, Kingston.
S.C------ C. G. Cashman, Ext. Service, Clemson Agr. College, Clemson.
S.DAK---- R. A. Cave, Ext. Service, S.Dak. State College of Agr., Brookings.
TENN----- C. A. Hutton, Extension Dairyman, P.O. Box 1071, Knoxville.
TEX------ G. G. Gibson, Ext. Service, A & M College of Texas, College Station.
UTAH----- L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
VT------- E. H. Loveland, Ext. Service, College of Agr., Burlington.
VA------- W. H. Armstrong, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
WASH----- M. B. Nichols, Ext. Service, Pullman.
W. VA---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
WIS------ J. E. Stallard, Ext. Dairyman, Room 207 King Hall, Madison 6.
WYO------ (vacancy) Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN JANUARY 1948

Following is a list of 321 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in January 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been reported as being used in an artificial breeding association, the name of the association is given.

AYRSHIRES SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ATWOOD ORCHARDS SANTA CLAUS 60438----------	22 daughters-	24	9,092	4.1	372
Born, 12-25-38; proved, 1-29-48;----; N. Y.	14 daughters-	14	8,855	4.1	367
Sire, 34996; dam, 138021.	14 dams------	26	9,013	4.0	361
Herd Owner, New York State Veterans Farms, Wilton.	Difference---	(6-7-8)	-158	+.1	+ 6
CACAPON CAPTAIN CLIP 4TH 60744----------	9 daughters--	13	9,951	4.2	423
Born, 2-12-39; proved, 1-14-48; alive; W. Va.	8 daughters--	11	9,825	4.4	427
Sire, 36656; dam, 183189.	8 dams-------	30	9,128	4.2	380
Herd Owner, Reymann Memorial Farms, Morgantown.	Difference---	(6-5-6)	+697	+.2	+47
CHIEF OF WALNUT CREST 63102----------	7 daughters--	10	7,804	3.9	303
Born, 5-23-39; proved, 1-13-48;----; Ohio.	6 daughters--	9	7,956	3.9	309
Sire, 45529; dam, 163906.	6 dams-------	22	7,260	3.7	269
Herd Owner, Younger & Kuhn, Celina.	Difference---	(4-6-5)	+696	+.2	+40
CLOVE BRANCH OSCAR P 63426----------	9 daughters--	9	8,821	4.4	390
Born, 12-30-39; proved, 1-12-48;----; Conn.	6 daughters--	6	8,015	4.4	352
Sire, 41931; dam, 177129.	6 dams-------	14	10,845	4.3	461
Herd Owner, Wood Ford Farm, Avon.	Difference---	(1-4-0)	-2,830	+.1	-109
CYRUS OF GREAT OAKS 70122----------	5 daughters--	6	6,677	4.6	309
Born, 2-26-41; proved, 1-12-48;----; Wis.	5 dams-------	5	9,083	3.9	355
Sire, 59189; dam, 213840.	Difference---	(1-5-1)	-2,406	+.7	-46
Herd Owner, Greenacres Farm, Bryant.					
FAIR MAPLES CUTHBERT'S CHAMPION 55936----------	19 daughters-	60	9,073	4.1	370
Born, 1-27-37; proved, 1-14-48;----; N. Y.	13 daughters-	40	9,028	4.1	368
Sire, 46546; dam, 126858.	13 dams------	68	9,101	3.9	359
Herd Owner, Daniel A. Craig, Rome.	Difference---	(7-11-6)	- 73	+.2	+ 9
FILLMORE DEFENDER 46870----------	15 daughters-	32	8,725	4.0	345
Born, 9-30-32; proved, 1-30-48;----; N. Y.	5 daughters--	14	8,753	4.0	346
Sire, 34294; dam, 102984.	5 dams-------	11	9,479	4.2	398
Herd Owner, L. J. Wiley & Son, Johnsonville.	Difference---	(1-2-1)	-726	-.2	-52
GREEN HILL MARSHALL 67755----------	8 daughters--	8	8,107	3.9	319
Born, 11-2-40; proved, 1-15-48;----; Pa.	8 dams-------	18	7,435	4.1	305
Sire, 60747; dam, 197597.	Difference---	(4-2-4)	+672	-.2	+14
Herd Owner, Hugh Vastine, Danville.					
HARVESTER'S CRUSADER PRINCE 60826----------	10 daughters-	17	7,288	4.0	290
Born, 12-25-38; proved, 1-27-48;----; N. Y.	7 daughters--	11	7,120	4.0	288
Sire, 33272; dam, 144293.	7 dams-------	23	8,895	4.2	376
Herd Owner, Kenneth C. Winter, Perry.	Difference---	(0-3-0)	-1,775	-.2	-88
LANEWAY CHRISTOPHER 65926----------	5 daughters--	6	8,576	4.3	368
Born, 11-30-40; proved, 1-13-48;----; Mass.	5 dams-------	12	8,996	4.1	371
Sire, 51577; dam, 191099.	Difference---	(2-3-2)	-420	+.2	- 3
Herd Owner, Fort Hill Farm, Amherst.					
MASONIC HOMES SIEGFRIED 62808----------	14 daughters-	20	7,085	3.9	279
Born, 8-23-39; proved, 1-30-48;----; W. Va.	13 daughters-	19	7,123	3.9	280
Sire, 46646; dam, 151120.	13 dams------	46	7,544	3.9	297
Herd Owner, J. E. Tabb, Kearneysville.	Difference---	(5-6-5)	-421	.0	-17
MONTANA FRANCIS 60213----------	26 daughters-	39	9,793	4.1	403
Born, 6-13-38; proved, 1-12-48; alive; Mont.	21 daughters-	30	10,148	4.2	422
Sire, 47463; dam, 176116.	21 dams------	51	10,883	3.9	420
Herd Owner, Harry B. Mitchell, Great Falls.	Difference---	(10-16-11)	-735	+.3	+ 2
NESHAMINY CORSAIR 58673----------	6 daughters--	9	9,027	4.4	400
Born, 4-9-38; proved, 1-15-48;----; Pa.	5 daughters--	7	8,804	4.5	397
Sire, 46441; dam, 130803.	5 dams-------	17	8,465	4.2	353
Herd Owner, Reidina Farm, Newtown.	Difference---	(3-5-4)	+339	+.3	+44
PENSHURST ROMEO 28567----------	27 daughters-	84	8,225	4.1	338
Born, 11-28-22; proved, 1-30-48;----; Ohio.	8 daughters--	26	7,830	4.2	330
Sire, 25200; dam, 65023.	8 dams-------	44	8,339	4.1	340
Herd Owner, Ellis Evans, Newark.	Difference---	(2-6-3)	-509	+.1	-10
ROS-AYR SANTY 66408----------	5 daughters--	6	8,371	4.1	346
Born, 12-25-39; proved, 1-16-48;----; Pa.	5 dams-------	20	8,279	4.4	361
Sire, 53948; dam, 170316.	Difference---	(3-1-3)	+ 92	-.3	-15
Herd Owner, Floyd Rosiak, Nicholson.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ROSELAWN MAGNET AMERICAN 65778----------	8 daughters--	8	8,940	4.4	392
Born, 7-25-40; proved, 1-12-48;----; Pa.	8 dams-------	23	8,492	4.2	358
Sire, 50792; dam, 122648.	Difference---	(3-6-4)	+448	+.2	+34
Herd Owner, Roselawn Farm, Malvern.					
SCANTIC SWANKY TROPHY 65977----------	8 daughters--	9	7,971	4.1	324
Born, 7-19-40; proved, 1-13-48;----; Conn.	5 daughters--	6	8,079	4.0	323
Sire, 59199; dam, 138335.	5 dams-------	11	8,087	3.8	304
Herd Owner, Hillyland Farm, Willimantic.	Difference---	(3-5-3)	- 8	+.2	+19
STRATHGLASS VALIENT 50076----------	12 daughters-	14	8,362	4.0	333
Born, 10-13-34; proved, 1-15-48; dead; Ohio.	8 daughters--	9	8,533	3.9	337
Sire, 41921; dam, 134875.	8 dams-------	15	8,672	4.2	360
Herd Owner, Richard Quellhoist, St. Marys.	Difference---	(4-2-4)	-139	-.3	-23
TALISMAN FIRE WORKS 60860----------	9 daughters--	18	6,557	4.2	278
Born, 3-2-39; proved, 1-13-48;----; Pa.	5 daughters--	10	6,012	4.4	264
Sire, 56717; dam, 157324.	5 dams-------	9	8,295	4.2	346
Herd Owner, Ray Perry & Son, Ulster.	Difference---	(0-4-0)	-2,283	+.2	-82
VISTA GRANDE DOUGLAS BLUEBLOOD 65761----------	5 daughters--	5	8,161	4.2	342
Born, 11-10-40; proved, 1-13-48;----; N. Y.	5 dams-------	19	10,044	4.4	447
Sire, 47364; dam, 148607.	Difference---	(0-1-0)	-1,883	-.2	-105
Used in Connecticut A. B. A., Conn.					
WHITPAIN BROWN STAR 62924----------	6 daughters--	8	7,689	4.0	311
Born, 9-19-39; proved, 1-13-48;----; Ind.	5 daughters--	7	8,017	4.0	324
Sire, 35139; dam, 188529.	5 dams-------	17	8,012	3.9	311
Herd Owner, Homer W. Arnold & Sons, Decatur.	Difference---	(2-4-3)	+ 5	+.1	+13
WOODHULL MISTER JIM 66044----------	6 daughters--	6	8,740	3.9	341
Born, 10-3-40; proved, 1-28-48;----; Kans.	6 dams-------	15	10,200	3.8	389
Sire, 58252; dam, 113650.	Difference---	(1-5-1)	-1,460	+.1	-48
Herd Owner, Jerry M. Yoder, Hutchinson.					
WOODHULL SUNNY TOM 60850----------	17 daughters-	21	10,276	4.1	420
Born, 9-19-38; proved, 1-14-48;----; Kans.	12 daughters-	15	10,511	4.2	437
Sire, 46596; dam, 147336.	12 dams------	48	9,462	4.1	389
Herd Owner, G. Fred Williams, Hutchinson.	Difference---	(8-7-8)	+1,049	+.1	+48
BROWN SWISS SIRES					
CARL'S CORRIGAN SUPREME OF RAINBOW 40604----------	6 daughters--	8	8,255	4.2	350
Born, 11-1-37; proved, 1-15-48; dead; Ohio.	5 daughters--	7	8,629	4.2	363
Sire, 13021; dam, 37959.	5 dams-------	18	8,648	4.2	367
Herd Owner, George Garverick & Sons, Galion.	Difference---	(3-3-3)	- 19	.0	- 4
DARIRO OF BOWERHOME 37755----------	7 daughters--	11	9,414	3.9	365
Born, 6-26-37; proved, 1-28-48;----; Ill.	7 dams-------	22	10,427	4.2	438
Sire, 16367; dam, 55279.	Difference---	(2-2-2)	-1,013	-.3	-73
Herd Owner, Harold L. & Donald Neuschwander, Dakota.					
EDNA'S STASIS OF MERCIER FARMS 45720----------	8 daughters--	10	9,383	4.3	404
Born, 2-7-40; proved, 1-15-48;----; Mich.	8 dams-------	24	9,133	4.1	379
Sire, 38777; dam, 56609.	Difference---	(4-7-5)	+250	+.2	+25
Herd Owner, A. J. Sneller, Rochester.					
ELLEN'S PRINCE OF MEADOW GREEN 46931----------	7 daughters--	8	9,964	4.3	427
Born, 1-4-40; proved, 1-19-48;----; Wis.	7 dams-------	21	10,117	4.1	416
Sire, 26749; dam, 55024.	Difference---	(3-5-4)	-153	+.2	+11
Herd Owner, Mrs. Edna Schmid, Monroe.					
IDA'S PRINCE OF CEDAR VALLEY 45657----------	6 daughters--	7	9,996	4.2	424
Born, 8-3-39; proved, 1-15-48;----; Iowa.	6 dams-------	21	11,175	3.9	441
Sire, 19315; dam, 52879.	Difference---	(2-5-2)	-1,179	+.3	-17
Herd Owner, Elmer E. Mussman, Vinton.					
LASSIE'S BARBETTE J. B. 46379----------	8 daughters--	9	10,090	4.1	417
Born, 2-14-40; proved, 1-15-48;----; Ind.	8 dams-------	27	9,329	3.9	364
Sire, 34504; dam, 52775.	Difference---	(4-5-6)	+761	+.2	+53
Herd Owner, Elzie D. Redding, Ft. Wayne.					
MCAVOY'S LARRY OF MARYDALE 47799----------	11 daughters-	11	9,480	3.8	357
Born, 4-19-40; proved, 1-16-48;----; Ill.	11 dams------	31	9,986	3.9	388
Sire, 37324; dam, 66373.	Difference---	(5-5-5)	-506	-.1	-31
Herd Owner, J. P. Savage, Lafox.					
MOLLY'S LAD OF VALLEYHURST 45361----------	10 daughters-	13	10,103	4.3	432
Born, 10-18-39; proved, 1-12-48; alive; Iowa.	8 daughters--	11	9,947	4.3	427
Sire, 39952; dam, 62189.	8 dams-------	24	11,025	3.9	427
Used in Northwest Iowa Co-op. A. B. A.	Difference---	(2-7-3)	-1,078	+.4	0

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NEVARD SON OF HILLTOP 46613----------	5 daughters--	8	8,888	4.2	373
Born, 5-17-40; proved, 1-28-48;----; N. Y.	5 dams-------	20	10,197	4.1	416
Sire, 23652; dam, 40960.	Difference---	(2-3-2)	-1,309	+.1	-43
Herd Owner, D. N. Boice, Churchville.					
O. D. 'S BRANT 47209----------	7 daughters--	7	11,582	3.7	429
Born, 10-30-38; proved, 1-16-48;----; Wis.	7 dams-------	16	12,246	3.7	455
Sire, 26749; dam, 19286.	Difference---	(4-4-3)	-664	.0	-26
Herd Owner, Ben S. Brandt, Limeridge.					
OLGA 'S BUDDY BOY W. M. 45642----------	5 daughters--	7	9,972	3.8	376
Born, 3-3-39; proved, 1-13-48;----; Ind.	5 dams-------	19	10,445	4.2	436
Sire, 35541; dam, 62406.	Difference---	(2-0-1)	-473	-.4	-60
Herd Owner, Richard A. Briggs, Geneva.					
PHEIFER BOY V. B. 22D B. 39966----------	10 daughters-	14	10,233	3.9	401
Born, 5-10-37; proved, 1-15-48;----; Wis.	7 daughters--	9	9,475	4.0	383
Sire, 35122; dam, 59945.	7 dams-------	13	10,357	4.0	419
Herd Owner, Oscar Schultz, Merrill.	Difference---	(3-5-3)	-882	.0	-36
PHYLIS GURTHAU KEEPER J. B. 43487----------	6 daughters--	11	10,755	3.9	423
Born, 3-8-39; proved, 1-28-48;----; N. J.	5 daughters--	8	11,082	3.9	430
Sire, 31653; dam, 30877.	5 dams-------	21	11,009	3.9	429
Herd Owner, Active Acres Farm, Princeton.	Difference---	(3-2-3)	+ 73	.0	+ 1
SUNNYBROOK BANJOE 37305----------	7 daughters--	23	10,221	3.9	403
Born, 8-28-35; proved, 1-28-48;----; N. Y.	6 daughters--	21	9,646	4.0	383
Sire 22673; dam, 26195.	6 dams-------	24	10,059	3.8	380
Herd Owner, Charles W. Brownell, Johnstown.	Difference---	(2-5-3)	-413	+.2	+ 3
TOMMIE OF HAZEL MAR 46607----------	12 daughters-	19	12,070	4.0	479
Born, 4-28-40; proved, 1-13-48;----; Ill.	9 daughters--	14	11,756	4.0	468
Sire, 34743; dam, 27281.	9 dams-------	17	10,834	3.8	407
Herd Owner, George Ylonen, Antioch.	Difference---	(5-7-6)	+922	+.2	+61
GUERNSEY SIRES					
ALERT PRINCE OF ROSE HILL 303154----------	6 daughters--	6	10,547	4.9	514
Born, 3-14-41; proved, 1-13-48; alive; Iowa.	6 dams-------	33	10,383	4.7	484
Sire, 225826; dam, 639956.	Difference---	(3-4-5)	+164	+.2	+30
Herd Owner, O. Russell Bentley & Son, Ames.					
AMBASSADOR OF SILVER BARN 264931----------	14 daughters-	16	8,452	4.7	395
Born, 7-14-38; proved, 1-19-48;----; Md.	14 dams------	37	6,734	4.6	313
Sire, 216197; dam, 448733.	Difference---	(14-7-12)	+1,718	+.1	+82
Herd Owner, William A. Fouche, Adamstown.					
ANTIETAM 'S JEWEL 'S VAGABOND 262154----------	18 daughters-	44	7,832	4.6	362
Born, 4-14-38; proved, 1-19-48;----; Pa.	14 daughters-	35	8,054	4.6	369
Sire, 231275; dam, 238030.	14 dams------	51	7,323	4.7	345
Herd Owner, Ben H. Welty, Waynesboro.	Difference---	(8-4-9)	+731	-.1	+24
ARGILLA CONFIDENT 258437----------	22 daughters-	33	5,457	5.0	271
Born, 8-30-37; proved, 1-21-48;----; Maine.	19 daughters-	30	5,576	5.0	278
Sire, 225790; dam, 313113.	19 dams------	43	6,140	5.1	316
Herd Owner, Ivory Hall, Scarboro.	Difference---	(6-10-6)	-564	-.1	-38
ARNY OF COR-ALFA FARM 252557----------	9 daughters--	11	6,150	5.2	320
Born, 3-26-37; proved, 1-26-48;----; S. Dak.	6 daughters--	8	6,113	5.0	305
Sire, 112272; dam, 366378.	6 dams-------	12	5,008	4.7	236
Herd Owner, Allen Gewecke, Jasper, Minn.	Difference---	(5-5-5)	+1,105	+.3	+69
BIRCHFIELD MAJESTY 251797----------	7 daughters--	13	9,143	4.7	434
Born, 7-15-37; proved, 1-13-48;----; Mass.	5 daughters--	11	9,371	4.7	438
Sire, 227623; dam, 412293.	5 dams-------	10	8,519	5.0	422
Herd Owner, Cedar Lane Farm, Swansea.	Difference---	(3-0-3)	+852	-.3	+16
BISCOE HECTOR 'S EZRA 251938----------	6 daughters--	8	8,473	5.5	470
Born, 4-28-37; proved, 1-20-48;----; Conn.	5 daughters--	7	8,431	5.5	468
Sire, 105159; dam, 310846.	5 dams-------	9	8,175	5.1	415
Herd Owner, Biscoe Farm, Middlebury.	Difference---	(3-4-4)	+256	+.4	+53
BLAKEFORD SENTINEL 253415----------	11 daughters-	17	6,473	4.7	303
Born, 8-29-37; proved, 1-26-48;----; Pa.	6 daughters--	10	6,426	4.6	294
Sire, 206846; dam, 314385.	6 dams-------	7	8,043	4.4	351
Herd Owner, Shadow Brook Dairy, Tunkhannock.	Difference---	(1-5-2)	-1,617	+.2	-57
BOULDER BRIDGE ADONIS 260760----------	10 daughters-	10	7,994	5.0	397
Born, 11-14-37; proved, 1-13-48;----; Ill.	9 daughters--	9	8,154	5.0	409
Sire, 216336; dam, 480914.	9 dams-------	20	7,056	5.3	376
Herd Owner, Mar Hawk Farm, Batavia.	Difference---	(7-3-4)	+1,098	-.3	+33

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BOULDER BRIDGE COURAGEOUS 208658 *5----------	17 daughters-	50	7,676	4.7	362
Born, 9-21-32; proved, 1-13-48; dead; Minn.	16 daughters-	49	7,866	4.7	371
Sire, 128541; dam, 222930.	16 dams------	84	8,320	4.2	352
Herd Owner, Elmer J. Wirt, Lewiston.	Difference---	(5-16-9)	-454	+.5	+19
BOULDER BRIDGE SLOGAN 157255 *5----------	13 daughters-	44	8,789	4.4	390
Born, 9-8-27; proved, 1-13-48; dead ; Minn.	11 daughters-	38	8,725	4.4	387
Sire, 126459; dam, 171643.	11 dams------	51	7,555	4.6	350
Herd Owner, Elmer J. Wirt, Lewiston.	Difference---	(6-4-7)	+1,170	-.2	+37
BRILLIANT DEKE OF WATKINS 257657----------	15 daughters-	21	6,868	5.0	345
Born, 9-8-37; proved, 1-12-48; dead ; Minn.	14 daughters-	20	6,822	5.1	345
Sire, 221232; dam, 349427.	14 dams------	47	8,333	4.9	407
Herd Owner, Clem Zender, Butterfield.	Difference---	(2-9-3)	-1,511	+.2	-62
CADET OF HALFRED FARMS 245813----------	9 daughters--	11	8,734	4.6	399
Born, 10-17-36; proved, 1-13-48;----; Ohio.	8 daughters--	10	8,696	4.6	401
Sire, 219981; dam, 342225.	8 dams-------	12	8,691	4.7	406
Herd Owner, Charles Lloyd Ober & Son, Novelty.	Difference---	(5-3-2)	+ 5	-.1	- 5
CEDAR CLIFF'S FERNANDO 267112----------	17 daughters-	34	7,651	5.1	390
Born, 8-11-38; proved, 1-21-48;----; Pa.	14 daughters-	29	7,831	5.1	402
Sire, 206927; dam, 484214.	14 dams------	49	6,982	5.0	348
Herd Owner, Chalmers P. Means, Shippensburg.	Difference---	(11-10-11)	+849	+.1	+54
CHICONA PASHA 256897----------	8 daughters--	23	8,852	5.4	474
Born, 10-4-37; proved, 1-23-48;----; Oreg.	8 dams-------	37	10,262	4.5	464
Sire, 231075; dam, 504790.	Difference---	(1-8-4)	-1,410	+.9	+10
Herd Owner, Prairie Bloom Farm, Junction City.					
CHUCKANUT CLIMAX 254225----------	7 daughters--	21	8,615	4.7	409
Born, 7-4-37; proved, 1-21-48;----; Wash.	5 daughters--	19	8,904	4.7	418
Sire, 229274; dam, 400404.	5 dams-------	17	9,169	4.8	438
Herd Owner, Meyer Brothers, Olympia.	Difference---	(2-3-2)	-265	-.1	-20
CHUCKANUT ELEVATOR 255361----------	8 daughters--	22	8,653	5.0	435
Born, 12-16-37; proved, 1-16-48;----; Wash.	5 daughters--	15	9,141	5.0	457
Sire, 236868; dam, 424086.	5 dams-------	17	8,698	4.9	430
Herd Owner, Hal Slagle, Randle.	Difference---	(3-2-3)	+443	+.1	+27
CLAIMANT WALDENSIAN 256651----------	7 daughters--	17	6,702	5.6	373
Born, 9-28-37; proved, 1-21-48;----; Maine.	6 daughters--	15	6,745	5.6	380
Sire, 222366; dam, 450169.	6 dams-------	22	7,641	5.5	419
Herd Owner, J. H. Comins & Son, East Eddington.	Difference---	(2-5-2)	-896	+.1	-39
COLDSPRING'S ROMULUS COUNTRYMAN 265178----------	9 daughters--	16	10,142	4.6	468
Born, 10-16-38; proved, 1-19-48;----; Pa.	6 daughters--	10	10,394	4.6	478
Sire, 227598; dam, 447883.	6 dams-------	32	10,107	4.7	475
Herd Owner, Goodleigh Farm, Dallas.	Difference---	(4-3-4)	+287	-.1	+ 3
COLLEGE KING'S ADMIRAL 219867----------	9 daughters--	15	7,999	4.9	394
Born, 9-18-34; proved, 1-23-48;----; Conn.	8 daughters--	13	7,969	4.9	390
Sire, 143581; dam, 232050.	8 dams-------	13	8,495	4.7	396
Herd Owner, Oliver D. Tuller, West Simsbury.	Difference---	(4-6-4)	-526	+.2	- 6
CORIUM SLOGAN'S NIPPER 205677 *8----------	39 daughters-	51	8,487	4.8	403
Born, 7-15-32; proved, 1-20-48; dead ; Minn.	22 daughters-	31	8,831	4.8	420
Sire, 166129; dam, 286066.	22 dams------	54	8,293	4.9	409
Herd Owner, Chris Skaar & Sons, Hayward.	Difference---	(13-8-14)	+538	-.1	+11
CORSICAN'S RAMBLER 257854----------	16 daughters-	49	7,977	4.9	387
Born, 1-9-38; proved, 1-19-48;----; Pa.	12 daughters-	33	8,006	4.9	391
Sire, 187311; dam, 403494.	12 dams------	47	7,372	4.7	348
Herd Owner, David W. Robertson, Belle Vernon.	Difference---	(7-6-8)	+634	+.2	+43
CREAM RIDGE JERRY CRESCENT 228390----------	10 daughters-	38	8,134	4.8	392
Born, 12-16-33; proved, 1-29-48;----; Ill.	6 daughters--	28	7,812	4.8	375
Sire, 198018; dam, 145217.	6 dams-------	26	9,373	4.7	439
Herd Owner, Edward Strickfaden, Pekin.	Difference---	(0-4-1)	-1,561	+.1	-64
CRUSADER OF WOODLAND 264165----------	5 daughters--	10	7,290	4.7	345
Born, 7-1-37; proved, 1-16-48;----; Mich.	5 dams-------	14	7,447	5.0	372
Sire, 243936; dam, 259198.	Difference---	(3-1-2)	-157	-.3	-27
Herd Owner, Ray Molyneux, Coopersville.					
DUKE'S REX OF PRESTDALE 258689----------	5 daughters--	9	9,904	5.2	517
Born, 11-8-36; proved, 1-19-48;----; Idaho.	5 dams-------	15	8,712	4.8	422
Sire, 219086; dam, 265278.	Difference---	(3-5-5)	+1,192	+.4	+95
Herd Owner, Harold A. Steele, Gooding.					
ELISSA'S PREMIER OF HAZEN 258318----------	13 daughters-	17	8,489	5.0	428
Born, 10-28-37; proved, 1-16-48;----; Pa.	10 daughters-	13	8,226	5.0	413
Sire, 223166; dam, 461168.	10 dams------	39	9,801	5.0	491
Herd Owner, James D. Berry, Oil City.	Difference---	(1-5-2)	-1,575	.0	-78

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FAIRLAWN BUTTER BOY 252248----------	21 daughters-	32	6,978	4.5	314
Born, 8-20-37; proved, 1-29-48;----; Conn.	8 daughters--	13	6,310	4.5	283
Sire, 189962; dam, 422188.	8 dams-------	16	8,359	4.5	373
Herd Owner, Hamlet Hill Farm, Salisbury.	Difference---	(0-4-1)	-2,049	.0	-90
FAIRLAWN H. GUARDIAN 331830----------	9 daughters--	9	9,538	4.8	457
Born, 9-21-42; proved, 1-21-48; dead ; Minn.	6 daughters--	6	9,074	4.9	445
Sire, 189962; dam, 368296.	6 dams-------	10	8,763	4.8	424
Herd Owner, Albert M. Tennis & Sons, Hayward.	Difference---	(4-4-4)	+311	+.1	+21
FAREWELL'S HARVESTER 263442----------	13 daughters-	20	7,359	5.1	374
Born, 5-8-38; proved, 1-16-48;----; Wis.	12 daughters-	18	7,497	5.1	382
Sire, 216762; dam, 447610.	12 dams------	46	6,870	4.8	331
Herd Owner, Emory C. Meltz, Appleton.	Difference---	(8-10-8)	+627	+.3	+51
FIR RIDGE ULTRA JUDGE 253000----------	10 daughters-	12	9,226	4.5	419
Born, 4-10-37; proved, 1-16-48; dead ; Wash.	7 daughters--	9	8,747	4.5	397
Sire, 196157; dam, 286179.	7 dams-------	18	8,926	4.9	435
Herd Owner, Prices' Golden Guernsey, Port Orchard.	Difference---	(3-2-1)	-179	-.4	-38
FLAPPER'S JUBILEE 249575----------	20 daughters-	32	6,610	4.5	295
Born, 11-26-36; proved, 1-20-48;----; W. Va.	14 daughters-	24	6,702	4.4	298
Sire, 208498; dam, 291575.	14 dams------	34	7,182	4.5	323
Herd Owner, Brinker Brothers, Springfield.	Difference---	(6-5-6)	-480	-.1	-25
FLYING HILL COUNTRY REX 250688----------	9 daughters--	9	6,649	5.0	330
Born, 3-6-37; proved, 1-15-48;----; Wis.	7 daughters--	7	7,008	5.0	350
Sire, 208733; dam, 244000.	7 dams-------	26	7,824	5.0	391
Herd Owner, A. C. Dahlke, Princeton.	Difference---	(1-3-2)	-816	.0	-41
FOREMOST TROUBADOUR 245204----------	11 daughters-	15	9,640	4.8	465
Born, 11-20-36; proved, 1-29-48;----; N. H.	11 dams------	20	7,215	5.4	386
Sire, 206532; dam, 463836.	Difference---	(10-2-8)	+2,425	-.6	+79
Herd Owner, Sumner Brown, West Swanzey.					
GENERAL WASHINGTON OF DIXMONT 260111----------	9 daughters--	16	7,313	4.9	358
Born, 2-22-38; proved, 1-15-48;----; Pa.	8 daughters--	15	7,533	4.9	367
Sire, 232559; dam, 371457.	8 dams-------	34	7,496	4.7	349
Herd Owner, H. C. McCrady, Ligonier.	Difference---	(5-6-6)	+ 37	+.2	+18
GLEN CHALLENGER OF RIDGLYDALE 252050----------	13 daughters-	17	7,236	4.6	336
Born, 4-29-37; proved, 1-27-48;----; Ill.	13 dams------	48	7,736	4.9	376
Sire, 222706; dam, 444430.	Difference---	(5-5-4)	-500	-.3	-40
Herd Owner, Fred L. Cutler, St. Augustine.					
GRASSLAND RELIANCE 248788----------	12 daughters-	15	7,775	4.4	344
Born, 2-10-37; proved, 1-23-48;----; Conn.	8 daughters--	9	7,439	4.5	332
Sire, 98473; dam, 398145.	8 dams-------	27	8,097	4.8	385
Used in Fairfield-New Haven A. B. A.	Difference---	(2-2-2)	-658	-.3	-53
GREEN VALE CORONET'S RUDY 260668----------	10 daughters-	16	8,633	4.9	419
Born, 8-15-37; proved, 1-16-48;----; Mich.	10 dams------	21	7,880	5.0	393
Sire, 141902; dam, 190018.	Difference---	(8-5-6)	+753	-.1	+26
Herd Owner, Harry Stroven & Sons, Fremont.					
HILL GIRT EXCELSIOR 227223----------	7 daughters--	11	7,980	4.6	364
Born, 2-28-35; proved, 1-20-48;----; W. Va.	6 daughters--	9	7,705	4.6	355
Sire, 141062; dam, 196704.	6 dams-------	28	8,910	4.6	411
Herd Owner, Quincy Dairy Co., Quincy.	Difference---	(0-3-2)	-1,205	.0	-56
HILLTOP BUTTERFAT MECCA 258980----------	12 daughters-	21	7,861	4.9	384
Born, 10-16-37; proved, 1-21-48;----; Iowa.	11 daughters-	20	7,767	4.9	379
Sire, 218621; dam, 361542.	11 dams------	26	7,809	5.1	395
Herd Owner, Harry Lage, Eldridge.	Difference---	(7-4-5)	- 42	-.2	-16
IVYNGTON SHEIK 249715----------	10 daughters-	14	8,456	4.9	412
Born, 1-7-37; proved, 1-16-48;----; Ohio.	9 daughters--	13	8,646	4.8	418
Sire, 158415; dam, 312738.	9 dams-------	29	8,320	4.4	368
Herd Owner, Paul A. Warrington, Salem.	Difference---	(5-7-5)	+326	+.4	+50
JECAVA GENEROUS 220283----------	10 daughters-	16	7,901	5.2	408
Born, 8-13-34; proved, 1-27-48;----; Va.	9 daughters--	13	7,880	5.1	404
Sire, 98443; dam, 296109.	9 dams-------	20	7,820	5.2	405
Herd Owner, Mrs. W. R. Rowland, Warrenton.	Difference---	(4-5-5)	+ 60	-.1	- 1
KENFLEUR'S LUCKY BERNE 226914----------	11 daughters-	21	7,241	5.2	375
Born, 11-16-34; proved, 1-29-48;----; Ill.	9 daughters--	18	7,336	5.2	379
Sire, 198381; dam, 368882.	9 dams-------	30	7,247	4.9	357
Herd Owner, Homer B. Vickery, Minooka.	Difference---	(4-7-6)	+ 89	+.3	+22
KENILWORTH CHOICE'S FISHERMAN 254099----------	12 daughters-	23	6,254	5.6	324
Born, 6-20-37; proved, 1-29-48;----; Va.	10 daughters-	18	6,316	5.2	326
Sire, 206205; dam, 211750.	10 dams------	26	6,360	4.9	311
Herd Owner, Rivermeade Farm, Swoope.	Difference---	(5-8-6)	- 44	+.3	+15

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KILMAC MONARCH 258696----------	21 daughters-	35	7,963	5.0	394
Born, 10-22-36; proved, 1-26-48;----; N. J.	16 daughters-	24	8,270	4.9	404
Sire, 215116; dam, 186753.	16 dams------	41	8,882	4.6	406
Herd Owner, Everett T. Tomlinson, Bridgeton.	Difference---	(6-12-9)	-612	+.3	- 2
KLONDIKE HORATIO 257015----------	8 daughters--	20	8,188	4.4	359
Born, 12-16-37; proved, 1-23-48;----; Va.	7 daughters--	18	8,167	4.3	351
Sire, 237473; dam, 476988.	7 dams-------	12	8,499	4.7	399
Herd Owner, Dr. J. C. Rawls, Franklin.	Difference---	(3-2-1)	-332	-.4	-48
KLONDIKE VOTARY 263026----------	16 daughters-	16	7,472	4.5	338
Born, 3-2-38; proved, 1-19-48;----; Va.	12 daughters-	12	7,823	4.5	355
Sire, 177240; dam, 360385.	12 dams------	30	7,011	4.8	336
Herd Owner, C. E. Allison, Glade Spring.	Difference---	(9-2-7)	+812	-.3	+19
LADDERLOOK MOONSHINE 245840----------	6 daughters--	9	8,382	4.9	411
Born, 10-20-36; proved, 1-29-48;----; Conn.	6 dams-------	15	8,454	4.9	417
Sire, 208672; dam, 245068.	Difference---	(4-3-4)	- 72	.0	- 6
Herd Owner, Hamlet Hill Farm, Salisbury.					
LAD'S ENSIGN OF MIDDALE 254026----------	11 daughters-	28	9,865	4.7	462
Born, 8-30-37; proved, 1-16-48;----; Wash.	5 daughters--	17	10,111	4.6	470
Sire, 228922; dam, 360462.	5 dams-------	13	8,903	5.4	481
Herd Owner, Cecil White,Mount Vernon.	Difference---	(4-0-2)	+1,208	-.8	-11
LAUREL LOCKS LONARK 250127----------	15 daughters-	25	7,409	5.1	375
Born, 4-1-36; proved, 1-20-48;----; Pa.	15 dams------	60	7,530	5.0	379
Sire, 130699; dam, 368479.	Difference---	(7-9-8)	-121	+.1	- 4
Herd Owner, Belle Alto Farms, Wernersville.					
LINCOLN ST. NICHOLAS 259121----------	15 daughters-	17	8,460	4.5	383
Born, 4-12-38; proved, 1-23-48;----; N. H.	14 daughters-	16	8,401	4.5	381
Sire, 213584; dam, 323051.	14 dams------	59	7,843	5.0	391
Herd Owner, Steele Hill Farm, Laconia.	Difference---	(8-2-5)	+558	-.5	-10
LITTLE ORCHARD COMPEER 232947----------	14 daughters-	15	7,001	4.8	335
Born, 6-6-35; proved, 1-20-48;----; Iowa.	10 daughters-	11	7,162	4.8	347
Sire, 202914; dam, 212607.	10 dams------	16	8,598	4.5	389
Herd Owner, J. M. Foster, Marshalltown.	Difference---	(4-8-5)	-1,436	+.3	-42
LONGACRES ECHO 263767----------	7 daughters--	9	7,717	4.5	346
Born, 11-4-36; proved, 1-16-48;----; Mich.	7 dams-------	18	7,838	4.8	373
Sire, 212835; dam, 435622.	Difference---	(3-2-3)	-121	-.3	-27
Herd Owner, Joe Patterson & Sons, Reed City.					
MAID'S VAGABOND 251620----------	13 daughters-	26	7,228	4.9	352
Born, 5-21-37; proved, 1-20-48;----; Pa.	9 daughters--	18	6,964	4.9	343
Sire, 231275; dam, 214438.	9 dams-------	44	7,917	5.2	415
Herd Owner, Clarence R. Hack, Berwick.	Difference---	(2-2-2)	-953	-.3	-72
MANOR BANDIT 257759----------	13 daughters-	24	8,843	5.2	462
Born, 8-28-36; proved, 1-15-48;----; Md.	11 daughters-	21	8,744	5.3	462
Sire, 219167; dam, 403038.	11 dams------	24	8,627	4.7	402
Herd Owner, J. Grant Magrogan, Millington.	Difference---	(5-10-7)	+117	+.6	+60
MAYWOOD DESIRE 224136----------	20 daughters-	64	6,210	4.4	271
Born, 4-5-35; proved, 1-23-48;----; Md.	20 dams------	82	7,074	4.7	334
Sire, 204887; dam, 335912.	Difference---	(7-8-4)	-864	-.3	-63
Herd Owner, J. Wilbur Snyder, Pylesville.					
MEADOW LODGE REX'S VICEROY 271885----------	5 daughters--	7	7,381	5.1	379
Born, 2-13-39; proved, 1-30-48;----; Kans.	5 dams-------	5	10,139	5.0	505
Sire, 159247; dam, 419912.	Difference---	(0-3-1)	-2,758	+.1	-126
Herd Owner, Jacob H. Wiebe, White Water.					
MEYER FARM GLEN 288563----------	13 daughters-	14	7,182	4.9	353
Born, 1-23-40; proved, 1-30-48;----; Minn.	8 daughters--	9	7,214	5.1	366
Sire, 184788; dam, 469285.	8 dams-------	8	7,269	4.5	324
Used in Floodwood Co-op. Creamery A. B. A.	Difference---	(4-7-6)	- 55	+.6	+42
MID-VALLEY PRINCETON SUPREME 259943----------	8 daughters--	12	6,801	4.8	329
Born, 1-30-38; proved, 1-13-48;----; Md.	7 daughters--	11	6,789	4.9	331
Sire, 229895; dam, 301460.	7 dams-------	15	8,050	4.6	372
Herd Owner, William E. Hauver, Myersville.	Difference---	(0-5-1)	-1,261	+.3	-41
MOCCASIN FEARLESS 262626----------	10 daughters-	16	6,463	5.1	328
Born, 2-19-37; proved, 1-21-48;----; Minn.	7 daughters--	11	6,440	5.1	327
Sire, 198454; dam, 277048.	7 dams-------	17	8,117	5.0	403
Herd Owner, Leo E. Wright, Aitkin.	Difference---	(1-5-1)	-1,677	+.1	-76
MYRTLE'S MACK OF HOOVENS FARM 249374----------	5 daughters--	9	9,078	4.4	400
Born, 10-17-36; proved, 1-16-48;----; Ind.	5 dams-------	11	9,852	4.6	452
Sire, 216716; dam, 384842.	Difference---	(2-1-2)	-774	-.2	-52
Herd Owner, Preacher's Aid Society, Parker City.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OTT'S KING OF WILDWOOD 223748----------	10 daughters-	13	6,752	5.1	347
Born, 11-15-33; proved, 1-20-48;----; Minn.	8 daughters--	11	6,247	5.2	327
Sire, 183050; dam, 184553.	8 dams-------	16	5,977	5.5	326
Herd Owner, Robert L. Ott, Albert Lea.	Difference---	(5-2-4)	+270	-.3	+ 1
PLEASANT RIDGE AMBASSADOR 282782 *11----------	18 daughters-	29	9,990	4.7	472
Born, 12-6-38; proved, 1-2-48; alive ; Iowa.	13 daughters-	21	10,251	4.7	485
Sire, 242006; dam, 458208.	13 dams------	42	9,937	4.6	458
Used in Dairy Genetics Co. A. B. A.	Difference---	(8-10-9)	+314	+.1	+27
PRINCE EMIR OF FOREST HILLS 258754----------	11 daughters-	11	7,574	5.1	385
Born, 11-11-37; proved, 1-15-48;----; Mich.	6 daughters--	6	7,884	5.2	408
Sire, 230161; dam, 486160.	6 dams-------	12	8,449	4.9	413
Herd Owner, Holleman Brothers, Byron Center.	Difference---	(2-6-3)	-565	+.3	- 5
PROUD LADY'S O.K. OF MERCER 258582----------	13 daughters-	24	7,349	4.7	344
Born, 1-27-38; proved, 1-13-48;----; N. J.	10 daughters-	19	7,225	4.5	328
Sire, 233903; dam, 251851.	10 dams------	25	8,262	4.7	386
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference---	(4-4-4)	-1,037	-.2	-58
QUAIL ROOST PRINCE DUDLEY 258068----------	11 daughters-	14	6,624	4.7	311
Born, 9-20-37; proved, 1-16-48; alive ; N. C.	11 dams------	36	6,452	4.5	293
Sire, 209991; dam, 414067.	Difference---	(6-7-4)	+172	+.2	+18
Herd Owner, Notla Farms, Culberson.					
RIEGELDALE EMORY'S COUNT 321803----------	6 daughters--	6	7,951	5.6	448
Born, 1-22-42; proved, 1-30-48;----; Md.	6 dams-------	21	7,128	4.8	341
Sire, 254801; dam, 524131.	Difference---	(4-6-6)	+823	+.8	+107
Herd Owner, Laurance M. Buck, Baldwin.					
ROCKINGHAM GOVERNOR 255356----------	8 daughters--	12	9,876	5.3	526
Born, 2-24-36; proved, 1-29-48;----; Maine.	6 daughters--	10	9,887	5.4	536
Sire, 170277; dam, 279199.	6 dams-------	19	8,330	4.6	380
Herd Owner, Ram Island Farm, South Portland.	Difference---	(4-5-4)	+1,557	+.8	+156
ST. JAMES PHILOSOPHER'S LEADER 263030----------	11 daughters-	12	8,914	4.6	412
Born, 2-20-38; proved, 1-21-48;----; Iowa.	7 daughters--	8	9,322	4.8	448
Sire, 187794; dam, 367782.	7 dams-------	15	7,169	5.0	356
Used in North Iowa Co-op. A. B. A.	Difference---	(6-3-6)	+2,153	-.2	+92
STAR'S FINIS 249571----------	8 daughters--	14	8,033	4.7	378
Born, 2-20-37; proved, 1-27-48;----; Mich.	7 daughters--	13	7,687	4.7	359
Sire, 202872; dam, 380068.	7 dams-------	20	7,507	4.8	357
Herd Owner, Ross D. Cortright, Albion.	Difference---	(2-4-2)	+180	-.1	+ 2
TIM'S COLONEL 249290----------	9 daughters--	11	7,336	4.6	334
Born, 12-15-36; proved, 1-15-48;----; Iowa.	9 dams-------	22	7,393	4.8	358
Sire, 186929; dam, 362070.	Difference---	(3-3-3)	- 57	-.2	-24
Herd Owner, Schmidt & Larson, Elkader.					
ULTRA'S ALERT OF RIDGLYDALE 252049----------	9 daughters--	12	7,158	4.7	336
Born, 4-9-37; proved, 1-20-48;----· Ill.	8 daughters--	11	7,198	4.7	339
Sire, 198651; dam, 381087.	8 dams-------	29	7,666	4.7	361
Herd Owner, Dr. Ben D. Baird, St. Augustine.	Difference---	(3-4-4)	-468	.0	-22
U-TAH-NA BUTTERFAT PRINCE 264640----------	7 daughters--	11	7,546	4.5	342
Born, 10-16-36; proved, 1-16-48;----; Utah.	5 daughters--	9	7,303	4.6	334
Sire, 218099; dam, 172409.	5 dams-------	5	7,351	5.1	372
Herd Owner, C. A. Ferrin, Ogden.	Difference---	(3-1-2)	- 48	-.5	-38
WIS KOY PROMOTER 251271----------	10 daughters-	21	5,838	4.9	287
Born, 3-11-35; proved, 1-16-48;----; W. Va.	7 daughters--	13	5,701	4.8	274
Sire, 201573; dam, 312439.	7 dams-------	21	6,915	4.8	335
Herd Owner, Maxwell Farms Dairy, Clarksburg.	Difference---	(1-3-1)	-1,214	.0	-61
13*271088 (BANGS OR TB EARTAG)----------	11 daughters-	24	6,615	4.6	304
Born, ----; proved, 1-23-48;----; Vt.	6 daughters--	7	5,605	4.8	271
Sire, ----; dam, ----.	6 dams-------	17	9,815	5.0	491
Herd Owner, Arthur E. Wright & Sons, Grafton.	Difference---	(0-4-0)	-4,210	-.2	-220
21-F3767 (DHIA EARTAG)----------	5 daughters--	9	8,741	3.9	343
Born, ----; proved, 1-26-48;----; N. Y.	5 dams-------	20	8,830	4.1	366
Sire, ----; dam, ----.	Difference---	(3-2-2)	- 89	-.2	-23
Herd Owner, Floyd & Lavera Lawyer, Cobleskill.					
23-D6113 (DHIA EARTAG)----------	7 daughters--	24	8,898	4.4	394
Born, ----; proved, 1-26-48;----; Pa.	6 daughters--	20	8,885	4.4	394
Sire, ----; dam, ----.	6 dams-------	35	10,073	3.9	396
Herd Owner, T. W. McLain & Son, Moscow.	Difference---	(1-6-3)	-1,188	+.5	- 2
23*P7463 (BANGS OR TB EARTAG)----------	9 daughters--	5[illegible]	7,887	5.2	407
Born, ----; proved, 1-23-48;----; Pa.	6 daughters--	33	7,701	4.9	[illegible]
Sire, ----; dam, ----.	6 dams-------	27	8,409	[illegible]	[illegible]
Herd Owner, Clifford H. Hughes, Rochester Mills.	Difference---	(4-3-1)	-708	[illegible]	[illegible]

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
23*AK75596 (BANGS OR TB EARTAG)----------	6 daughters--	8	7,028	4.7	334
Born, ----; proved, 1-28-48;----; Pa.	5 daughters--	7	7,282	4.8	350
Sire, ----; dam, ----.	5 dams-------	17	8,383	4.6	389
Herd Owner, J. Edgar Black, Altoona.	Difference---	(2-4-1)	-1,101	+.2	-39

HOLSTEIN SIRES

ABBEKERK CORNELL LYONS 780884----------	13 daughters-	13	10,982	3.6	393
Born, 9-29-38; proved, 1-15-48;----; N. Y.	5 daughters--	5	9,994	3.6	361
Sire, 741493; dam, 1716789.	5 dams-------	11	11,684	3.3	380
Herd Owner, Seth G. Parsons, Sharon Springs.	Difference---	(2-4-2)	-1,690	+.3	-19
ABIE TRIUNE INKA BELLE 798678----------	6 daughters--	6	12,896	3.4	441
Born, 1-5-40; proved, 1-28-48;----; Calif.	6 dams-------	32	12,885	3.6	463
Sire, 648038; dam, 1732291.	Difference---	(3-3-3)	+ 11	-.2	-22
Herd Owner, Kidd Brothers, Modesto.					
ADEQUATE JAMES ORMSBY POSCH 767885----------	5 daughters--	7	12,542	3.3	409
Born, 9-12-38; proved, 1-14-48;----; Pa.	5 dams-------	16	10,845	3.4	368
Sire, 603155; dam, 907025.	Difference---	(5-2-5)	+1,697	-.1	+41
Herd Owner, Raymond Kable, Jersey Shore.					
ADMIRAL BONNY GIRL 676723 *5----------	52 daughters-	158	11,999	3.8	451
Born, 3-1-33; proved, 1-28-48;----; Wis.	50 daughters-	149	12,001	3.8	453
Sire, 646021; dam, 513191.	50 dams------	232	11,445	3.7	418
Used in East Central Co-op. A. B. A.	Difference---	(28-37-30)	+556	+.1	+35
ALBERTVILLE BURKE SNOWBALL ROY 808496----------	10 daughters-	10	11,577	3.6	416
Born, 6-3-40; proved, 1-15-48;----; Wis.	7 daughters--	7	11,609	3.6	417
Sire, 742522; dam, 1361950.	7 dams-------	15	11,313	3.4	384
Herd Owner, Sam Roycraft, Cadott.	Difference---	(2-6-3)	+296	+.2	+33
ARL POSCH PIEBE KORNDYKE 818528----------	8 daughters--	12	12,381	3.4	422
Born, 1-16-41; proved, 1-14-48; dead ; N. Y.	5 daughters--	8	12,395	3.3	413
Sire, 777945; dam, 1805244.	5 dams-------	8	11,694	3.6	418
Herd Owner, Paul Harkenrider, Rexville.	Difference---	(3-2-2)	+701	-.3	- 5
ASYLUM MANTEL DE KOL 841907----------	13 daughters-	16	10,218	3.8	384
Born, 7-31-41; proved, 1-15-48;----; Wis.	12 daughters-	14	10,279	3.7	382
Sire, 792294; dam, 1627293.	12 dams------	50	11,337	3.6	406
Herd Owner, Manitowoc Co. Asylum, Manitowoc.	Difference---	(3-11-5)	-1,058	+.1	-24
BADGER FOBES TON 778064----------	7 daughters--	10	11,025	3.4	375
Born, 10-31-38; proved, 1-27-48;----; Wis.	7 dams-------	24	11,583	3.5	407
Sire, 720557; dam, 1549979.	Difference---	(3-4-2)	-558	-.1	-32
Herd Owner, Henry Binversie, Kiel.					
BAKER FARM WALKER LABEL 817053----------	14 daughters-	14	11,030	3.4	377
Born, 1-22-41; proved, 1-27-48; alive; N. Y.	11 daughters-	11	11,255	3.4	378
Sire, 608348; dam, 1675529.	11 dams------	56	11,172	3.2	360
Herd Owner, Stephen J. Krist, Portville.	Difference---	(7-7-6)	+ 83	+.2	+18
BALLARD FARM FOBES ORMSBY LAD (TWIN) 837393----------	5 daughters--	6	10,380	4.0	412
Born, 9-5-41; proved, 1-29-48;----; N. Y.	5 dams-------	8	10,265	3.7	380
Sire, 783750; dam, 1814168.	Difference---	(3-5-4)	+115	+.3	+32
Herd Owner, Leland Palmer, Wellsburg.					
BEECHWOOD ORMSBY FOBES DICTATOR 833961----------	20 daughters-	20	10,335	3.5	366
Born, 4-15-41; proved, 1-28-48;----; Wis.	20 dams------	90	10,113	3.4	342
Sire, 662443; dam, 1574071.	Difference---	(11-14-12)	+222	+.1	+24
Herd Owner, Dunn County Asylum, Menomonie.					
BLYTHEFIELD SEGIS ORMSBY TRIUNE 757403----------	11 daughters-	11	14,086	3.4	485
Born, 1-13-38; proved, 1-30-48;----; Mich.	5 daughters--	5	14,709	3.4	502
Sire, 579343; dam, 1635012.	5 dams-------	11	14,003	3.4	471
Herd Owner, Henry R. Bourassa & Sons, Linwood.	Difference---	(4-3-4)	+706	.0	+31
BURDOCKS OLLIE JIGGS 793378----------	8 daughters--	9	11,469	3.6	407
Born, 8-23-39; proved, 1-30-48;----; N. Y.	7 daughters--	8	11,523	3.5	407
Sire, 748508; dam, 1382054.	7 dams-------	13	10,341	3.8	390
Herd Owner, H. C. Abbott & Son, Locke.	Difference---	(5-0-4)	+1,182	-.3	+17
BURROWMEAD BESSIE ORMSBY PONDYKE (TWIN) 737383----------	5 daughters--	14	13,427	3.6	481
Born, 5-22-36; proved, 1-29-48;----; Pa.	5 dams-------	20	11,879	3.8	449
Sire, 688265; dam, 1396316.	Difference---	(4-2-4)	+1,548	-.2	+32
Herd Owner, Carl Johnson, Sugar Grove.					
CANARY PIEBE CREAMELLE 760688----------	13 daughters-	16	10,393	3.5	368
Born, 7-11-38; proved, 1-13-48;----; Wis.	10 daughters-	13	10,752	3.5	376
Sire, 707959; dam, 1217726.	10 dams------	20	13,127	3.6	473
Herd Owner, Charles A. Crocker, Brooklyn.	Difference---	(2-3-2)	-2,375	-.1	-97

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CARD FARM KORNDYKE RAG APPLE 778700----------	5 daughters--	6	9,281	3.4	313
Born, 1-10-39; proved, 1-21-48;----; N. Y.	5 dams-------	25	13,786	3.5	489
Sire, 753676; dam, 1784120.	Difference---	(0-2-0)	-4,505	-.1	-176
Used in Broome Dairy Cattle A. B. A.					
CARNATION GOVERNOR INKA FAYNE 739013----------	19 daughters-	34	11,649	3.7	429
Born, 9-1-36; proved, 1-30-48;----; N. J.	17 daughters-	32	11,758	3.7	432
Sire, 629472; dam, 1203382.	17 dams------	47	12,523	3.6	447
Herd Owner, Frank C. Pettit, Woodstown.	Difference---	(4-12-8)	-765	+.1	-15
CARNATION IMPERIAL CHIEFTAIN LAD 828805----------	6 daughters--	6	17,208	3.4	577
Born, 7-15-41; proved, 1-30-48;----; Utah.	6 dams-------	13	12,318	3.6	445
Sire, 698462; dam, 1820812.	Difference---	(6-2-5)	+4,890	-.2	+132
Herd Owner, Utah State Agricultural College, Logan.					
CARNATION IMPERIAL VEEMAN 799093----------	15 daughters-	18	10,959	3.6	399
Born, 6-4-40; proved, 1-19-48;----; Mich.	7 daughters--	10	11,160	3.6	399
Sire, 698462; dam, 1639582.	7 dams-------	10	12,306	3.5	427
Herd Owner, Van Hoosen Farm, Rochester.	Difference---	(2-4-4)	-1,146	+.1	-28
CEDAR LAWN SIR ORMSBY POSCH 3D 626890----------	22 daughters-	55	11,952	3.7	439
Born, 12-16-29; proved, 1-16-48;----; Wis.	9 daughters--	26	11,549	3.6	419
Sire, 571221; dam, 1202961.	9 dams-------	39	12,585	3.5	443
Herd Owner, Hugo O. Moths & Sons,Random Lake.	Difference---	(2-7-4)	-1,036	+.1	-24
CHESTERSONS GEM SUPREME 806236----------	9 daughters--	14	14,147	3.3	463
Born, 2-9-40; proved, 1-12-48;----; Iowa.	6 daughters--	9	14,106	3.2	455
Sire, 702939; dam, 1661804.	6 dams-------	10	13,130	3.5	464
Herd Owner, Fern Huling,Britt.	Difference---	(3-1-1)	+976	-.3	- 9
CHIEF COLANTHA PIEBE JOHN 750739----------	18 daughters-	29	8,871	3.7	326
Born, 1-25-37; proved, 1-21-48;----; Va.	12 daughters-	19	8,587	3.7	315
Sire, 709889; dam, 1374856.	12 dams------	30	9,279	3.8	348
Herd Owner, Shanklin Dairies, Inc., Marion.	Difference---	(4-5-5)	-692	-.1	-33
CHIEF PIEBE LINE-GERBEN COLAN STAR 794633----------	9 daughters--	13	13,219	3.8	505
Born, 8-5-39; proved, 1-27-48;----; Pa.	7 daughters--	10	13,064	3.8	494
Sire, 444088; dam, 1859291.	7 dams-------	28	14,358	3.5	501
Herd Owner, Western Penitentiary, Bellefonte.	Difference---	(1-7-3)	-1,294	+.3	- 7
COLONY FLOOD PERFECTION 6TH 763787----------	40 daughters-	91	10,999	3.6	391
Born, 12-17-36; proved, 1-13-48; dead ; Ariz.	38 daughters-	87	10,855	3.6	389
Sire, 103450 CHB.; dam, 275267 CHB.	38 dams------	186	12,033	3.6	437
Herd Owner, Jess S. Elliott, Tolleson.	Difference---	(12-18-11)	-1,178	.0	-48
COLONY MORAG KOBA ROMEO 804734----------	8 daughters--	10	11,101	3.4	375
Born, 10-22-39; proved, 1-27-48;----; Wis.	8 dams-------	41	10,402	3.7	381
Sire, 495741; dam, 196323 CHB.	Difference---	(4-1-2)	+699	-.3	- 6
Used In Polk Co. Co-op. A. B. A.					
COMMANDER OAK STAR 13118----------	14 daughters-	24	10,304	3.3	344
Born, 4-24-36; proved, 1-27-48;----; Pa.	5 daughters--	8	9,980	3.3	326
Sire, 666431; dam, 1579068.	5 dams-------	13	11,104	3.3	366
Herd Owner, Henry H. Mead & Sons, Waymart.	Difference---	(2-4-2)	-1,124	.0	-40
CORNELL PRIDE CADET 841056----------	7 daughters--	7	9,887	3.6	353
Born, 4-3-41; proved, 1-27-48;----; N. Y.	7 dams-------	31	11,579	3.5	401
Sire, 689012; dam, 1837487.	Difference---	(0-5-0)	-1,692	+.1	-48
Herd Owner, John L. Schoonmaker, Accord.					
CORRECTION PREMIER PABST 831626----------	8 daughters--	8	11,386	3.7	426
Born, 7-1-41; proved, 1-14-48;----; Wis.	7 daughters--	7	11,743	3.7	439
Sire, 801842; dam, 1924567.	7 dams-------	33	10,817	3.6	386
Herd Owner, Alfred Riewesthal, Hales Corners.	Difference---	(5-5-6)	+926	+.1	+53
CRESTLYN HEILO ORMSBY SENATOR 769416----------	8 daughters--	11	10,356	3.8	391
Born, 1-2-39; proved, 1-13-48;----; Mich.	8 dams-------	19	12,787	3.5	447
Sire, 649401; dam, 1758405.	Difference---	(1-7-2)	-2,431	+.3	-56
Herd Owner, Walter Hobkirk & Sons, Bad Axe.					
DE KOL ORMSBY COPIA PRILLY 812174----------	7 daughters--	7	9,682	3.7	361
Born, 6-24-40; proved, 1-14-48;----; Pa.	5 daughters--	5	9,780	3.7	359
Sire, 724851; dam, 1972740.	5 dams-------	18	10,014	3.6	361
Herd Owner, David F. Rider, Mechanicsburg.	Difference---	(2-3-2)	-234	+.1	- 2
DICK FOBES ORMSBY COLANTHA 810529----------	10 daughters-	14	13,204	3.5	466
Born, 4-8-40; proved, 1-15-48;----; Wis.	9 daughters--	13	13,144	3.5	458
Sire, 750659; dam, 1860125.	9 dams-------	16	13,429	3.5	473
Herd Owner, Mirsberger Brothers, Hilbert.	Difference---	(4-5-5)	-285	.0	-15
DOUBLE BESSIE ORMSBY PIETERTJE 813296----------	11 daughters-	14	10,509	3.7	384
Born, 12-6-40; proved, 1-27-48;----; Ill.	10 daughters-	12	10,579	3.7	387
Sire, 763867; dam, 1817891.	10 dams------	14	11,643	3.5	412
Herd Owner, Delbert Bowser, Illinois City.	Difference---	(2-6-3)	-1,064	+.2	-25

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DUNLOGGIN BONHEUR ORMSBY 760341----------	23 daughters-	40	11,478	3.3	384
Born, 6-19-38; proved, 1-19-48;----; Md.	15 daughters-	29	11,615	3.3	383
Sire, 723898; dam, 1680830.	15 dams------	60	11,762	3.5	416
Herd Owner, Joseph D. Baker, Jr., Monkton.	Difference---	(8-7-2)	-147	-.2	-33
EDIT ORMSBY VOLISKA 805597----------	6 daughters--	7	9,098	3.6	329
Born, 5-24-40; proved, 1-12-48;----; N. Y.	6 dams-------	37	9,526	3.6	345
Sire, 725976; dam, 1739579.	Difference---	(3-4-3)	-428	.0	-16
Herd Owner, Oscar Kahler & Son, Elmira.					
ELMVALE PIETERTJE ARTIS 725938----------	7 daughters--	13	10,192	3.3	331
Born, 8-13-35; proved, 1-29-48;----; N. Y.	7 dams-------	18	9,765	3.4	335
Sire, 658861; dam, 1662418.	Difference---	(4-3-3)	+427	-.1	- 4
Herd Owner, Gifford Bowerman, Canajoharie.					
ESSEX JACKO DOUBLE DESIGN 842704----------	7 daughters--	8	12,927	3.3	432
Born, 12-24-41; proved, 1-15-48; alive ; Nebr.	7 dams-------	26	12,627	3.2	410
Sire, 774749; dam, 2066332.	Difference---	(4-6-4)	+300	+.1	+22
Herd Owner, State Board of Control, Lincoln.					
FARMINGTON SIR HEILO PONTIAC 805159----------	10 daughters-	13	15,783	3.3	528
Born, 11-29-39; proved, 1-14-48;----; Mo.	10 dams------	31	12,173	3.4	413
Sire, 752676; dam, 1836933.	Difference---	(10-6-10)	+3,610	-.1	+115
Herd Owner, Missouri State School, Marshall.					
FEMCO SIR PIETS 805102----------	9 daughters--	9	9,148	3.7	336
Born, 9-13-40; proved, 1-14-48;----; Wis.	7 daughters--	7	9,375	3.6	340
Sire, 643668; dam, 1851304.	7 dams-------	14	10,990	3.5	390
Herd Owner, Lester Carpenter, Chetek.	Difference---	(1-4-3)	-1,615	+.1	-50
FOBES PONTIAC CORNFLOWER 585042 *4----------	41 daughters-	177	11,582	3.7	425
Born, 11-25-28; proved, 1-29-48;----; Wis.	28 daughters-	129	11,803	3.7	437
Sire, 389492; dam, 1288840.	28 dams------	79	12,378	3.4	422
Herd Owner, Philip Bastian, Forest Junction.	Difference---	(9-26-13)	-575	+.3	+15
FORESTLEA ENSIGN JOE 817911----------	8 daughters--	8	9,525	3.6	346
Born, 1-26-41; proved, 1-13-48;----; Wis.	7 daughters--	7	9,703	3.6	346
Sire, 772579; dam, 1861604.	7 dams-------	16	11,083	3.7	412
Herd Owner, Henry Bloy, Forest Junction.	Difference---	(1-3-0)	-1,380	-.1	-66
FORSGATE KING AAGGIE JESSIE 768844----------	26 daughters-	66	10,827	3.4	369
Born, 10-29-37; proved, 1-27-48;----; N. J.	23 daughters-	56	10,679	3.4	365
Sire, 654641; dam, 947899.	23 dams------	124	11,349	3.7	419
Herd Owner, New Jersey State Prison Farm, Bordentown.	Difference---	(5-4-2)	-670	-.3	-54
GENODALE GREAT MISTER X 834221----------	7 daughters--	7	12,924	3.4	445
Born, 9-6-38; proved, 1-27-48; dead ; N. Y.	7 dams-------	22	10,361	3.4	349
Sire, 731349; dam, 1909306.	Difference---	(6-3-7)	+2,563	.0	+96
Herd Owner, Joseph F. Dwyer, Delhi.					
GENODALE INKA ROYAL 836498----------	9 daughters--	12	13,068	3.4	450
Born, 1-14-41; proved, 1-29-48; alive ; N. Y.	9 dams-------	31	12,871	3.7	482
Sire, 658861; dam, 1734164.	Difference---	(4-3-3)	+197	-.3	-32
Herd Owner, Howard D. McIntyre, Perry.					
GILKEY FARMS GYPSIE KING 785172----------	5 daughters--	8	12,971	3.5	454
Born, 2-14-39; proved, 1-14-48;----; Minn.	5 dams-------	17	13,824	3.5	485
Sire, 741679; dam, 1913151.	Difference- -	(1-4-1)	-853	.0	-31
Herd Owner, George L. Quist & Son, Lafayette.					
GLEN EDEN ROMEO FOBES 787446----------	6 daughters--	6	14,915	3.4	504
Born, 12-28-39; proved, 1-14-48;----; Ill.	6 dams-------	10	13,374	3.4	460
Sire, 787441; dam, 1816119.	Difference---	(5-2-4)	+1,541	.0	+44
Herd Owner, Ollie Troyles, Homer.					
GODFREYS MARTO ORMSBY FORUM 750584----------	15 daughters-	34	11,281	3.6	401
Born, 1-16-38; proved, 1-29-48;----; Ill.	13 daughters-	32	11,011	3.5	391
Sire, 647840; dam, 1815105.	13 dams------	37	12,292	3.5	431
Herd Owner, Rainbow Dairy Farm, Wasco.	Difference---	(5-9-4)	-1,281	.0	-40
GRAYMOOR NAVIGATOR 774963----------	8 daughters--	9	12,523	3.4	425
Born, 12-24-38; proved, 1-27-48;----; N. Y.	5 daughters--	6	13,754	3.3	456
Sire, 720325; dam, 1519218.	5 dams-------	21	11,613	3.4	395
Herd Owner, Bowdoin Memorial Farm, New Hamburg.	Difference---	(4-3-4)	+2,141	-.1	+61
GREEN HILL JAMES 795111----------	7 daughters--	9	12,436	3.7	457
Born, 1-13-40; proved, 1-12-48;----; Pa.	7 dams-------	42	11,936	3.6	428
Sire, 751408; dam, 1671081.	Difference---	(4-5-4)	+500	+.1	+29
Herd Owner, R. A. Eisaman, Irwin.					
GREENWOOD ADMIRAL DELLA 811092----------	31 daughters-	38	11,610	3.6	419
Born, 3-22-40; proved, 1-19-48;----; Pa.	27 daughters-	33	11,640	3.6	421
Sire, 671272; dam, 1588240.	27 dams------	117	12,057	3.4	413
Herd Owner, Edward S. Brooking, Pleasant Mount.	Difference---	(7-20-13)	-417	+.2	+ 8

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HARK VICKERY VALE ROSEBUD OF V V 810576----------	8 daughters--	12	13,599	3.6	487
Born, 6-10-40; proved, 1-15-48;----; Wis.	8 dams-------	56	12,249	3.6	441
Sire, 792552; dam, 2078056.	Difference---	(7-5-7)	+1,350	.0	+46
Herd Owner, Jones & Powers, Racine.					
HARTOG ORMSBY FAYNE PIEBE 795745----------	6 daughters--	9	9,654	3.6	349
Born, 10-3-39; proved, 1-26-48;----; Pa.	6 dams-------	26	9,915	3.5	342
Sire, 706640; dam, 1604473.	Difference---	(2-6-2)	-261	+.1	+ 7
Herd Owner, Reuben Clouse, Newville.					
HARTOG POSCH INKA LAD 810496----------	6 daughters--	11	14,539	3.2	469
Born, 6-3-40; proved, 1-14-48;----; Ill.	6 dams-------	13	12,554	3.4	422
Sire, 716462; dam, 1555726.	Difference---	(5-2-5)	+1,985	-.2	+47
Herd Owner, Garnhart & Campbell, Forreston.					
HAZELBELL CLASS LEADER FULLPAIL 833781----------	7 daughters--	9	12,789	3.5	444
Born, 6-6-40; proved, 1-15-48;----; Ill.	7 dams-------	30	12,815	3.4	437
Sire, 757250; dam, 1968702.	Difference---	(3-6-3)	- 26	+.1	+ 7
Herd Owner, Bellwood Farms, Barrington.					
HORSEPEN ORMSBY SUPERIOR 764340----------	20 daughters-	44	10,386	3.4	351
Born, 9-27-38; proved, 1-30-48;----; Va.	10 daughters-	24	10,592	3.4	358
Sire, 729552; dam, 1722336.	10 dams------	44	11,311	3.6	404
Herd Owner, Sterling Farm, Sterling.	Difference---	(5-4-2)	-719	-.2	-46
ILEHAMWOOD ORMSBY JOE 660272----------	58 daughters-	104	12,687	3.7	469
Born, 5-12-31; proved, 1-13-48;----; Ill.	26 daughters-	48	12,580	3.8	478
Sire, 374618; dam, 1010932.	26 dams------	41	11,087	3.6	398
Herd Owner, Rolling Woods Farm, Elgin.	Difference---	(21-23-21)	+1,493	+.2	+80
ILEHAMWOOD PIETERTJE ORMSBY PIEBE 738635----------	7 daughters--	7	11,583	3.6	413
Born, 6-21-36; proved, 1-26-48;----; Ill.	5 daughters--	5	11,952	3.5	424
Sire, 667300; dam, 1312628.	5 dams-------	12	10,638	3.5	370
Herd Owner, Cecil L. Shreffler, Kankakee.	Difference---	(4-4-4)	+1,314	.0	+54
ILLINI CREATOR KING FLOOD 807955----------	6 daughters--	7	13,225	3.3	434
Born, 7-13-40; proved, 1-12-48;----; Ill.	5 daughters--	6	13,182	3.3	432
Sire, 765378; dam, 1777482.	5 dams-------	12	12,802	3.3	423
Herd Owner, D. W. Ordner, Teutopolis.	Difference---	(2-3-4)	+380	.0	+ 9
INDIANA INKA GENE 761850----------	7 daughters--	9	11,808	3.6	423
Born, 9-23-37; proved, 1-19-48;----; Ind.	6 daughters--	8	11,891	3.5	420
Sire, 654504; dam, 1778840.	6 dams-------	11	11,457	3.2	372
Herd Owner, Fort Wayne State School, Fort Wayne.	Difference---	(4-6-5)	+434	+.3	+48
IONIA K B K O RAUWERD PRINCE 810906----------	11 daughters-	18	11,327	3.5	393
Born, 4-10-40; proved, 1-26-48;----; Mich.	6 daughters--	9	11,319	3.5	391
Sire, 574194; dam, 1868534.	6 dams-------	11	11,120	2.9	319
Herd Owner, Gratiot Co. Home, Ithaca.	Difference---	(4-5-5)	+199	+.6	+72
JANLEN ORMSBY FOBES 782733----------	11 daughters-	18	12,093	3.5	427
Born, 10-27-38; proved, 1-14-48;----; Iowa.	11 dams------	20	11,807	3.3	390
Sire, 683503; dam, 1349252.	Difference---	(8-10-7)	+286	+.2	+37
Herd Owner, Homer Chapman, Fayette.					
JONABELL GENERAL 845913----------	10 daughters-	10	12,536	3.5	434
Born, 4-23-42; proved, 1-15-48; alive ; Iowa.	7 daughters--	7	12,406	3.4	417
Sire, 720861; dam, 1747161.	7 dams-------	17	11,807	3.5	414
Herd Owner, Donald Burco, Aurora.	Difference---	(4-3-3)	+599	-.1	+ 3
JOSHUA HENGERVELD DEYSHER 796652----------	5 daughters--	13	11,681	3.5	407
Born, 7-18-39; proved, 1-30-48;----; Vt.	5 dams-------	19	10,682	3.6	382
Sire, 723716; dam, 1577156.	Difference---	(2-1-2)	+999	-.1	+25
Herd Owner, Amherst B. & W. A. Weeks, North Clarendon.					
KARIOLE KING CARNATION 812849----------	11 daughters-	16	11,510	3.6	413
Born, 1-22-40; proved, 1-28-48;----; Wis.	10 daughters-	14	11,752	3.5	416
Sire, 705177; dam, 1104773.	10 dams------	24	10,520	3.6	378
Herd Owner, Kenneth G. Smith, Brooklyn.	Difference---	(7-5-8)	+1,232	-.1	+38
KING BESSIE SENATOR ROYAL 804666----------	6 daughters--	7	10,565	3.3	349
Born, 10-10-39; proved, 1-27-48;----; Ill.	5 daughters--	6	9,854	3.2	317
Sire, 741205; dam, 1475483.	5 dams-------	7	9,324	3.2	301
Herd Owner, Hawthorn Farm, Libertyville.	Difference---	(3-2-2)	+530	.0	+16
KING CAREER SWEET 811461----------	15 daughters-	17	13,419	3.6	488
Born, 7-3-40; proved, 1-28-48;----; N. J.	12 daughters-	12	13,207	3.6	480
Sire, 675837; dam, 1779076.	12 dams------	29	11,687	3.5	412
Herd Owner, Ernest Van Lieu, Ringoes.	Difference---	(7-8-9)	+1,520	+.1	+68
KING CREAMELLE ARTIS HOMESTEAD 831587----------	8 daughters--	9	9,301	3.6	333
Born, 4-15-41; proved, 1-14-48;----; Wis.	8 dams-------	24	7,910	3.8	298
Sire, 794030; dam, 1942023.	Difference---	(5-3-4)	+1,391	-.2	+35
Herd Owner, Edwin & Lawrence Haseleu, Reeseville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING NELLIE SPOFFORD 795001----------	13 daughters-	26	9,798	3.8	373
Born, 3-5-38; proved, 1-29-48;----; N. Y.	11 daughters-	24	9,713	3.9	374
Sire, 612698; dam, 1657406.	11 dams------	47	10,709	3.6	384
Herd Owner, Wigsten Farms, Horseheads.	Difference---	(3-10-5)	-996	+.3	-10
KING ORMSBY COLANTHA TRUTH 2D 809045----------	14 daughters-	20	14,113	3.7	516
Born, 7-5-40; proved, 1-14-48; alive ; Kans.	11 daughters-	16	14,027	3.7	516
Sire, 754922; dam, 1805647.	11 dams------	31	10,892	3.6	388
Herd Owner, Topeka State Hospital, Topeka.	Difference---	(11-7-11)	+3,135	+.1	+128
KING ORMSBY OPTIMIST CON 812385----------	6 daughters--	9	9,659	3.3	322
Born, 11-13-40; proved, 1-28-48;----; Minn.	6 dams-------	23	10,595	3.5	369
Sire, 773791; dam, 1758438.	Difference---	(1-2-1)	-936	-.2	-47
Herd Owner, Conrad H. Lenzmeier, Shakopee.					
LAUXMONT RAG APPLE PILOT 760856 *9----------	8 daughters--	16	13,557	3.8	512
Born, 4-26-38; proved, 1-15-48;----; Pa.	7 daughters--	15	13,810	3.8	525
Sire, 695000; dam 1297143.	7 dams-------	20	10,708	3.6	385
Used in Southeastern Pennsylvania A. B. A.	Difference---	(6-7-6)	+3,102	+.2	+140
LENTH ALCARTRA MATADOR LAD 770409----------	12 daughters-	22	14,244	3.6	518
Born, 11-2-37; proved, 1-13-48;----; Iowa.	10 daughters-	14	14,349	3.6	511
Sire, 701528; dam, 1899426.	10 dams------	23	13,295	3.5	463
Herd Owner, Emil Zurcher & Son, Farmersburg.	Difference---	(8-7-10)	+1,054	+.1	+48
LOC-PINE V O SUNNY BOY 757476----------	7 daughters--	9	6,499	3.6	233
Born, 3-3-38; proved, 1-19-48;----; Pa.	6 daughters--	8	6,667	3.5	234
Sire, 706212; dam, 1633158.	6 dams-------	12	9,756	3.6	347
Herd Owner, Everglad Dairy, Pulaski.	Difference---	(1-2-1)	-3,089	-.1	-113
LUCKY DAY DUKE FOBES ORMSBY 813998----------	20 daughters-	27	11,897	3.3	396
Born, 9-7-40; proved, 1-12-48;----; Wis.	20 dams------	64	12,063	3.4	404
Sire, 728962; dam, 1957229.	Difference---	(9-13-11)	-166	-.1	- 8
Herd Owner, Melvin Werndli, Belleville.					
MADCAP ROLLINS 804615----------	8 daughters--	8	10,390	3.3	340
Born, 2-4-34; proved, 1-22-48;----; N. H.	5 daughters--	5	10,663	3.2	342
Sire, 93169 CHB.; dam, 146900 CHB.	5 dams-------	7	12,211	3.1	377
Herd Owner, Stone House Farm, Durham Point.	Difference---	(2-3-2)	-1,548	+.1	-35
MALCOLM FARM MERCEDES FOBES 837546----------	8 daughters--	8	12,801	3.8	481
Born, 1-15-40; proved, 1-30-48;----; Wis.	8 dams-------	37	11,958	3.7	444
Sire, 756858; dam, 1546800.	Difference---	(6-7-6)	+843	+.1	+37
Herd Owner, Nels G. Holmstrom, Rice Lake.					
MAN-O-WAR KING OLLIE 737087----------	23 daughters-	57	10,379	3.3	347
Born, 3-25-36; proved, 1-23-48;----; Wis.	8 daughters--	15	9,734	3.4	332
Sire, 653086; dam, 1632867.	8 dams-------	19	10,216	3.1	315
Herd Owner, Sauk County Farm, Reedsburg.	Difference---	(5-8-6)	-482	+.3	+17
MAPLE NOOK LAURA CLYDE 802186----------	7 daughters--	10	10,104	3.5	349
Born, 9-24-39; proved, 1-21-48;----; N. Y.	6 daughters--	9	10,240	3.4	350
Sire, 760950; dam, 1840383.	6 dams-------	8	12,848	3.4	432
Herd Owner, Ernest A. Rutherford, Madrid.	Difference---	(0-5-0)	-2,608	.0	-82
MARATHON PONTIAC WALDORF SEGIS 787565----------	8 daughters-	8	10,014	3.4	342
Born, 6-8-39; proved, 1-12-48;----; Pa.	6 daughters--	6	10,491	3.4	357
Sire, 602490; dam, 1726835.	6 dams-------	10	11,856	3.4	398
Herd Owner, J. G. Sherred, Venango.	Difference---	(1-2-2)	-1,365	.0	-41
MARNEST CREATOR PERFECTION 808859----------	7 daughters--	9	9,174	3.5	320
Born, 10-5-40; proved, 1-22-48;----; Iowa.	5 daughters--	5	8,959	3.4	306
Sire, 750785; dam, 2049256.	5 dams-------	19	9,117	3.5	317
Herd Owner, Delmar D. Latham & Sons, Legrand.	Difference---	(3-2-3)	-158	-.1	-11
M C FRANCY KING 809583----------	8 daughters--	9	12,030	3.3	395
Born, 9-3-40; proved, 1-27-48;----; N. Y.	8 dams-------	35	11,057	3.3	368
Sire, 756710; dam, 2069584.	Difference---	(6-4-6)	+973	.0	+27
Herd Owner, Arthur Ivett & Son, Forestville.					
MEIERKORD TRIUNE BILLY PAT (TWIN) 803764----------	8 daughters--	13	14,255	3.5	494
Born, 5-22-40; proved, 1-27-48;----; Kans.	6 daughters--	10	14,750	3.4	503
Sire, 600230; dam, 1620570.	6 dams-------	17	13,984	3.6	497
Herd Owner, M. A. Shultz & Son, Pretty Prairie.	Difference---	(4-2-3)	+766	-.2	+ 6
MEISEGEIER FOBES VALE BUTTERCUP 814096----------	7 daughters--	7	11,269	3.5	395
Born, 11-21-40; proved, 1-27-48;----; Wis.	6 daughters--	6	11,397	3.5	396
Sire, 663627; dam, 1647767.	6 dams-------	15	11,052	3.5	385
Herd Owner, Meisegeier & Nelson, Barron.	Difference---	(4-3-4)	+345	.0	+11
MINNEHAHA BURKE PATHFINDER (TWIN) 754297----------	7 daughters--	18	13,310	3.3	446
Born, 1-4-38; proved, 1-13-48; dead; Minn.	7 dams-------	20	13,586	3.5	473
Sire, 422919; dam, 1621655.	Difference---	(3-3-3)	-276	-.2	-27
Used in Minnesota Valley A. B. A.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MONTVIC PATHFINDER FOBES 833680----------	10 daughters-	11	12,688	3.4	426
Born, 11-8-41; proved, 1-19-48;----; Minn.	7 daughters--	8	12,669	3.4	425
Sire, 776307; dam, 1987200.	7 dams-------	8	12,391	3.0	378
Herd Owner, Jalmar Matta, New York Mills.	Difference---	(5-6-5)	+278	+.4	+47
MONTVIC PATHFINDER POSCH 809167----------	7 daughters--	9	12,741	3.8	489
Born, 10-30-40; proved, 1-27-48;----; Mass.	5 daughters--	6	12,881	3.9	499
Sire, 776307; dam, 1892411.	5 dams-------	16	12,876	3.4	442
Herd Owner, C. P. Peck & Sons, Shelburne Falls.	Difference---	(2-5-3)	+ 5	+.5	+57
MONTVIC PATHFINDER PRIZETAKER 833681----------	8 daughters--	8	12,919	3.9	499
Born, 11-15-41; proved, 1-15-48;----; N. Y.	8 dams-------	26	10,894	3.6	387
Sire, 776307; dam, 1945538.	Difference---	(5-6-5)	+2,025	+.3	+112
Herd Owner, Clarence S. Harvey, Cincinnatus.					
MORNSIDE FEMCO ESTEE 834262----------	6 daughters--	10	7,836	3.9	307
Born, 12-2-40; proved, 1-27-48;----; Iowa.	6 dams-------	25	6,055	3.9	236
Sire, 706298; dam, 2046808.	Difference---	(5-3-5)	+1,781	.0	+71
Herd Owner, L. H. Thoreson, Emmetsburg.					
MT PLEASANT KING BESSIE OLLIE 791926----------	7 daughters--	11	9,441	3.4	320
Born, 3-13-39; proved, 1-30-48;----; Iowa.	7 dams-------	16	9,365	3.7	349
Sire, 674118; dam, 1718151.	Difference---	(4-2-4)	+ 76	-.3	-29
Herd Owner, Chester M. Niel, Mount Union.					
NITTANYVALE ALAFTAS PIEBE 783310----------	22 daughters-	34	10,696	3.4	362
Born, 12-30-38; proved, 1-13-48;----; Pa.	21 daughters-	33	10,712	3.4	363
Sire, 614239; dam, 2059825.	21 dams------	88	10,057	3.4	341
Herd Owner, Wernersville State Hospital, Wernersville.	Difference---	(14-14-14)	+655	.0	+22
OAKDALE BESS PLUS VELSTRA 810743----------	8 daughters--	8	13,908	3.6	497
Born, 9-2-40; proved, 1-26-48;----; Iowa.	7 daughters--	7	13,890	3.5	493
Sire, 771203; dam, 1874342.	7 dams-------	17	12,099	3.3	405
Herd Owner, State Juvenile Home, Toledo.	Difference---	(5-6-5)	+1,791	+.2	+88
OLYMPIC BURKE SEGIS 814211----------	9 daughters--	11	14,713	3.2	470
Born, 2-8-39; proved, 1-22-48;----; Wash.	8 daughters--	10	14,536	3.2	464
Sire, 718689; dam, 2021007.	8 dams-------	14	14,287	3.1	443
Herd Owner, Raschke Brothers, Chehalis.	Difference---	(2-5-5)	+249	+.1	+21
OOSTIE PREMIER ADVANCE 786015----------	7 daughters--	8	10,833	3.7	403
Born, 3-10-39; proved, 1-13-48;----; Wis.	7 dams-------	16	8,804	3.3	294
Sire, 725856; dam, 1679055.	Difference---	(5-7-7)	+2,029	+.4	+109
Herd Owner, Mr. & Mrs. T. Fred Baker, Hartford.					
ORMSBY BEETS DIRECT 796468----------	15 daughters-	16	13,257	3.7	492
Born, 1-8-40; proved, 1-30-48;----; Wis.	14 daughters-	15	12,980	3.7	480
Sire, 711712; dam, 1757853.	14 dams------	37	10,485	3.6	380
Herd Owner, Norris Farms School, Muckwanago.	Difference---	(12-12-12)	+2,495	+.1	+100
ORMSBY BESSIE PONTIAC 765209----------	14 daughters-	16	12,919	3.3	421
Born, 3-16-38; proved, 1-12-48; alive ; N. Y.	6 daughters--	8	12,118	3.2	386
Sire, 732187; dam, 1656158.	6 dams-------	8	11,180	3.2	359
Herd Owner, K. A. & R. M. Overton, Adams.	Difference---	(3-4-3)	+938	.0	+27
ORMSBY BURKE FOBES BEETS 839618----------	6 daughters--	8	6,354	3.4	219
Born, 4-5-41; proved, 1-14-48;----; Wis.	6 dams-------	13	8,222	3.3	275
Sire, 763270; dam, 1823885.	Difference---	(1-5-1)	-1,868	+.1	-56
Herd Owner, Arthur Guldhaug, Hollandale.					
ORMSBY DELLA FOBES POLKADOT 697600----------	8 daughters--	8	13,580	3.2	440
Born, 1-5-34; proved, 1-19-48;----; Mich.	7 daughters--	7	13,113	3.2	425
Sire, 608003; dam, 1387247.	7 dams-------	9	13,750	3.3	451
Herd Owner, Gornsey & Wade, Jasper.	Difference---	(3-4-2)	-637	-.1	-26
ORMSBY JEWEL JOHANNA BOY 783905----------	7 daughters--	8	7,488	3.8	281
Born, 10-25-38; proved, 1-13-48;----; Wis.	6 daughters--	7	7,258	3.7	269
Sire, 738815; dam, 1569640.	6 dams-------	16	9,606	3.6	348
Herd Owner, Albert Holsten, Columbus.	Difference---	(0-4-0)	-2,348	+.1	-79
ORMSBY PALMYRA SUPREME 811386----------	5 daughters--	10	10,743	3.4	367
Born, 1-1-40; proved, 1-28-48;----; N. Y.	5 dams-------	16	13,003	3.3	435
Sire, 106260 CHB.; dam, 378742 CHB.	Difference---	(0-5-0)	-2,260	+.1	-68
Herd Owner, A. J. Fallon, Auburn.					
ORMSBY STOWELL LATHROP 789392----------	17 daughters-	42	10,939	3.6	395
Born, 11-18-36; proved, 1-29-48;----; Pa.	10 daughters-	22	11,255	3.6	403
Sire, 703124; dam, 1851740.	10 dams------	25	10,857	3.7	403
Herd Owner, Francis D. Collins, Laceyville.	Difference---	(7-6-6)	+398	-.1	0
OSBORNDALE SIR ABEL INKA MAY 726331----------	7 daughters--	8	8,845	3.5	313
Born, 7-25-35; proved, 1-29-48;----; Va.	7 dams-------	10	11,064	3.4	381
Sire, 521877; dam, 1532263.	Difference---	(2-6-1)	-2,219	+.1	-68
Herd Owner, J. W. Murphy, Herndon.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OSBORNDALE SIR PIETJE INKA MAY 653855----------	20 daughters-	39	8,787	3.4	297
Born, 5-12-31; proved, 1-27-48;----; Vt.	5 daughters--	7	8,911	3.4	302
Sire, 521877; dam, 858276.	5 dams-------	5	8,421	3.4	289
Herd Owner, Vermont State Prison Farm, Windsor.	Difference---	(3-3-3)	+490	.0	+13
O S H MATADOR DUDE 814125----------	7 daughters--	7	13,101	3.4	443
Born, 10-19-40; proved, 1-27-48;----; Kans.	7 dams-------	28	12,487	3.4	427
Sire, 651572; dam, 1484719.	Difference---	(4-3-4)	+614	.0	+16
Herd Owner, Osawatomie State Hospital, Osawatomie.					
OSWEGO RIVER ORMSBY PIEBE FAYNE 841023----------	14 daughters-	15	8,111	3.9	315
Born, 5-13-41; proved, 1-28-48;----; N. Y.	10 daughters-	11	7,933	3.9	307
Sire, 593178; dam, 1528718.	10 dams------	27	10,460	3.6	379
Herd Owner, Asa G. Moulton, Winthrop.	Difference---	(1-7-1)	-2,527	+.3	-72
PANCH O-WAR 734325----------	7 daughters--	9	10,557	3.5	369
Born, 4-5-36; proved, 1-30-48;----; Maine.	5 daughters--	7	9,911	3.6	355
Sire, 687035; dam, 1429189.	5 dams-------	6	8,733	3.6	311
Herd Owner, Cummings Brothers, South Paris.	Difference---	(3-4-3)	+1,178	.0	+44
PAUMEL BESSIE DON 800124----------	8 daughters--	18	9,633	3.7	358
Born, 10-2-39; proved, 1-27-48;----; Iowa.	7 daughters--	15	9,334	3.7	346
Sire, 756917; dam, 1910202.	7 dams-------	33	11,814	3.4	404
Herd Owner, Amos C. Peterson & Son, Ionia.	Difference---	(1-7-2)	-2,480	+.3	-58
PEBBLE BEACH CHIEFTAIN WAYNE 756708 *10----------	16 daughters-	28	11,604	3.9	449
Born, 10-1-37; proved, 1-27-48; dead ; N.Y.	16 dams------	66	12,568	3.6	452
Sire, 695631; dam, 1178919.	Difference---	(5-14-8)	-964	+.3	- 3
Herd Owner, Russell C. Frazee, Fabius.					
PEBBLE BEACH REX 787074 *10----------	15 daughters-	26	12,208	3.8	468
Born, 9-20-39; proved, 1-27-48;----; N. Y.	14 daughters-	25	12,272	3.9	473
Sire, 756708; dam, 1833793.	14 dams------	68	12,097	3.4	409
Herd Owner, Charles F. Briddon, Rock Tavern.	Difference---	(8-13-9)	+175	+.5	+64
POSCH ROBERT BELLE 804057----------	18 daughters-	34	11,857	3.6	422
Born, 9-22-39; proved, 1-26-48;----; N. Y.	16 daughters-	30	11,809	3.6	420
Sire, 756710; dam, 1979817.	16 dams------	45	11,487	3.9	447
Herd Owner, Lincoln Fisher, Ashville.	Difference---	(9-5-3)	+322	-.3	-27
RAWLEIGH ORMSBY POSCH 741587----------	16 daughters-	22	13,044	3.4	450
Born, 5-11-37; proved, 1-29-48;----; Mich.	7 daughters--	9	12,933	3.4	440
Sire, 646021; dam, 1761996.	7 dams-------	19	16,193	3.4	546
Herd Owner, Reisbig & Buth, Coopersville.	Difference---	(1-4-1)	-3,260	.0	-106
RONDOUT NABOB 841905----------	7 daughters--	11	11,595	3.7	432
Born, 5-28-41; proved, 1-22-48; dead ; N. Y.	7 dams-------	29	12,039	3.7	442
Sire, 779415; dam, 1548516.	Difference---	(3-4-4)	-444	.0	-10
Herd Owner, Millard H. Davis, Kerhonkson.					
ROSECHEN ORMSBY SIR HENGERVELD 817777----------	8 daughters--	11	13,495	3.4	465
Born, 8-23-40; proved, 1-13-48;----; Pa.	7 daughters--	9	13,615	3.4	470
Sire, 523804; dam, 1524740.	7 dams-------	35	14,636	3.5	519
Herd Owner, Ellis D. Rearick, Millheim.	Difference---	(2-3-2)	-1,021	-.1	-49
SIR BELLE FOUNDER 756763----------	11 daughters-	15	9,004	3.5	316
Born, 3-28-38; proved, 1-19-48;----; Vt.	8 daughters--	12	8,652	3.5	307
Sire, 723828; dam, 1845182.	8 dams-------	15	7,962	3.5	279
Herd Owner, Middlebury College Farm, Middlebury.	Difference---	(6-4-5)	+690	.0	+28
SIR BESSIE ORMSBY DELLA 809707----------	7 daughters--	8	12,731	3.1	389
Born, 3-4-40; proved, 1-12-48; dead ; Wis.	6 daughters--	7	12,447	3.1	389
Sire, 708264; dam, 1907551.	6 dams-------	11	12,989	3.0	389
Used in Southern Minnesota A. B. A., Minn.	Difference---	(4-4-3)	-542	+.1	0
SIR BESS SKYLARK ORMSBY FOBES 711381 *6----------	31 daughters-	74	12,236	3.7	457
Born, 11-20-34; proved, 1-27-48;----; Iowa.	27 daughters-	64	12,395	3.8	467
Sire, 677647; dam, 1619214.	27 dams------	114	10,443	3.7	386
Herd Owner, Dan & Dean Johnson, Brighton.	Difference---	(20-17-23)	+1,952	+.1	+81
SIR BRUNHILDE ORMSBY SEGIS 735587----------	6 daughters--	11	10,050	3.5	348
Born, 12-14-35; proved, 1-12-48; dead ; Minn.	6 dams-------	19	12,534	3.3	412
Sire, 656929; dam, 1759911.	Difference---	(1-5-1)	-2,484	+.2	-64
Herd Owner, Donald F. Wayne, Ellendale.					
SIR CAPTAIN DESIGN 804800----------	17 daughters-	22	9,256	3.8	356
Born, 5-1-40; proved, 1-12-48;----; N. J.	13 daughters-	18	9,426	3.9	372
Sire, 738106; dam, 1530989.	13 dams------	15	9,724	3.8	367
Herd Owner, Tom C. Sanderson, Glenwood.	Difference---	(6-10-8)	-298	+.1	+ 5
SIR FAYNE TIDY 817343----------	6 daughters--	12	11,064	3.5	391
Born, 12-1-40; proved, 1-13-48;----; Iowa.	6 dams-------	13	8,621	3.7	320
Sire, 766464; dam, 1665386.	Difference---	(5-2-4)	+2,443	-.2	+71
Herd Owner, Paul Tessmer, Fredericksburg.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR INKA MAY BECKY 818777----------	8 daughters--	11	10,121	3.4	340
Born, 10-18-40; proved, 1-13-48; dead ; Minn.	8 dams-------	34	11,177	3.1	350
Sire, 729184; dam, 1888209.	Difference---	(1-8-2)	-1,056	+.3	-10
Herd Owner, Ervin A. Wilker, Owatonna.					
SIR ORMSBY CAREER ALICE 816892----------	10 daughters-	15	12,092	3.6	433
Born, 1-8-40; proved, 1-15-48;----; N. J.	10 dams------	31	11,191	3.4	381
Sire, 654594; dam, 1889110.	Difference---	(8-6-6)	+901	+.2	+52
Herd Owner, Walter Stelle, Trenton.					
SIR PIEBE ORMSBY POSCH PONTIAC 810875----------	14 daughters-	18	9,923	3.6	358
Born, 6-13-40; proved, 1-26-48;----; Pa.	13 daughters-	17	9,740	3.6	349
Sire, 720866; dam, 1507644.	13 dams------	50	9,816	3.6	350
Herd Owner, Emanuel M. Zeigler, Mechanicsburg.	Difference---	(6-7-6)	- 76	.0	- 1
SIR TRITOMIA JOHANNA SKYLARK 793025----------	6 daughters--	11	11,376	3.5	398
Born, 10-11-39; proved, 1-30-48;----; Iowa.	5 daughters--	9	11,008	3.5	382
Sire, 760598; dam, 1979724.	5 dams-------	16	9,564	3.5	336
Herd Owner, Edward Steffens & Sons, West Union.	Difference---	(4-2-4)	+1,444	.0	+46
SIR TRIUNE SEGIS BELLE 817552----------	21 daughters-	34	11,382	3.6	415
Born, 8-27-40; proved, 1-27-48;----; Calif.	20 daughters-	33	11,473	3.6	418
Sire, 698448;; dam, 1814975.	20 dams------	65	12,372	3.6	440
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference---	(7-15-9)	-899	.0	-22
SKYLARK FOBES ADMIRAL ORMSBY 794733----------	8 daughters--	12	11,045	3.7	413
Born, 10-6-39; proved, 1-27-48;----; Wis.	8 dams-------	45	11,869	3.6	423
Sire, 726935; dam, 1716800.	Difference---	(2-5-3)	-824	+.1	-10
Herd Owner, John Kroehler & Albert Kuenzi, Richfield.					
SOWISCOL KING PRIDE FOBES 775392----------	19 daughters-	19	12,501	3.6	447
Born, 1-15-39; proved, 1-13-48;----; Wis.	13 daughters-	13	12,846	3.5	454
Sire, 724675; dam, 1880594.	13 dams------	31	12,242	3.5	435
Herd Owner, Northern Wis. Colony & Training School, Chippewa Falls.	Difference---	(9-7-9)	+604	.0	+19
STRATTON PIEBE SIR RUE 840258----------	7 daughters--	7	14,602	3.6	529
Born, 4-6-41; proved, 1-15-48; dead ; Colo.	6 daughters--	6	14,407	3.6	523
Sire, 788225; dam, 1643451.	6 dams-------	17	11,271	3.6	408
Herd Owner, Colo. School for Deaf & Blind, Colorado Springs.	Difference---	(6-3-6)	+3,136	.0	+115
S T S HAYS DUKE 830473----------	8 daughters--	8	11,607	3.8	438
Born, 4-10-40; proved, 12-31-47;----; Kans.	7 daughters--	7	11,541	3.8	433
Sire, 663053; dam, 1895783.	7 dams-------	26	13,114	3.6	477
Herd Owner, Girls' Industrial School, Beloit.	Difference---	(2-6-3)	-1,573	+.2	-44
SUNNYBANK STYLIST ROYAL 799021----------	9 daughters--	10	10,087	3.7	372
Born, 9-19-39; proved, 1-29-48;----; Iowa.	8 daughters--	9	9,593	3.7	354
Sire, 710813; dam, 1884830.	8 dams-------	31	13,213	3.7	493
Herd Owner, Herman V. Crabtree, Reinbeck.	Difference---	(1-5-1)	-3,620	.0	-139
SUPER SWEET 756760----------	20 daughters-	29	9,732	3.2	309
Born, 11-10-37; proved, 1-12-48;----; N. J.	7 daughters--	12	9,503	3.2	302
Sire, 681672; dam, 1092264.	7 dams-------	25	11,350	3.2	359
Herd Owner, N. J. Reformatory for Boys, Rahway.	Difference---	(1-4-1)	-1,847	.0	-57
THORN HENGERVELD ORMSBY FOBES 809180----------	6 daughters--	9	11,478	3.3	381
Born, 5-19-40; proved, 1-19-48;----; Wis.	6 dams-------	17	11,404	3.3	372
Sire, 746372; dam, 1770842.	Difference---	(2-5-3)	+ 74	0	+ 9
Herd Owner, Hilgendorf & Appenfeldt, Juneau.					
U NEB CELMAN KING PAUL 802900----------	7 daughters--	8	15,091	3.3	496
Born, 3-23-40; proved, 1-21-48; alive ; Nebr.	6 daughters--	6	15,262	3.3	508
Sire, 657286; dam, 1315681.	6 dams-------	15	13,171	3.5	464
Used in Lancaster Non-Stock Co-op. Dairy A. B. A.	Difference---	(4-1-3)	+2,091	-.2	+44
UTTER LAMOKA STAR JIMMY 840141----------	9 daughters--	16	7,982	3.7	297
Born, 1-28-41; proved, 1-13-48;----; N. Y.	7 daughters--	14	7,775	3.6	283
Sire, 758807; dam, 2120605.	7 dams-------	15	9,285	3.5	327
Herd Owner, Ray Manning & Son, Dundee.	Difference---	(1-4-2)	-1,510	+.1	-44
VERNWAY HEILO DICTATOR 795087----------	9 daughters--	13	12,073	3.8	458
Born, 4-7-40; proved, 1-26-48;----; Wash.	7 daughters--	11	12,030	3.8	454
Sire, 741071; dam, 1897066.	7 dams-------	23	13,075	3.7	484
Herd Owner, Andy A. Seifert, Oakville.	Difference---	(1-5-1)	-1,045	+.1	-30
VERNWAY INKA SIR PEARL 795078----------	6 daughters--	8	14,868	3.4	510
Born, 3-4-36; proved, 1-15-48;----; Wash.	5 daughters--	7	14,775	3.6	525
Sire, 671579; dam, 1866787.	5 dams-------	23	13,575	3.7	501
Herd Owner, Donald A. Youngquist, Mount Vernon.	Difference---	(3-1-3)	+1,200	-.1	+24
VICKERY GERBEN KING 801590----------	8 daughters--	12	13,044	3.6	472
Born, 4-19-40; proved, 1-27-48;----; Wis.	8 dams-------	29	13,693	3.8	517
Sire, 768821; dam, 1832521.	Difference---	(3-1-3)	-649	-.2	-45
Herd Owner, Glover Farms, Fort Atkinson.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WALBUR LUCKY ORMSBY 817583----------	6 daughters--	11	11,462	3.5	397
Born, 3-19-40; proved, 1-13-48;----; Pa.	6 dams-------	25	10,990	3.6	391
Sire, 744479; dam, 1936051.	Difference---	(3-2-3)	+472	-.1	+ 6
Herd Owner, Helen Burgess, Mehoopany.					
WEE WONDER LASS PIETERTJE 817234----------	7 daughters--	8	11,081	3.5	389
Born, 10-4-40; proved, 1-12-48;----; Wis.	7 dams-------	38	11,874	3.5	421
Sire, 737653; dam, 1629163.	Difference---	(1-3-2)	-793	.0	-32
Herd Owner, Otto Kohlwey, Grafton.					
WILONA FRILLY ORMSBY RELIANCE 812673----------	10 daughters-	11	10,014	3.5	353
Born, 11-14-40; proved, 1-26-48;----; Pa.	9 daughters--	10	10,487	3.5	368
Sire, 736077; dam, 1878133.	9 dams-------	36	10,353	3.5	365
Herd Owner, C. T. Donthitt, Darlington.	Difference---	(5-5-6)	+129	.0	+ 3
WINFARM BABETTE LAD 791231 *11----------	20 daughters-	35	11,027	3.8	420
Born, 12-20-38; proved, 1-15-48; alive ; N. J.	18 daughters-	30	10,885	3.8	415
Sire, 689660; dam, 1850569.	18 dams------	67	10,469	3.6	381
Herd Owner, Stanley B. Roberts, Port Jervis, N. Y.	Difference---	(9-13-11)	+416	+.2	+34
WINTERTHUR FOBES KING WINDSOR 835914----------	6 daughters--	6	9,295	3.5	3[illegible]
Born, 8-9-41; proved, 1-27-48;----; Pa.	6 dams-------	30	10,872	3.7	397
Sire, 729449; dam, 1757804.	Difference---	(2-2-0)	-1,577	-.2	-75
Used in New Castle Co-op. A. B. A., Del.					
WINTERTHUR GREAT DUOBESS LARA 638048 *5----------	32 daughters-	103	12,268	3.5	434
Born, 8-24-30; proved, 1-26-48; dead ; N. Y.	31 daughters-	102	12,306	3.5	436
Sire, 500000; dam, 1152553.	31 dams------	119	12,668	3.4	432
Herd Owner, Eugene Ham Estate, Verbank.	Difference---	(15-23-17)	-362	+.1	+ 4
WINTERTHUR STAR GREAT TEKAT 782441----------	29 daughters-	49	10,726	3.6	387
Born, 11-26-38; proved, 1-26-48;----; Va.	20 daughters-	34	10,469	3.6	378
Sire, 742081; dam, 1870748.	20 dams------	55	10,139	3.6	362
Herd Owner, Greendale Farm, Roanoke.	Difference---	(14-14-14)	+330	.0	+16
W I S GENERAL KELLY 812209----------	6 daughters--	7	10,934	3.3	366
Born, 10-28-40; proved, 1-29-48;----; Wis.	6 dams-------	21	10,931	3.5	383
Sire, 752762; dam, 1844972.	Difference---	(4-1-3)	+ 3	-.2	-17
Herd Owner, J. F. Kline & Son, Browntown.					
WORTH WHILE IMPERIAL TRIUNE 688615----------	18 daughters-	38	10,613	3.4	363
Born, 9-22-33; proved, 1-12-48;----; Kans.	6 daughters--	15	10,252	3.4	353
Sire, 612481; dam, 1366035.	6 dams-------	16	8,818	3.5	308
Herd Owner, Wilson Brothers, Lincoln.	Difference---	(5-4-5)	+1,434	-.1	+45
9865----------	10 daughters-	38	11,501	3.4	386
Born, ----; proved, 1-26-48;----; Pa.	6 daughters--	27	11,248	3.3	368
Sire, ----; dam, ----.	6 dams-------	18	11,117	3.3	370
Herd Owner, Musser & Stuck, Oakland Mills.	Difference---	(4-2-4)	+131	.0	- 2
12345----------	6 daughters--	15	11,627	3.5	404
Born, ----; proved, 1-27-48;----; Pa.	5 daughters--	13	11,465	3.5	399
Sire, ----; dam, ----.	5 dams-------	10	11,271	3.4	383
Herd Owner, R. W. Bashore & Son, Thompsontown.	Difference---	(3-3-3)	+194	+.1	+16
13757----------	19 daughters-	55	9,999	3.5	354
Born, ----; proved, 1-27-48;----; Pa.	5 daughters--	18	9,314	3.7	343
Sire, ----; dam, ----.	5 dams-------	20	9,936	3.5	348
Herd Owner, Diller I. Lehman, Carlisle.	Difference---	(2-4-2)	-622	+.2	- 5
14040----------	8 daughters--	16	7,490	3.6	268
Born, ----; proved, 1-26-48;----; Pa.	6 daughters--	11	7,602	3.6	273
Sire, ----; dam, ----.	6 dams-------	11	8,462	3.5	300
Herd Owner, Clarks Summit State Hospital, Clarks Summit.	Difference---	(2-5-3)	-860	+.1	-27
11-A0060 (DHIA EARTAG)----------	8 daughters--	11	8,714	3.7	321
Born, ----; proved, 1-23-48;----; Maine.	5 daughters--	8	9,206	3.5	326
Sire, ----; dam, ----.	5 dams-------	8	7,305	3.6	265
Herd Owner, W. Henry Allen, Hebron.	Difference---	(5-2-5)	+1,901	-.1	+61
13*290098 (BANGS OR TB EARTAG)----------	5 daughters--	5	7,813	3.4	266
Born, ----; proved, 1-23-48;----; Vt.	5 dams-------	19	11,382	3.3	379
Sire, ----; dam, ----.	Difference---	(0-3-0)	-3,569	+.1	-113
Herd Owner, Hosanna Montcalm, Milton.					
21*14103 (BANGS OR TB EARTAG)----------	6 daughters--	9	9,069	3.8	340
Born, ----; proved, 1-26-48;----; N. Y.	5 daughters--	8	9,396	3.6	343
Sire, ----; dam, ----.	5 dams-------	13	9,280	3.5	329
Herd Owner, Ralph S. Oliver & Sons, Delhi.	Difference---	(2-3-4)	+116	+.1	+14
23*AW92771 (BANGS OR TB EARTAG)----------	5 daughters--	5	8,068	3.5	284
Born, ----; proved, 1-28-48;----; Pa.	5 dams-------	13	9,105	3.2	292
Sire, ----; dam, ----.	Difference---	(0-5-1)	-1,037	+.3	- 8
Herd Owner, V. Ross Nicodemus, Martinsburg.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
35*EC34203 (BANGS OR TB EARTAG)----------	12 daughters-	20	8,352	3.6	297
Born, ----; proved, 1-13-48;----; Wis.	11 daughters-	19	8,444	3.6	300
Sire, ----; dam, ----.	11 dams------	47	9,152	3.6	329
Herd Owner, Chester Hofberger, Fremont.	Difference---	(2-6-3)	-708	.0	-29
35*HM93270 (BANGS OR TB EARTAG)----------	6 daughters--	7	12,407	3.6	446
Born, ----; proved, 1-23-48;----; Wis.	6 dams-------	9	9,653	3.9	379
Sire, ----; dam, ----.	Difference---	(6-1-4)	+2,754	-.3	+67
Herd Owner, Eugene Rensere, Kewaskum.					
JERSEY SIRES					
ACTOR LEON 383875----------	9 daughters--	12	8,005	5.3	424
Born, 12-31-36; proved, 1-30-48;----; Mich.	7 daughters--	9	8,581	5.3	458
Sire, 351080; dam, 967005.	7 dams-------	16	8,424	5.3	450
Herd Owner, Kenneth C. Bibbens, Mason.	Difference---	(5-4-4)	+157	.0	+ 8
ADVANCER'S WHIRLAWAY 430288----------	9 daughters--	9	6,979	5.4	379
Born, 10-28-41; proved, 1-2-48;----; Iowa.	6 daughters--	6	7,564	5.4	407
Sire, 367164; dam, 1117646.	6 dams-------	17	5,969	4.7	283
Herd Owner, Arly J. Braden, Winthrop.	Difference---	(6-6-6)	+1,595	+.7	+124
AYRLAWN COMMANDER 401775----------	13 daughters-	18	6,200	5.1	317
Born, 9-7-38; proved, 1-30-48;----; Md.	12 daughters-	17	6,054	5.2	312
Sire, 383961; dam, 941014.	12 dams------	30	6,893	4.9	337
Herd Owner, R. G. Harper Carroll, Ellicott City.	Difference---	(5-10-5)	-839	+.3	-25
BLACK BOY ETHEL ENOCH 419933----------	11 daughters-	15	5,866	5.5	324
Born, 1-3-38; proved, 1-29-48;----; Mich.	11 dams------	52	7,816	5.2	404
Sire, 369531; dam, 970169.	Difference---	(1-9-2)	-1,950	+.3	-80
Herd Owner, Fred S. Dunks, Union City.					
BLONDE LAD GAY BOY 381286----------	9 daughters--	10	7,914	5.5	436
Born, 5-1-36; proved, 1-16-48;----; Mich.	6 daughters--	7	8,564	5.5	470
Sire, 309642; dam, 1031241.	6 dams-------	11	8,015	5.4	435
Herd Owner, G. Wrigglesworth & F. Gilna, Corunna.	Difference---	(4-3-4)	+549	+.1	+35
CHIEF FAIRY ROYAL 412832----------	10 daughters-	15	7,530	4.8	364
Born, 3-22-40; proved, 1-19-48; dead ; Ky.	9 daughters--	14	7,400	4.9	364
Sire, 285396; dam, 1044586.	9 dams-------	32	7,395	5.4	401
Herd Owner, Murray State Teachers College, Murray.	Difference---	(5-0-3)	+ 5	-.5	-37
CROCUS SYBIL WARRIOR 379527----------	6 daughters--	11	7,844	5.4	421
Born, 9-14-36; proved, 1-15-48;----; Conn.	5 daughters--	10	7,891	5.4	426
Sire, 233031; dam, 1019361.	5 dams-------	6	9,315	5.2	481
Herd Owner, J. A. MacVarish, Ellington.	Difference---	(2-4-2)	-1,424	+.2	-55
DERBYSHIRE DREAMING DESIGN 380214----------	12 daughters-	23	6,147	5.0	306
Born, 8-16-36; proved, 1-19-48;----; W. Va.	9 daughters--	19	6,717	5.0	333
Sire, 316172; dam, 1076769.	9 dams-------	18	5,720	5.1	290
Herd Owner, Brannon Hicks, Buckhannon.	Difference---	(7-4-7)	+997	-.1	+43
DESIGN TULIP PRINCE 394823----------	7 daughters--	7	7,286	5.4	391
Born, 7-5-38; proved, 1-22-48;----; Mo.	6 daughters--	6	7,281	5.4	394
Sire, 372837; dam, 1071209.	6 dams-------	10	7,068	5.1	359
Herd Owner, Frank Potter, Carthage.	Difference---	(3-4-4)	+213	+.3	+35
DREAMING MOOR SWEET AIM 422886----------	15 daughters-	21	8,957	5.4	487
Born, 3-17-41; proved, 1-28-48; alive ; Kans.	12 daughters-	16	9,202	5.4	499
Sire, 400134; dam, 1073983.	12 dams------	42	8,593	5.1	440
Herd Owner, Isern & Knop, Ellinwood.	Difference---	(8-11-9)	+609	+.3	+59
DREAMING PIONEER OF M. B. 364657----------	16 daughters-	52	6,220	4.8	300
Born, 3-25-34; proved, 1-16-48;----; Pa.	11 daughters-	31	5,967	4.9	294
Sire, 337129; dam, 613433.	11 dams------	33	5,761	4.9	285
Herd Owner, Charles W. Shrum, Jeannette.	Difference---	(7-5-7)	+206	.0	+ 9
ELMWOOD FRANZ NICK 414953----------	11 daughters-	14	9,364	4.9	463
Born, 1-18-40; proved, 1-29-48;----; Calif.	9 daughters--	11	9,555	4.9	470
Sire, 383345; dam, 1220586.	9 dams-------	33	8,599	4.6	397
Herd Owner, Al Bevis, Patterson.	Difference---	(6-6-6)	+956	+.3	+73
FAUVIC KING SYBIL STAR 426267----------	6 daughters--	8	8,464	5.0	425
Born, 10-9-39; proved, 1-19-48;----; Conn.	6 dams-------	20	7,533	4.8	362
Sire, 326137; dam, 1021530.	Difference---	(5-4-5)	+931	+.2	+63
Herd Owner, J. E. Kingsbury, Coventry.					
FRANCHISE WONDERFUL SYMBOL 404932----------	16 daughters-	19	5,510	5.1	280
Born, 6-15-39; proved, 1-19-48;----; Maine.	10 daughters-	11	5,368	5.1	274
Sire, 399955; dam, 1216401.	10 dams------	15	7,367	5.2	386
Herd Owner, C. E. & A. J. Luce, Farmington.	Difference---	(2-5-1)	-1,999	-.1	-112

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GIANT DICTATOR 417046----------	5 daughters--	12	7,631	5.5	420
Born, 8-22-39; proved, 1-19-48;----; Mich.	5 dams-------	13	7,376	5.6	412
Sire, 338021; dam, 1097579.	Difference---	(3-2-2)	+255	-.1	+ 8
Herd Owner, Ben W. Calkins & Sons, Morrice.					
GOLD COLONEL RALEIGH 391125----------	12 daughters-	22	6,801	5.0	342
Born, 8-5-37; proved, 1-29-48;----; Ky.	8 daughters--	11	6,335	5.0	314
Sire, 370553; dam, 1065416.	8 dams-------	33	6,560	5.5	358
Herd Owner, Cletus Whitlow & Sons, Mayfield.	Difference---	(3-0-2)	-225	-.5	-44
GOLDEN FAUVIC DESIGN 389977----------	21 daughters-	51	7,527	5.3	397
Born, 10-9-37; proved, 1-19-48;----; Ariz.	21 dams------	95	8,081	4.8	387
Sire, 343001; dam, 806794.	Difference---	(8-19-12)	-554	+.5	+10
Herd Owner, D. W. Hulet, Chandler.					
GOLDEN ROYALIST WONDER 403365----------	7 daughters--	11	8,932	4.8	433
Born, 10-24-38; proved, 1-30-48;----; Ohio.	7 dams-------	16	8,578	5.0	433
Sire, 382831; dam, 1039524.	Difference---	(4-2-2)	+354	-.2	0
Herd Owner, Walter L. Ellis & Son, Waynesville.					
INO BLONDE SULTAN 409659----------	12 daughters-	13	7,202	5.2	377
Born, 11-11-38; proved, 1-23-48;----; Minn.	7 daughters--	8	7,089	5.2	372
Sire, 344233; dam, 1117740.	7 dams-------	14	6,733	5.1	342
Herd Owner, Ira Benham, Park Rapids.	Difference---	(5-4-6)	+356	+.1	+30
JOYCE'S NOBLE POET 379361----------	5 daughters--	6	6,877	5.6	385
Born, 8-12-36; proved, 1-15-48; dead ; Idaho.	5 dams-------	15	7,288	5.7	413
Sire, 350345; dam, 1029703.	Difference---	(2-4-1)	-411	-.1	-28
Herd Owner, B. E. Wood, Eagle.					
JUNE VOLUNTEER BUDDY 384221----------	13 daughters-	18	9,210	5.4	494
Born, 4-2-37; proved, 1-28-48;----; Wash.	6 daughters--	11	10,294	5.2	539
Sire, 365924; dam, 959891.	6 dams-------	19	9,569	5.2	497
Herd Owner, H. O. Ozment, Skamokawa.	Difference---	(4-4-3)	+725	.0	+42
LEDA'S TRINITY OF HILLCREST 378069----------	10 daughters-	18	8,957	5.0	445
Born, 10-15-36; proved, 1-30-48;----; Conn.	8 daughters--	11	8,729	5.1	443
Sire, 361318; dam, 991783.	8 dams-------	19	9,375	4.9	457
Herd Owner, W. C. & N. H. Tucker, West Cheshire.	Difference---	(3-6-3)	-646	+.2	-14
LES NIEMES DESIGN 400853----------	17 daughters-	23	7,264	5.0	360
Born, 10-27-38; proved, 1-28-48;----; Idaho.	6 daughters--	9	7,423	4.7	347
Sire, 372837; dam, 1071207.	6 dams-------	11	7,966	5.2	411
Herd Owner, O. B. Hollingsworth, Emmett.	Difference---	(2-1-0)	-543	-.5	-64
MILL RUN SHIRLEY SMILAX 413929----------	6 daughters--	12	5,440	5.6	305
Born, 6-4-40; proved, 1-30-48;----; Pa.	5 daughters--	10	5,600	5.6	313
Sire, 413928; dam, 1085875.	5 dams-------	17	7,940	5.0	395
Herd Owner, J. R. Allio, Newmansville.	Difference---	(0-3-1)	-2,340	+.6	-82
NOBLE EVERGREE KING 406977----------	15 daughters-	24	6,744	5.4	363
Born, 5-12-39; proved, 1-16-48;----; Pa.	12 daughters-	19	6,790	5.4	370
Sire, 384868; dam, 1003490.	12 dams------	49	6,870	5.4	368
Herd Owner, Guy M. & Ferman L. Mohney, Marchand.	Differenc ---	(5-7-4)	- 80	.0	+ 2
OXFORDOSA VALIANT STANDARD 404760----------	7 daughters--	10	6,341	5.6	353
Born, 4-18-39; proved, 1-16-48;----; Mich.	6 daughters--	8	6,384	5.5	353
Sire, 383105; dam, 1067194.	6 dams-------	12	7,651	5.2	398
Herd Owner, Bernard Hice, Charlotte.	Difference---	(2-5-2)	-1,267	+.3	-45
PHILIDORA FLASHY DESIGN 424900----------	5 daughters--	6	8,189	5.4	443
Born, 1-4-41; proved, 1-28-48;----; Md.	5 dams-------	19	8,231	4.8	392
Sire, 396250; dam, 1308212.	Difference---	(3-5-4)	- 42	+.6	+51
Herd Owner, Charles E. Shaw, Fairplay.					
POMPEY'S SYBIL CARRY ON 384989----------	30 daughters-	60	6,916	4.9	336
Born, 12-4-36; proved, 1-28-48;----; N. Y.	28 daughters-	56	6,928	4.9	339
Sire, 326135; dam, 1019377.	28 dams------	83	6,319	5.3	332
Herd Owner, George H. Beach, Chatham.	Difference---	(17-7-14)	+609	-.4	+ 7
PRIDE DESIGN FOXY EMBLEM 407836----------	5 daughters--	7	4,624	5.9	272
Born, 12-1-38; proved, 1-19-48;----; Ohio.	5 dams-------	15	7,325	5.4	397
Sire, 310968; dam, 992414.	Difference---	(0-4-0)	-2,701	+.5	-125
Herd Owner, Icy & May Nuding, Mendon.					
ROSEBUD'S ST. MAWES POGIS 405500----------	10 daughters-	12	5,715	4.9	280
Born, 2-19-39; proved, 1-23-48;----; Kans.	8 daughters--	10	5,803	5.0	288
Sire, 354441; dam, 1201149.	8 dams-------	20	5,203	5.2	270
Herd Owner, Le Roy Larson, Waterville.	Difference---	(5-4-5)	+600	-.2	+18
ROYAL DANDY DESIGN 386946----------	8 daughters--	9	6,680	5.0	334
Born, 1-4-37; proved, 1-30-48;----; Pa.	7 daughters--	8	6,613	4.9	327
Sire, 358205; dam, 924190.	7 dams-------	23	7,090	5.1	360
Herd Owner, Pennsylvania State College, State College.	Difference---	(1-3-1)	-477	-.2	-33

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROYALIST ASHLEY NOBLE 395956----------	20 daughters-	24	7,875	5.3	414
Born, 3-2-38; proved, 1-22-48;----; Mo.	13 daughters-	16	7,938	5.3	422
Sire, 358525; dam, 995766.	13 dams------	25	7,856	5.5	435
Herd Owner, W. N. Burney, Aurora.	Difference---	(8-4-5)	+ 82	-.2	-13
SILVER GIRL'S SYBIL OXFORD 407215----------	7 daughters--	15	6,431	5.1	328
Born, 8-4-38; proved, 1-30-48;----; Mo.	7 dams-------	28	6,023	5.9	354
Sire, 258956; dam, 1041735.	Difference---	(4-1-4)	+408	-.8	-26
Herd Owner, Elmer E. Ihrig, Hannibal.					
SOPHIA-TID OF EIGHT TRIBES 411119----------	21 daughters-	33	8,433	5.4	452
Born, 6-25-39; proved, 1-23-48; dead ; Va.	20 daughters-	31	8,415	5.4	451
Sire, 309969; dam, 1063522.	20 dams------	56	8,820	5.2	459
Used in Vermont Co-op. A. B. A., Inc., Vt.	Difference---	(9-13-10)	-405	+.2	- 8
SOPHIE NANETTE'S POGIS 392364----------	7 daughters--	17	7,722	5.3	412
Born, 3-14-38; proved, 1-30-48;----; N. Y.	7 dams-------	14	8,930	5.4	484
Sire, 356781; dam, 881511.	Difference---	(2-4-2)	-1,208	-.1	-72
Herd Owner, Clarence E. Eldridge, Pine Plains.					
STANDARD OXFORD LORD 394556----------	9 daughters--	14	6,147	5.4	334
Born, 2-12-37; proved, 1-28-48;----; Iowa.	5 daughters--	9	6,616	5.4	354
Sire, 344674; dam, 1006443.	5 dams-------	14	6,646	5.0	329
Herd Owner, Edgar McDonough, West Union.	Difference---	(2-4-2)	- 30	+.4	+25
SYBIL NOBLE OXFORD MAJESTY 393626----------	6 daughters--	9	8,215	5.0	410
Born, 6-11-38; proved, 1-19-48;----; Pa.	6 dams-------	30	8,053	5.0	406
Sire, 363147; dam, 1123167.	Difference---	(4-4-4)	+162	.0	+ 4
Herd Owner, Howard C. Wollaston & Sons, Toughkenamon.					
THE KID OF OHIO'S NED 382997----------	8 daughters--	17	5,950	5.3	313
Born, 3-9-37; proved, 1-30-48;----; Mich.	6 daughters--	13	5,653	5.3	302
Sire, 198586; dam, 1038419.	6 dams-------	19	8,583	5.0	432
Herd Owner, Mrs. Lillian Krause & Son, Washington.	Difference---	(0-5-0)	-2,930	+.3	-130
TIDDLEDYWINK KING OF M. L. F. 411101----------	7 daughters--	13	5,847	5.1	297
Born, 11-20-38; proved, 1-29-48;----; Ohio.	7 dams-------	19	6,882	5.1	354
Sire, 380814; dam, 1165040.	Difference---	(1-6-1)	-1,035	.0	-57
Herd Owner, Mrs. W. H. Creswell & Son, Mount Gilead.					
TIDDLEDYWINK SULTAN M. L. F. 380814----------	8 daughters--	12	5,797	5.4	310
Born, 9-5-35; proved, 1-30-48;----; Ohio.	8 dams-------	11	5,915	5.3	315
Sire, 363476; dam, 918484.	Difference---	(3-5-4)	-118	+.1	- 5
Herd Owner, Newell Davids, Prospect.					
TORMENTOR FORWARD 401647----------	7 daughters--	8	6,390	4.9	313
Born, 2-16-39; proved, 1-14-48;----; Mich.	6 daughters--	7	6,359	4.9	309
Sire, 383440; dam, 1115431.	6 dams-------	21	8,302	4.5	375
Herd Owner, William Backman, Ironwood.	Difference---	(1-5-2)	-1,943	+.4	-66
UPWEY VICTOR COLONEL 390382----------	14 daughters-	17	6,684	5.3	354
Born, 9-22-37; proved, 1-30-48;----; Conn.	9 daughters--	10	6,794	5.4	364
Sire, 335248; dam, 1013488.	9 dams-------	18	5,936	5.0	295
Herd Owner, Floyd A. Laird, East Canaan.	Difference---	(6-7-6)	+858	+.4	+69
VALIANT STANDARD BLONDE 417911----------	12 daughters-	19	8,676	5.4	472
Born, 2-29-40; proved, 1-23-48;----; Mich.	11 daughters-	17	8,454	5.5	468
Sire, 383105; dam, 1018804.	11 dams------	18	6,198	5.3	330
Herd Owner, Dr. Cyril Spike, Owosso.	Difference---	(9-9-9)	+2,256	+.2	+138
VALIANT STANDARD OBSERVER 395330 *(June 1947)----------	15 daughters-	17	6,058	4.8	289
Born, 11-16-37; proved, 1-28-48; dead ; Vt.	13 daughters-	15	6,146	4.8	293
Sire, 393139; dam, 1195408.	13 dams------	32	7,800	4.7	366
Herd Owner, Patterson & Holden, Brookfield.	Difference---	(3-9-3)	-1,654	+.1	-73
VALIANT STRAIGHT VOLUNTEER 379885----------	8 daughters--	9	7,683	4.9	373
Born, 9-13-36; proved, 1-28-48;----; Mo.	5 daughters--	5	7,660	4.8	368
Sire, 353528; dam, 894665.	5 dams-------	6	7,235	5.0	362
Herd Owner, C. E. Letsinger, Mansfield.	Difference---	(2-2-2)	+425	-.2	+ 6
VICTORY GOLDEN BARON JAP 415889----------	6 daughters--	6	5,674	5.4	305
Born, 5-16-40; proved, 1-28-48;----; Ohio.	6 dams-------	13	6,975	5.3	368
Sire, 372064; dam, 860975.	Difference---	(2-4-3)	-1,301	+.1	-63
Herd Owner, W. J. Robison & Son, Thompson.					
VOLUNTEER EDNA OBSERVER 404075----------	9 daughters--	12	6,699	5.9	394
Born, 5-18-39; proved, 1-15-48;----; Ill.	8 daughters--	10	6,801	5.9	399
Sire, 378561; dam, 974731.	8 dams-------	13	8,029	5.5	443
Herd Owner, Leo M. Dial, Altamont.	Difference---	(3-4-3)	-1,228	+.4	-44
WONDERFUL MOOR SULTAN 405148----------	14 daughters-	20	7,376	5.1	377
Born, 7-15-39; proved, 1-19-48;----; Maine.	11 daughters-	15	7,072	5.2	366
Sire, 393089; dam, 1013786.	11 dams------	29	7,993	5.2	418
Used in Central Maine A. B. A.	Difference---	(2-5-2)	-921	.0	-52

JERSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
WONDERFUL ROSARIAN 416782----------	9 daughters--	12	6,195	5.1	318
Born, 7-5-40; proved, 1-29-48;----; Pa.	8 daughters--	10	6,262	5.1	318
Sire, 385829; dam, 1010662.	8 dams-------	32	6,278	5.6	352
Herd Owner, G. C. Saufley, Hummelstown.	Difference---	(2-0-2)	- 16	-.5	-34
23*AG18654 (BANGS OR TB EARTAG)----------	6 daughters--	10	7,326	4.5	330
Born, ----; proved, 1-23-48;----; Pa.	6 dams-------	17	7,687	4.2	321
Sire, ----; dam, ----.	Difference---	(3-5-3)	-361	+.3	+ 9
Herd Owner, Donald Michelitsch, Port Allegany.					

SHORTHORN SIRES

INGLESIDE ROYAL JUNIPER 2031000----------	6 daughters--	7	7,602	3.7	281
Born, 11-8-40; proved, 1-22-48;----; Mich.	5 daughters--	5	7,488	3.7	274
Sire, 1760176; dam, 1751433.	5 dams-------	11	7,621	3.4	258
Herd Owner, H. E. Powell & Son, Ionia.	Difference---	(3-4-4)	-133	+.3	+16
LULA'S CLAY KING 1787711----------	14 daughters-	27	8,644	3.8	333
Born, 3-16-34; proved, 1-14-48; dead ; Mo.	7 daughters--	11	9,449	3.8	358
Sire, 1558706; dam, 1283252.	7 dams-------	12	7,278	3.7	269
Herd Owner, Orval T. Williams, Wellington.	Difference---	(5-5-5)	+2,171	+.1	+89

AMERICAN DAIRY CATTLE CLUB SIRES

CORIUM SLOGAN'S NIPPER 196
(This sire is also a registered Guernsey "Corium Slogan's Nipper 205677." Proved Sire data included in Guernsey listing.)

GENODALE INKA ROYAL 604
(This sire is also a registered Holstein "Genodale Inka Royal 836498." Proved Sire data included in Holstein listing.)

GODFREYS MARTO ORMSBY FORUM 116
(This sire is also a registered Holstein "Godfreys Marto Ormsby Forum 750584." Proved Sire data included in Holstein listing.)

PEBBLE BEACH REX 251
(This sire is also a registered Holstein "Pebble Beach Rex 787074." Proved Sire data included in Holstein listing.)

U NEB CELMAN KING PAUL 235
(This sire is also a registered Holstein "U Neb Celman King Paul 802900." Proved Sire data included in Holstein listing.)

WINTERTHUR FOBES KING WINDSOR 460
(This sire is also a registered Holstein "Winterthur Fobes King Windsor 835914." Proved Sire data included in Holstein listing.)

WINTERTHUR GREAT DUOBESS LARA 164
(This sire is also a registered Holstein "Winterthur Great Duobess Lara 638048." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS IMPROVE THE BULLS

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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 24, No. 3

March 1948

ARTIFICIAL BREEDING ASSOCIATIONS AND COOPERATIVE BULL ASSOCIATIONS IN THE UNITED STATES, ACTIVE JANUARY 1, 1948

(as reported by State Extension Dairymen)

On January 1, 1948, there were 224,493 herds, consisting of 1,743,327 cows, enrolled in artificial-breeding associations. Compared with January 1, 1947, this is an increase of 83,922, or 59.7 percent, in number of herds and 618,287, or 55 percent, in number of cows.

Wisconsin again leads the States in number of cows enrolled in artificial-breeding associations, with 332,861 cows enrolled. States with 25,000 or more cows enrolled in artificial-breeding associations are as follows:

Wisconsin	332,861	Illinois	66,000
New York	193,200	Missouri	58,302
Pennsylvania	151,513	Indiana	48,870
Minnesota	120,210	Nebraska	42,700
Ohio	115,449	New Jersey	30,710
Iowa	108,279	Oklahoma	27,639
Michigan	90,421	Maine	26,995

The number of bull associations operating January 1, 1948, was 99, with an enrollment of 14,006 cows. On January 1, 1947, there were 140 associations with an enrollment of 23,519 cows.

On the following pages are data showing the status of artificial-breeding associations, bull associations, and bull studs for the various States.

DAIRY BULL ASSOCIATIONS ACTIVE JANUARY 1, 1948

tate	Number of associations	Number of herds	Number of bulls	Number and breed of bulls used 1/							Number of cows in all associations		
				A	J	G	H	BS	RD	SH	Registered	Other	Total
daho--	2	76	5	-	-	-	5	-	-	-	182	310	492
ll----	22	104	99	-	18	31	39	11	-	-	2/ 820	2/ 597	1,985
owa---	1	6	6	-	-	6	-	-	-	-	41	63	104
ich---	7	93	50	-	-	9	9	-	32	-	2/ 265	2/1,345	1,845
o-----	3	38	14	-	8	6	-	-	-	-	35	418	453
ebr---	1	10	3	-	-	-	3	-	-	-	39	91	130
.J----	1	5	6	-	-	-	6	-	-	-	75	56	131
.Y----	21	77	88	4	20	15	49	-	-	-	1,742	1,035	2,777
a-----	18	94	73	-	-	14	51	8	-	-	2,456	710	3,166
tah---	3	199	10	-	7	-	3	-	-	-	65	595	660
a-----	4	27	21	-	-	8	13	-	-	-	287	338	625
ash---	1	10	8	-	3	3	2	-	-	-	40	160	200
is----	15	57	59	-	11	31	17	-	-	-	680	758	1,438
Total-	99	796	442	4	67	123	197	19	32	-	2/ 6,727	2/6,476	14,006

ULL STUDS:

daho--	14	3,784	3/88	1	7	33	40	-	-	6	2/ 292	2/5,294	14,288

./ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; RD-Red Danish; SH-Shorthorn. 2/ Report incomplete. 3/ Breed of one sire not reported.

GROWTH OF ABA WORK IN UNITED STATES (1939 to 1948, inclusive)

ear	Assoc-iations	Enrollment: Herds	Enrollment: Cows	Cows Bred	Bulls	Bulls Proved		Production level of daughters of proved sires		Cows enrolled per bull
	Number	Number	Number	Number	Number	No.	Percent		Number	Number
.939	6	646	7,539	--	33	--	--		--	228
1940	27	2,971	33,977	--	138	--	--		--	246
.941	37	5,997	70,751	--	237	--	--		--	299
1942	73	12,118	112,788	--	412	--	--		--	274
1943	99	23,448	182,524	--	574	135	23.1		419	318
1944	95	28,627	218,070	--	657	129	19.6		421	332
1945	195	43,998	360,732	--	729	147	20.2		428	495
1946	336	73,293	579,477	537,376	900	209	23.2		428	644
1947	608	140,571	1,125,040	1,184,168	1,453	335	23.1		430	774
1948	963	224,493	1,743,327	--	1,745	--	--		--	999

NUMBER OF ARTIFICIAL-BREEDING ASSOCIATIONS (UNITS) BY STATES
(1939 to 1948, inclusive)

State	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
N. J--------	3	5	4	5	6	6	6	6	8	9
N. Y--------	1	4	5	22	27	33	37	53	63	65
Ohio--------	1	1	1	4	4	4	36	47	55	76
Mo----------	1	1	1	1	1	0	4	4	67	72
Ariz--------	----	1	0	0	0	0	0	1	1	1
Conn--------	---	3	3	5	5	4	4	5	6	7
Ill---------	---	2	2	2	4	3	4	5	20	70
Maine-------	---	1	2	2	2	2	6	12	18	21
Mass--------	---	1	1	2	1	0	0	0	11	11
Mich--------	---	1	3	4	4	3	22	53	83	108
Mont--------	---	1	1	0	0	0	0	0	1	6
N. H--------	---	1	1	0	0	0	0	7	9	12
N. Mex------	---	1	1	1	0	0	0	0	0	0
Pa----------	---	1	0	0	1	3	7	34	41	43
Tenn--------	---	1	1	1	1	1	1	3	6	22
Wis---------	---	2	9	10	10	11	16	21	27	30
Va----------	---	---	1	2	1	0	0	0	6	10
Wash--------	---	---	1	0	2	2	5	9	17	19
Ind---------	---	---	---	1	4	2	3	6	9	42
Kans--------	---	---	---	1	0	0	0	0	0	3
Minn--------	---	---	---	7	17	8	10	14	28	64
Nebr--------	---	---	---	2	2	4	8	17	22	31
Vt----------	---	---	---	1	1	2	8	3	3	4
Del---------	---	---	---	---	1	1	1	1	1	3
Iowa--------	---	---	---	---	1	3	8	19	38	50
Miss--------	---	---	---	---	1	0	1	3	10	17
Oreg--------	---	---	---	---	1	1	1	1	5	6
Tex---------	---	---	---	---	1	0	0	1	4	21
Utah--------	---	---	---	---	1	1	0	0	0	0
Colo--------	---	---	---	---	---	1	4	0	1	1
Calif-------	---	---	---	---	---	---	1	2	6	8
Nev---------	---	---	---	---	---	---	1	1	0	0
W. Va-------	---	---	---	---	---	---	1	5	7	11
Idaho-------	---	---	---	---	---	---	---	1	1	1
Ky----------	---	---	---	---	---	---	---	1	1	22
Okla--------	---	---	---	---	---	---	---	1	14	23
Ark---------	---	---	---	---	---	---	---	---	1	10
La----------	---	---	---	---	---	---	---	---	3	17
Md----------	---	---	---	---	---	---	---	---	9	14
S. Dak------	---	---	---	---	---	---	---	---	6	10
Ala---------	---	---	---	---	---	---	---	---	---	17
N. Dak------	---	---	---	---	---	---	---	---	---	1
S. C--------	---	---	---	---	---	---	---	---	---	5
Total----	6	27	37	73	99	95	195	336	608	963

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
ALABAMA (17)												
Alabama ABA	3,800	--	7	4	--	--	--	--	11	1,019	19,114	4,902
(Affiliates)												
Calhoun	(425)									(41)	(900)	(268)
Chambers	(334)									(112)	(900)	(182)
Clay	(176)									(12)	(500)	(76)
Dallas	(94)									(49)	(1,200)	(332)
Elmore	(199)									(38)	(1,000)	(264)
Hale	(179)									(55)	(2,000)	(733)
Lee	(222)									(49)	(1,400)	(437)
Lauderdale	(84)									(14)	(300)	(130)
Limestone	(288)									(33)	(1,200)	(528)
Macon	(292)									(21)	(500)	(116)
Mobile	(218)									(66)	(1,400)	(186)
Montgomery	(73)									(144)	(3,000)	(643)
Morgan	(382)									(61)	(1,200)	(414)
Randolph	(167)									(49)	(1,000)	(135)
Shelby	(115)									(100)	(1,200)	(148)
Talladega	(161)									(25)	(400)	(78)
Tallapoosa	(391)									(150)	(1,000)	(232)
ARIZONA (1)												
Arizona ABA	50	--	--	--	6	--	--	--	6	140	2,000	1,800
ARKANSAS (10)												
Arkansas ABA	1,390	--	11	4	4	--	--	1	20	1,500	11,800	5,000
(Affiliates)												
Benton	(225)									(200)	(1,300)	----
Bismark	(50)									(200)	(1,200)	----
Boone	(100)									(125)	(1,000)	----
Carroll	(150)									(100)	(1,300)	----
Conway	(150)									(150)	(1,050)	----
Faulkner	(125)									(150)	(1,000)	----
Logan	(225)									(125)	(1,900)	----
Madison	(125)									(125)	(1,050)	----
Union	(80)									(125)	(800)	----
Washington	(160)									(200)	(1,200)	----
CALIFORNIA (8)												
Calif.Dairy Breeders	245	--	1	5	6	--	--	--	12	40	3,766	2,449
(Affiliates)												
Butte Breeders	----									----	(917)	(641)
Sacramento	----									----	(1,572)	(1,537)
San Joaquin	----									----	(305)	(142)
Shasta	----									----	(417)	(44)
Tehama	----									----	(555)	(85)
San Pasqual	6	--	7	7	10	2	--	--	26	50	2,500	2,300
Sonoma-Marin	40	--	2	2	2	--	--	--	6	70	1,000	1,376
Tulare	212	--	3	3	3	--	--	--	9	105	2,200	942
Total	503	--	13	17	21	2	--	--	53	265	9,466	7,067
COLORADO (1)												
Colo.A & M ABA	----	--	4	4	4	2	--	--	14	----	3,000	3,000
CONNECTICUT (7)												
Conn. ABA	1,691	--	--	7	8	--	--	--	2/15	----	10,987	10,987
(Affiliates)												
Fairfield	(419)									----	----	(2,176)
Hartford	(132)									----	----	(1,479)
Litchfield	(398)									----	----	(3,000)
Middlesex	(133)									----	----	(696)
New London	(161)									----	----	(675)
South Hartford	(69)									----	----	(781)
Tolland	(379)									----	----	(2,180)

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; SH-Shorthorn; NR-Not reported.
2/ Also buys semen from the New England Ayrshire Club (Massachusetts).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
DELAWARE (3)												
Delaware ABA	679		3	4	3				10	1,800	5,800	2,656
(Affiliates)												
Kent	(115)									(300)	(1,117)	(682)
New Castle	(446)									(1,200)	(3,550)	(1,973)
Sussex	(118)									(300)	(1,100)	----
IDAHO (1)												
New Plymouth	200	--	4	3	--	--	--	--	7	----	922	922
ILLINOIS (70)												
Central Illinois	3,000	--	--	4	--	--	4	--	8	600	6,000	6,000
(Affiliates) 2/												
Northern Illinois	7,000	--	--	4	12	--	--	--	16	10,500	35,000	35,000
(Affiliates) 3/												
Southern Illinois	10,000	--	6	8	8	--	--	--	22	3,750	25,000	25,000
(Affiliates) 4/												
Total	20,000		6	16	20	--	4	--	46	14,850	66,000	66,000
INDIANA (42)												
Elkhart	231	1	1	13	5	--	--	--	20	----	1,011	1,011
Harrison	221	---	4	--	--	--	--	--	4	95	1,194	882
Indiana ABA	850	--	5	6	6	--	--	1	18	700	7,400	5,125
Allen	240								(5)	360	1,440	650
Bartholomew	106								(5)	110	503	310
Carroll	135								(5)	65	950	512
Clay	153								(5)	156	1,235	684
Decatur	108								(5)	53	710	410
Delaware	168								(5)	101	1,258	702
DeKalb	155								(5)	200	1,100	300
Floyd-Clark	130								(5)	188	1,116	378
Fulton	218								(5)	85	1,500	545
Henry	124								(5)	300	1,076	501
Holland (Dubois)	62								(5)	25	596	253
Jackson	169								(5)	59	1,119	491
Jennings	105								(5)	4	685	361
Knox	109								(5)	120	750	450
Kosciusko	20								(5)	----	205	205
LaGrange	111								(5)	25	825	350
Lake	111								(5)	21	1,400	507
Lawrence	75								(5)	185	805	200
Marshall	697								(5)	217	2,475	2,475
Miami	280								(5)	180	1,800	842
Noble	144								(5)	160	1,000	542
Ohio	57								(5)	15	700	234
Pocket (Vand.)	170								(5)	125	1,200	561
Parke	205								(5)	----	1,300	650
Randolph	130								(5)	132	968	405
Ripley	92								(5)	75	827	340
St. Joseph	135								(5)	61	988	736
Spencer	127								(5)	64	925	600
Sullivan	135								(5)	100	900	394
Switzerland	143								(5)	39	1,300	517
Vigo	75								(5)	100	690	540
Warren	146								(5)	74	1,050	497
Wells	212								(5)	500	2,000	800
Whitley	229								(5)	107	1,126	900
State Institutions	12	--	--	--	7	--	--	--	7	400	816	200
LaPorte	14	--	--	--	3	--	--	--	3	----	250	250
Ross Farm	--	--	--	3	2	--	2	--	7	100	1,177	1,177
Steuben	10	--	--	1	--	--	--	--	1	65	150	25
Topeka	--	--	--	2	--	--	--	--	2	150	350	312
Total	6,614	1	10	25	23	--	2	1	62	5,516	48,870	27,824

1/ See footnote (1) page 4.

2/ Central Ill. Affiliates: Champaign; DeWitt; Douglas; Fulton; Macon; Mason; Moultrie; McLean; Piatt; Tazewell.

3/ Northern Ill. Affiliates: Kane; Kendall; DeKalb; DuPage; Stephenson; Carroll; Grundy; Will; Cook; Ogle; Bureau; Livingston; Henry; Rock Island; Jo Daviess; Lee; Lake; McHenry; Whiteside; Kankakee; Marshall-Putnam; Mercer; Knox; Warren; Henderson.

4/ Southern Ill. Affiliates: McDonough; Hancock; Adams; Schuyler; Brown; Menard; Sangamon; Christian; Greene; Macoupin; Montgomery; Shelby; Effingham; Jasper; Crawford; Richland; Wabash; Edwards; Marion; Fayette; Boone; Madison; Clinton; Monroe; St. Clair; Washington; Randolph; Jackson; Franklin; Williamson; Saline; Galatin; Alexander; Pulaski; Union.

5/ Buys semen from Indiana ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
IOWA (50)												
Eastern Iowa ABA	1,400	--	7	9	10	6	3	--	35	900	14,000	9,621
Delaware	437								(2)	270	3,300	2,352
Dubuque	180								(2)	200	2,500	1,650
Fayette	251								(2)	155	2,500	1,647
Franklin	75								(2)	150	800	300
Howard	175								(2)	85	2,000	1,283
Iowa County	259								(2)	140	2,075	838
Keokuk	216								(2)	80	1,061	745
Linn	375								(2)	250	2,625	2,011
Louisa	239								(2)	275	975	682
Marion	240								(2)	100	1,240	846
Marshall	350								(2)	175	2,612	1,613
Muscatine	130								(2)	35	900	608
North Cedar	256								(2)	100	1,800	1,300
Okoboji	70								(2)	70	700	276
Osage	130								(2)	80	1,100	846
Palo Alto	325								(2)	110	1,300	1,010
Story	150								(2)	125	1,600	1,268
Winneshiek	415								(2)	223	4,460	3,150
Dairy Genetics, Inc.	----	--	4	10	9	4	6	--	33	----	----	----
Audubon	289								(3)	200	1,532	1,127
Boone	382								(3)	60	1,704	998
Cass	185								(3)	10	1,050	791
Clarinda	194								(3)	100	1,244	716
Clarke	112								(3)	4	412	241
Dallas	172								(3)	60	1,000	787
East Pottowattomie	112								(3)	25	601	285
Green	375								(3)	85	2,100	1,443
Guthrie	225								(3)	40	944	678
Hamilton	141								(3)	85	813	465
Hardin	479								(3)	60	2,461	1,228
Henry	280								(3)	150	1,500	810
Jasper	400								(3)	100	2,000	936
Lucas	150								(3)	50	900	607
Mahaska	220								(3)	47	1,400	1,046
Madison	162								(3)	110	1,200	166
Montgomery	249								(3)	100	1,500	1,016
Page-Fremont	190								(3)	40	1,100	327
Po-Ha-Mi	250								(3)	100	2,000	774
Polk	594								(3)	169	2,748	961
Poweshiek	260								(3)	75	1,950	1,212
Scott	350								(3)	100	1,900	1,316
Wapello	192								(3)	65	1,383	574
Warren	280								(3)	118	1,627	1,070
Washington	290								(3)	110	1,254	847
N.W.Iowa Breeders' Co-op	----	--	--	8	6	5	7	--	26	----	----	----
Humboldt	437								(4)	200	2,700	1,772
North Iowa	200								(4)	75	1,100	820
Northwest Iowa	688								(4)	300	4,008	1,635
Pocahontas	263								(4)	65	1,400	1,058
Western Iowa	1,700	--	--	8	7	7	8	--	30	800	14,000	11,480
Woodbury	133								(5)	50	1,200	754
Total	15,627	--	11	35	32	22	24	--	124	7,076	108,279	69,986
KANSAS (3)												
Arkansas Valley	138								(6)	----	1,859	555
Atchinson	----								(7)	----	500	500
Labette	----								(8)	----	850	850
Total	138									----	3,209	1,905

1/ See footnote (1) page 4
2/ Buys semen from Eastern Iowa Association
3/ Buys semen from Dairy Genetics, Inc.
4/ Member of Northwest Iowa Federated Breeders' Co-op.
5/ Buys semen from Western Iowa Association
6/ Buys semen from bull stud at Enid, Oklahoma
7/ Buys semen from bull stud at Trenton, Missouri
8/ Buys semen from bull stud at Muskogee, Oklahoma

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
KENTUCKY (22)												
Kentucky ABA	3,431	--	9	9	9	--	--	--	27	----	31,291	15,141
(Affiliates)												
Anderson	(163)									----	(1,381)	----
Boone	(145)									----	(1,281)	----
Campbell	(163)									----	(1,326)	----
Central Ky.	(149)									----	(1,327)	----
Fleming	(106)									----	(1,256)	----
Grant	(111)									----	(1,217)	----
Jefferson	(299)									----	(2,382)	----
Kenton	(187)									----	(1,192)	----
Ky-Ohio Valley	(134)									----	(1,215)	----
Logan	(111)									----	(1,382)	----
McCracken-Ballard	(163)									----	(1,222)	----
Marshall-Calloway	(223)									----	(1,201)	----
Mason	(182)									----	(1,213)	----
Oldham	(160)									----	(1,902)	----
Owen	(120)									----	(1,232)	----
Pendleton	(160)									----	(1,582)	----
Pennyroyal	(146)									----	(1,423)	----
Shelby	(180)									----	(2,138)	----
Simpson	(133)									----	(1,277)	----
Spencer	(140)									----	(1,697)	----
Taylor	(140)									----	(1,132)	----
Washington	(116)									----	(1,313)	----
LOUISIANA (17)												
Louisiana ABA	1,317	--	9	8	8	--	-	--	25	1,722	21,036	----
(Affiliates)												
Baton Rouge	(56)									(50)	(1,224)	----
Central La	(63)									(241)	(1,240)	----
Claiborne	(73)									(156)	(721)	----
DeSoto	(68)									(62)	(1,450)	----
East Carroll-Madison	(49)									(152)	(1,040)	----
Franklin	(38)									(45)	(1,104)	----
Franklinton	(49)									(66)	(1,263)	----
Husser-Loranger	(54)									(12)	(1,041)	----
Iberia Unit	(110)									(87)	(1,586)	----
Jefferson	(20)									(50)	(1,067)	----
Mt. Hermon	(68)									(12)	(1,357)	----
Natchitoches	(107)									(198)	(1,068)	----
North La	(160)									----	(1,400)	----
North Tangipahoa	(77)									(45)	(1,583)	----
Ringgold Circuit	(100)									(39)	(848)	----
St. Helena	(66)									(61)	(1,062)	----
West Carroll	(159)									(446)	(982)	----
MAINE (21)												
Maine ABA	6,546	--	16	17	12	--	--	--	2/ 45	----	26,995	26,995
(Affiliates)												
Bangor	(270)									----	----	(1,416)
Belfast	(340)									----	----	(1,223)
Caribou	(209)									----	----	(292)
Danforth	(61)									----	----	(86)
Dexter	(384)									----	----	(1,741)
Ellsworth	(214)									----	----	(554)
Fryeburg	(261)									----	----	(1,149)
Hollis Center	(440)									----	----	(1,303)
Houlton	(160)									----	----	(238)
Island Falls	(180)									----	----	(713)
Lisbon	(546)									----	----	(2,191)
Newport	(355)									----	----	(1,979)
New Portland	(325)									----	----	(1,619)
North Berwick	(179)									----	----	(706)
Rumford	(220)									----	----	(1,288)
Skohegan	(235)									----	----	(1,059)
South Paris	(308)									----	----	(1,859)
Turner	(366)									----	----	(2,281)
Waldoboro	(250)									----	----	(958)
Waterville	(339)									----	----	(2,276)
York-Cumberland	(469)									----	----	(2,064)

1/ See footnote (1) page 4. 2/ Also buys semen from New England Ayrshire Club (Massachusetts).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
MARYLAND (14)												
Maryland ABA	1,259	3	4	8	6	--	--	--	21	5,424	18,775	9,241
(Affiliates)												
Allegany	(25)									(160)	(553)	(86)
Anne Arundel	(20)									(89)	~~(306)~~	(241)
Baltimore	(149)									(500)	(1,614)	(982)
Carroll	(139)									(752)	(1,881)	(1,357)
Cecil	(97)									(358)	(1,233)	(495)
Frederick	(108)									(657)	(2,054)	(1,031)
Garrett	(72)									(189)	(654)	(208)
Harford	(122)									(498)	(1,846)	(1,329)
Howard	(92)									(393)	(1,313)	(572)
Montgomery	(91)									(736)	(2,539)	(1,125)
Prince Georges	(17)									(58)	(236)	(77)
Queen Anne	(103)									(463)	(1,715)	(680)
Talbot	(118)									(175)	(1,465)	(549)
Washington	(106)									(396)	(1,366)	(509)
MASSACHUSETTS (11)												
Mass.Breeding Ass'n.	2,437	13	--	15	11	--	--	--	2/39	1,855	18,840	15,721
(Affiliates)												
Berkshire	(256)									(220)	(2,300)	(1,852)
Bristol	(129)									(80)	(800)	(620)
Dukes	(32)									(25)	(240)	(161)
Essex	(167)									(110)	(1,100)	(815)
Franklin	(227)									(230)	(2,500)	(2,170)
Hampden	(198)									(100)	(1,300)	(1,054)
Hampshire	(243)									(200)	(2,100)	(1,652)
Middlesex	(254)									(190)	(1,800)	(476)
Norfolk	(234)									(100)	(1,200)	(1,303)
Plymouth	(161)									(100)	(1,100)	(921)
Worcester	(536)									(500)	(4,400)	(3,719)
MICHIGAN (108)												
Michigan ABA	11,096	--	8	16	23	--	--	3/3	50	9,040	90,421	58,990
(Affiliates)												
Allegan	(103)									(69)	(695)	----
Allegan-Fennville	(32)									(37)	(375)	----
Alpena	(67)									(63)	(632)	----
Antrim-Charlevoix	(75)									(76)	(759)	----
Arenac-Standish	(65)									(75)	(750)	----
Barry-Dowling	(139)									(114)	(1,145)	----
Barry-Hastings	(166)									(112)	(1,120)	----
Barry-SW	(72)									(58)	(583)	----
Bay-Northern	(87)									(72)	(719)	----
Bay-Southern	(60)									(51)	(506)	----
Berrien-South	(112)									(81)	(806)	----
Branch-Gilead	(104)									(81)	(814)	----
Branch-Quincy	(157)									(141)	(1,407)	----
Calhoun-Southeast	(171)									(144)	(1,443)	----
Calhoun-West	(157)									(112)	(1,121)	----
Cass-Cassopolis	(192)									(135)	(1,350)	----
Cass-Marcellus	(91)									(70)	(695)	----
Charlevoix-Boyne City	(52)									(60)	(600)	----
Cheboygan	(62)									(56)	(560)	----
Clinton-Ovid	(114)									(92)	(923)	----
Clinton-St. Johns	(205)									(150)	(1,496)	----
Emmet-South	(76)									(61)	(610)	----
Genesee-Flushing	(144)									(69)	(688)	----
Genesee-Grand Blanc Goodrich	(165)									(129)	(1,293)	----
Genesee-Northeast	(97)									(52)	(516)	----
Genesee-SW	(195)									(130)	(1,296)	----
Gladwin-Clare	(56)									(55)	(550)	----
Grand-Traverse- Traverse City	(129)									(92)	(922)	----
Gratiot-Northwest	(196)									(130)	(1,300)	----
Gratiot-Southwest	(150)									(111)	(1,110)	----
Hillsdale-N.Adams	(95)									(74)	(742)	----
Hillsdale-Pittsford	(50)									(48)	(480)	----
Hillsdale-Reading	(85)									(73)	(731)	----
Ingham-Leslie	(148)									(100)	(999)	----

1/ See footnote (1) page 2/ Buys Jersey semen from Maine ABA. 3/ Red Danes

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
MICHIGAN (continued)												
(Affiliates)												
Ingham-Mason-------	(280)									(176)	(1,763)	----
Ingham-Stockbridge-	(182)									(159)	(1,586)	----
Ingham-Williamston-	(154)									(129)	(1,290)	----
Ionia----------	(135)									(112)	(1,124)	----
Iosco-Tawas City---	(69)									(55)	(546)	----
Isabella-Mt.Pleasant	(70)									(72)	(716)	----
Isabella-Nottawa---	(102)									(85)	(852)	----
Isabella-Rolland---	(45)									(40)	(400)	----
Jackson----------	(345)									(268)	(2,680)	----
Kalamazoo-East-----	(136)									(119)	(1,188)	----
Kalamazoo-West-----	(245)									(150)	(1,497)	----
Kalkaska----------	(65)									(68)	(680)	----
Lapeer-Columbiaville	(105)									(95)	(947)	----
Lapeer-Hadley------	(38)									(40)	(400)	----
Lapeer-Imlay City--	(174)									(167)	(1,670)	----
Lapeer-North Branch:	(45)									(50)	(501)	----
Leelanau----------	(56)									(65)	(650)	----
Lenawee-Addison----	(60)									(58)	(583)	----
Lenawee-Morenci----	(34)									(37)	(375)	----
Lenawee-Sand Creek-	(82)									(69)	(688)	----
Lenawee-Tipton-----	(162)									(125)	(1,251)	----
Livingston-Brighton:	(103)									(67)	(670)	----
Livingston-NW------	(202)									(147)	(1,469)	----
Macomb-Richmond----	(101)									(77)	(767)	----
Mason----------	(169)									(135)	(1,346)	----
Mecosta-Big Rapids-	(58)									(52)	(520)	----
Mecosta-Morley-												
Stanwood---------	(54)									(48)	(480)	----
Mecosta-Remus------	(55)									(57)	(575)	----
Mecosta-Barryton-												
Chippewa---------	(48)									(42)	(425)	----
Midland----------	(46)									(57)	(575)	----
Missaukee-Falmouth-	(54)									(55)	(552)	----
Missaukee-Lake City:	(35)									(38)	(381)	----
Missaukee-SW-------	(65)									(64)	(640)	----
Monroe-Maybee------	(38)									(42)	(420)	----
Monroe-Samaria-----	(134)									(89)	(888)	----
Montcalm-Dairyland-	(124)									(98)	(981)	----
Montcalm-Sheridan--	(129)									(104)	(1,038)	----
Muskegon-Brunswick-												
Holton----------	(120)									(95)	(952)	----
Muskegon-East------	(176)									(140)	(1,405)	----
Muskegon-NW--------	(85)									(85)	(851)	----
Newaygo-Fremont----	(105)									(94)	(940)	----
Oakland SW---------	(51)									(44)	(435)	----
Oakland #2---------	(36)									(38)	(380)	----
Oceana----------	(125)									(95)	(946)	----
Ogemaw #1---------	(65)									(65)	(650)	----
Otsego-Gaylord-----	(54)									(60)	(600)	----
Osceola-Evart------	(45)									(32)	(325)	----
Osceola-Reed City--	(55)									(55)	(550)	----
Saginaw-Arthur Hill:	(126)									(91)	(907)	----
Saginaw-Chesaning--	(116)									(90)	(902)	----
Saginaw-Frankenmuth:	(86)									(71)	(711)	----
Saginaw-Frankentrost	(63)									(47)	(472)	----
Saginaw-Hemlock----	(136)									(90)	(902)	----
Sanilac-Brown City-	(122)									(119)	(1,192)	----
Sanilac-Croswell---	(131)									(115)	(1,150)	----
Sanilac-Deckerville:	(130)									(121)	(1,212)	----
Sanilac-Marlette---	(115)									(131)	(1,311)	----
Sanilac-Minden City:	(55)									(43)	(427)	----
Sanilac-Sandusky---	(126)									(109)	(1,098)	----
Shiawassee---------	(34)									(42)	(425)	----
St. Clair-Yale-----	(79)									(56)	(561)	----
St. Joseph-Mendon--	(85)									(63)	(630)	----
St. Joseph-Sturgis-	(174)									(120)	(1,195)	----
St. Joseph-Three												
Rivers----------	(96)									(72)	(721)	-----
Tuscola-Cass City--	(31)									(42)	(416)	----
Tuscola-Kingston---	(48)									(43)	(430)	----
Tuscola-Millington-	(74)									(55)	(549)	----
Tuscola-Vassar-----	(59)									(50)	(495)	----
Van Buren----------	(215)									(127)	(1,274)	----
Washtenaw-Lincoln--	(51)									(58)	(580)	----
Washtenaw-Salem----	(31)									(43)	(427)	----
Washtenaw-Chelsea--	(62)									(70)	(700)	----
Wexford-Mesick-----	(40)									(45)	(450)	----
Wexford-Manton-----	(36)									(40)	(400)	----

1/ See footnote (1) page 4.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
MINNESOTA (64)												
Barnum	450	--	--	6	2	--	--	--	8	----	2,055	2,055
Floodwood	460	--	--	6	3	--	--	--	9	150	2,394	2,394
Land O'Lakes	3,600	--	5	11	12	--	--	---	28	3,000	30,000	7,692
(Affiliates)												
Anoka-Hennepin	----									----	----	(197)
Askov	----									----	----	(99)
Becker	----									----	----	(571)
Blackduck	----									----	----	(142)
Chisago	----									----	----	(94)
Crow Wing	----									----	----	(158)
Douglas	----									----	----	(297)
East Ottertail	----									----	----	(1,098)
First District	----									- --	----	(175)
Friendly Valley	----									----	----	(649)
Isanti	----									----	----	(81)
Itasca	----									----	----	(447)
Kanabac	----									----	----	(344)
Morrison	----									----	----	(213)
North Central	----									----	----	(2,110)
Red River	----									----	----	(114)
Sheright	----									----	----	(342)
South Pine	----									----	----	(270)
Tri-County	----									----	----	(132)
Wild Rive	----									----	----	(159)
Minnesota Valley	4,000	--	5	11	24	1	2	--	43	2,300	40,000	23,766
(Affiliates)												
Beltrami	----									----	----	(177)
Brown	----									---	----	(2,235)
Carver	----									----	----	(225)
Clay	----									----	----	(19)
Cottonwood	----									----	----	(359)
Dakota	----									----	----	(297)
Dassell	----									----	----	(1,711)
Forest City	----									----	----	(600)
Hennepin	----									----	----	(1,486)
Hubbard	----									----	----	(176)
Kandiyohi	----									----	----	(217)
Lac qui Parle	----									----	----	(59)
Lincoln	----									----	----	(333)
Lyon	----									----	----	(212)
McLeod	----									----	----	(1,366)
New Prague	----									----	----	(2,652)
Redwood	----									----	----	(235)
Renville	----									----	----	(1,301)
Sibley	----									----	----	(1,463)
St. Peter	----									----	----	(2,184)
Todd	----									----	----	(819)
Wadena	----									----	----	(571)
Waseca	----									----	----	(1,685)
West Ottertail	----									----	----	(2,425)
Winnebago	----									----	---	(131)
Wright	----									----	----	(342)
Yellow Medicine	----									----	----	(486)
Northern Minn	768	--	--	6	5	--	--	--	11	150	4,956	3,649
(Affiliates)												
Aitkin	(393)									(100)	(2,887)	(2,287)
North St. Louis	(175)									(25)	(900)	(593)
West St. Louis	(200)									(25)	(1,169)	(769)
Northwest Minn	424	--	--	4	11	--	2	--	17	----	4,805	4,805
Southern Minn	3,371	---	--	--	--	--	--	--	(2)	1,500	36,000	18,316
(Affiliates)												
Austin	----									----	----	(1,454)
Clarks Grove	----									----	----	(964)
Dodge	----									----	----	(1,740)
Freeborn	----									---	----	(1,170)
Goodhue	----									----	----	(3,736)
Harmony	----									----	----	(883)
Olmsted	----									----	----	(1,756)
Spring Valley	----									----	----	(1,321)
Steele-Rice	----									----	----	(4,679)
Wabasha	----									----	----	(324)
Winona	----									----	----	(289)
Total	13,073	--	10	44	57	1	4	--	116	7,100	120,210	62,677

1/ See footnote (1) page 4. 2/ Bulls reported under Minnesota Valley (owned cooperatively).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
MISSISSIPPI (17)												
Miss. ABA	1,227	--	7	--	--	--	--	--	7	1,352	9,277	3,373
(Affiliates)												
Alcorn	(184)									(222)	(700)	(458)
Attala	(140)									(93)	(794)	(363)
Chickasaw	(72)									(105)	(375)	(241)
Clay	(49)									(30)	(540)	(192)
Harrison	(15)									----	(400)	(7)
Hattiesburg	(30)									(104)	(404)	(6)
Hinds-Rankin	(44)									(78)	(552)	(53)
Loundes	(76)									(82)	(534)	(235)
Montgomery-Carroll	(102)									(114)	(551)	(303)
Neshola	(117)									(62)	(565)	(284)
Newton	(135)									(150)	(877)	(425)
Oktibbeha	(98)									(238)	(1,107)	(406)
Scott	(84)									(42)	(489)	(304)
Sunflower	(81)									(32)	(416)	(41)
Mid-South	42	--	6	4	2	--	--	--	12	5	1,525	543
Pike	197	--	4	--	--	--	--	--	4	186	2,149	1,022
Tupelo Area	0	--	6	--	--	--	--	--	6	1,500	3,046	3,046
Total	1,466	--	23	4	2	--	--	--	29	3,043	15,997	7,984
MISSOURI (72)												
East Missouri	1,400	--	5	4	5	--	--	--	14	1,230	12,302	6,556
(Affiliates) 2/												
M. F. A. ABA	----	--	25	11	4	--	--	--	40	4,800	30,000	22,000
(Affiliates) 3/												
Midwest	2,100	--	8	7	6	--	--	--	21	600	12,000	7,898
(Affiliates)												
Allerton	----									----	(300)	(206)
Blue Spring	----									----	(750)	(439)
Boonville	----									----	(500)	(296)
Butler	----									----	(1,000)	(733)
Cameron	----									----	(750)	(624)
Carrollton	----									----	(400)	(296)
Centerville	----									----	(300)	(188)
Columbia	----									----	(300)	(247)
Concordia	----									----	(500)	(258)
Effingham	----									----	(400)	(203)
Kirksville	----									----	(750)	(417)
Lamoni	----									----	(500)	(389)
Maryville	----									----	(350)	(258)
Maysville	----									----	(500)	----
Meadville	----									----	(400)	(329)
Moberly	----									----	(600)	(323)
Princeton	----									----	(250)	(1)
St. Joseph	----									----	(1,350)	(1,083)
Trenton	----									----	(1,600)	(992)
Unionville	----									----	(500)	(348)
Southwest Mo	----	--	--	--	--	--	--	6	6	----	4,000	4,000
Total	3,500	--	38	22	15	--	--	6	81	6,630	58,302	40,454
MONTANA (6)												
Western Mont. ABA	600	--	3	5	5	--	--	--	13	----	6,000	981
(Affiliates)												
Hamilton	(83)									----	(870)	(173)
Kalispell	(133)									----	(1,064)	(239)
Missoula	(101)									----	(795)	(99)
Ronan	(95)									----	(1,064)	(129)
St. Ignatius	(98)									----	(1,072)	(126)
Stevensville	(86)									----	(945)	(215)

1/ See footnote (1) page 4.

2/ East Missouri Affiliates: Boone; Cape Girardeau; Clark; Cole; Franklin; Jefferson; Lewis; Lincoln; Marion; Montgomery; Morgan; Osage; Perry; Pike; St. Charles; St. Francois.

3/ M. F. A. Affiliates: Alton; Ash Grove; Ava; Billings; Bolivar; Buffalo; Cabool; Cassville; Conway; Cole Camp; Crane; Dadeville; Eldorado Springs; Fordland; Greenfield; Hartville; Holden; Houston; Humansville; Kirbyville; Lebanon; Mansfield; Marshfield; Monett; Mountain Grove; Nixa; Osceola; Ozark; Smithton; Springfield; Stockton; Walnut Grove; West Plains; Willard; Winona;

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
NEBRASKA (31)												
Douglas	644	--	--	5	7	3	4	--	19	320	3,200	2,980
Boone	137								(2)	35	749	700
Burt	200								(2)	39	700	675
Butler	144								(2)	40	734	700
Cedar	130								(2)	35	800	700
Colfax	123								(2)	50	1,018	725
Dakota-Dixon	120								(2)	30	748	650
Dodge	153								(2)	40	986	844
Polk	200								(2)	55	723	650
Saunders	215								(2)	55	1,100	1,057
Washington	175								(2)	100	1,000	715
Lincoln Bull Stud		--	5	8	9	--	7	--	29			
Beauty Girl	208								(3)	55	1,300	600
Central Nebr	125								(3)	50	970	800
Farmers Non-Stock	126								(3)	40	822	800
Fillmore	200								(3)	60	1,200	900
Gage	250								(3)	95	1,800	1,045
Hamilton	176								(3)	50	1,000	915
Johnson	334								(3)	70	1,768	1,050
Lancaster	550								(3)	250	3,617	2,673
Otoe	220								(3)	65	1,413	1,140
Republican Valley	190								(3)	35	1,250	1,200
Richardson	414								(3)	80	2,500	2,350
Saline	132								(3)	40	1,835	750
Seward	226								(3)	40	1,445	1,354
York	418								(3)	150	2,500	1,890
Norfolk	300	--	--	3	4	3	4	--	14	70	1,935	1,823
Cuming	220								(4)	45	1,195	1,100
Humphrey	147								(4)	50	1,210	850
Knox	190								(4)	25	1,000	681
Tri-County	199								(4)	30	932	804
Wayne	214								(4)	40	1,250	1,137
Total	7,080	--	5	16	20	6	15	--	62	2,139	42,700	34,258
NEW HAMPSHIRE (12)												
New Hampshire ABA	2,177	--	9	10	9	--	--	--	5/28	7,000	17,106	10,618
(Affiliates)												
Claremont	(105)									(320)	(1,219)	(390)
Colebrook	(50)									(197)	(716)	(429)
Concord	(181)									(210)	(900)	(70)
Concord # 2	(197)									(321)	(1,084)	(1,545)
Exeter	(288)									(562)	(2,092)	(1,594)
Laconia	(186)									(273)	(1,196)	(742)
Lancaster	(113)									(261)	(1,277)	(864)
Lebanon	(200)									(560)	(1,642)	(1,419)
Nashua	(292)									(429)	(1,919)	(1,425)
Peterboro	(143)									(230)	(1,089)	(310)
Rochester	(154)									(360)	(941)	(699)
Woodsville	(123)									(301)	(1,434)	(1,011)
NEW JERSEY (9)												
Co-op # 1 ABA	1,800	--	2	4	8	1	--	--	15	1,250	11,500	9,887
Tri-County	40								(6)	35	110	86
N.J. Exp. Station Bull-Stud		--	--	5	7	1	--	--	13			
Morris	350								(7)	225	1,900	1,778
Northeast	125								(7)	100	900	350
Sussex	500								(7)	575	4,500	4,150
Plainsboro	470	--	1	4	9	--	--	--	14	350	5,100	5,100
Burlington	475								(8)	480	3,800	3,050
Monmouth	130								(8)	80	700	576
South Jersey	350								(8)	175	2,200	1,962
Total	4,240	--	3	13	24	2	--	--	42	3,270	30,710	26,939

1/ See footnote (1) page 4.
2/ Buys semen from Douglas Association.
3/ Buys semen from Lincoln Bull Stud.
4/ Buys semen from Norfolk Association.
5/ Also buys semen from New England Ayrshire Club (Massachusetts).
6/ Buys semen from Co-op # 1 ABA.
7/ Buys semen from New Jersey Experiment Station Bull Stud.
8/ Buys semen from Plainsboro Association.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
NEW YORK (65)												
Broome	1,280	--	3	5	11	--	--	--	19	2,200	7,485	5,562
Rondout	11	--	--	--	3	--	--	--	3	360	400	398
Seneca	300	--	--	2	3	--	--	--	5	200	1,600	1,585
New York AB Co-op (Affiliates) 2/	22,985	12	18	20	43	--	--	4	97	45,923	183,715	126,338
Total	24,576	12	21	27	60	--	--	4	124	48,683	193,200	133,883
NORTH DAKOTA (1)												
Red River Valley	47								(3)	150	497	350
OHIO (76)												
Central Ohio	12,178	7	12	10	11	6	--	--	46	----	40,534	40,534
(Affiliates)												
Allen	(384)									----	----	(1,755)
Ashtabula	(496)									----	----	(1,512)
Athens	(113)									----	----	(485)
Auglaize	(477)									----	----	(1,817)
Butler	(342)									----	----	(959)
Carroll	(222)									----	----	(1,103)
Clark	(209)									----	----	(953)
Clermont	(208)									----	----	(846)
Clinton	(169)									----	----	(775)
Columbiana	(360)									----	----	(952)
Coshocton	(253)									----	----	(1,072)
Darke	(557)									----	----	(1,243)
Defiance	(400)									----	----	(1,011)
Fairfield	(235)									----	----	(1,154)
Franklin	(253)									----	----	(1,028)
Fulton	(210)									----	----	(539)
Geauga-Lake	(609)									----	----	(1,381)
Greene	(278)									----	----	(1,257)
Guernsey	(108)									----	----	(324)
Hamilton	(148)									----	----	(486)
Harrison	(74)									----	----	(261)
Highland	(81)									----	----	(155)
Hocking	(81)									----	----	(195)
Jefferson	(185)									----	----	(751)
Licking	(356)									----	----	(2,152)
Madison	(137)									----	----	(740)
Mahoning	(285)									----	----	(787)
Meigs	(86)									----	----	(152)
Mercer	(382)									----	----	(903)
Miami	(417)									----	----	(1,651)
Montgomery	(608)									----	----	(1,263)
Morgan	(126)									----	----	(420)
Muskingum	(156)									----	----	(841)
Perry	(100)									----	----	(428)
Portage	(564)									----	----	(1,385)
Preble	(423)									----	----	(1,053)
Shelby	(299)									----	----	(1,122)
Summitt	(337)									----	----	(729)
Trumbull	(560)									----	----	(1,323)
Tuscarawas	(242)									----	----	(1,078)
Van Wert	(235)									----	----	(675)
Warren	(180)									----	----	(471)
Washington	(253)									----	----	(899)
Adams (Ind.)	----									----	----	(328)
Grant (Ind.)	----									----	----	(85)
Wells (Ind.)	----									----	----	(35)
Northern Ohio	11,000	5	11	11	9	4	--	--	40	8,250	74,915	47,500
(Affiliates)												
Ashland	(479)									(369)	(3,353)	(2,648)
Belmont	(213)									(164)	(1,491)	(775)

1/ See footnote (1) page 4.

2/ New York AB Co-op Affiliates: Adirondack; Albany; Allegany; Altona; Canton; Catskill; Cattaraugus; Cayuga; Champlain; Chautauqua; Chenango; Columbia; Cooperstown; Cortland; Dutchess; East St. Lawrence; Essex; First Onondaga; Franklin; Genesee; Gilboa; Gouverneur; Hancock; Herkimer; Jefferson; Lewis; Livingston; Madison; Margaretville; Mohawk; Monroe; Montgomery; Nassau; Niagara; North Delaware; North Erie; Oneida; Oneonta; Ontario; On-Wego; Orange; Orleans; Oswego; Pioneer; Rensselaer; Saratoga; Schuyler-Chemung; South Erie; St. Lawrence; Steuben; Suffolk; Sullivan; Tioga; Ulster; United; Walton; Washington; Wayne; Wharton Valley; Worcester; Wyoming; Yates.

3/ Buys semen from Land O'Lakes (Minnesota).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
OHIO (continued)												
Northern Ohio (cont'd):												
(Affiliates)												
Champaign	(301)									(232)	(2,107)	(1,440)
Crawford	(410)									(316)	(2,870)	(1,793)
Delaware	(476)									(366)	(3,332)	(3,113)
Erie	(135)									(104)	(945)	(514)
Hancock	(352)									(271)	(2,464)	(1,082)
Hardin	(281)									(216)	(1,967)	(915)
Henry	(406)									(313)	(2,842)	(1,538)
Holmes	(322)									(248)	(2,254)	(1,433)
Huron	(360)									(277)	(2,520)	(1,369)
Knox	(355)									(273)	(2,485)	(1,539)
Logan	(475)									(366)	(3,325)	(2,288)
Lorain	(461)									(355)	(3,227)	(2,454)
Lucas	(98)									(75)	(686)	(287)
Marion	(201)									(155)	(1,407)	(927)
Monroe	(208)									(160)	(1,456)	(1,033)
Morrow	(420)									(323)	(2,940)	(1,580)
Medina	(482)									(371)	(3,374)	(2,277)
Ottawa	(180)									(139)	(1,260)	(671)
Putnam	(244)									(188)	(1,708)	(758)
Richland	(290)									(223)	(2,030)	(967)
Sandusky	(435)									(335)	(3,045)	(1,745)
Seneca	(605)									(466)	(4,235)	(2,701)
Stark	(205)									(158)	(1,435)	(1,346)
Union	(374)									(288)	(2,618)	(2,126)
Wayne	(602)									(464)	(4,214)	(3,374)
Williams	(320)									(246)	(2,240)	(1,220)
Wood	(526)									(405)	(3,682)	(1,829)
Wyandot	(486)									(374)	(3,402)	(1,782)
Total	23,178	12	23	21	20	10	--	--	86	8,250	115,449	88,034
OKLAHOMA (23)												
Eastern Okla	950	--	4	4	4	--	--	--	12	531	12,639	11,472
(Affiliates) 2/												
Northwest Okla	1,749	--	6	5	6	--	5	--	22	100	15,000	7,648
(Affiliates) 3/												
Total	2,699	--	10	9	10	--	5	--	34	631	27,639	19,120
OREGON (6)												
Ore. Dairy Breeders	1,447	--	6	7	5	--	--	--	18	1,159	10,135	6,036
(Affiliates)												
Linn-Benton	(221)									(228)	(1,448)	(1,109)
Josephine	(115)									(110)	(928)	(451)
Malheur	(100)									(50)	(660)	(250)
Marion	(175)									(150)	(1,300)	(1,060)
Washington	(223)									(200)	(2,323)	(1,736)
Yamhill	(613)									(421)	(3,476)	(1,430)
PENNSYLVANIA (43)												
First Pa. ABA	2,472	--	--	11	14	--	--	--	25	6,749	21,397	15,479
(Affiliates)												
Centre	(258)									(639)	(2,620)	(1,869)
Clinton	(204)									(414)	(1,882)	(1,321)
Lycoming	(521)									(596)	(3,360)	(2,400)
McKean	(327)									(340)	(2,531)	(1,750)
Mifflin	(182)									(421)	(2,248)	(1,492)
Perry	(310)									(950)	(2,622)	(1,800)
Schuylkill	(290)									(600)	(2,250)	(1,732)
Union	(380)									(910)	(3,884)	(3,115)
Lehigh Valley	1,500	3	2	7	10	--	--	--	22	3,376	7,383	7,383

1/ See footnote (1) page 4.

2/ Eastern Oklahoma Affiliates: Broken Arrow; Cherokee; Collinsville; Grayson; Mayes; Muskogee; Okmulgee; Oswego; Westville.

3/ Northwest Oklahoma Affiliates: Ark Valley; Cleveland-McClain; Dewey; East Major; Elk; Ellis; Garfield; Grady; Greer; Jackson; Kay; Oklahoma; Payne; Washita.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
PENNSYLVANIA (continued)												
Nepa	4,664	5	6	8	16	--	--	--	35	11,626	37,785	32,083
(Affiliates)												
East Bradford	(586)									(1,278)	(5,152)	(5,086)
West Bradford	(527)									(1,850)	(4,593)	(4,500)
Luco	(622)									(829)	(3,419)	(2,939)
Montrose	(134)									(644)	(1,550)	(435)
Potter	(251)									(638)	(2,234)	(1,900)
Sullivan	(260)									(286)	(1,707)	(1,300)
Suswyanna	(285)									(655)	(2,240)	(2,087)
Tioga	(570)									(2,290)	(4,665)	(4,106)
Wayne	(671)									(1,061)	(5,634)	(4,846)
Wyoming	(754)									(2,095)	(5,150)	(4,325)
Southeastern Pa.	1,715	4	4	5	6	--	--	--	19	10,449	18,489	15,191
Cumberland	416								(2)	1,668	3,495	2,559
Dauland	225								(2)	255	1,501	1,054
Franklin	256								(2)	----	2,759	1,675
Tri-County	772								(2)	2,408	6,620	5,770
Western Pa.	7,419	--	10	25	21	--	--	--	56	16,137	52,084	40,702
(Affiliates)												
Beaver	(474)									(290)	(2,392)	(1,792)
Butler	(555)									(988)	(3,897)	(2,861)
Cambria	(162)									(225)	(1,620)	(1,345)
Clarion	(420)									(956)	(2,875)	(2,140)
Clearfield	(385)									(285)	(2,165)	(1,635)
Crawford	(450)									(1,349)	(3,350)	(2,667)
Erie	(350)									(404)	(2,419)	(1,590)
Fayette	(300)									(1,948)	(2,713)	(1,834)
Indiana	(427)									(1,092)	(3,747)	(2,650)
Jefferson	(275)									(890)	(1,995)	(1,695)
Lawrence	(360)									(589)	(2,700)	(2,275)
Mercer	(487)									(850)	(2,987)	(2,450)
Morrison's Cave	(291)									(530)	(2,695)	(1,994)
Somerset	(320)									(950)	(2,525)	(2,180)
Titusville	(387)									(489)	(2,475)	(2,027)
Tyrone	(237)									(900)	(2,138)	(1,575)
Warren	(377)									(1,020)	(2,263)	(1,925)
Washington	(480)									(1,125)	(2,340)	(2,254)
Westmoreland	(682)									(1,277)	(4,788)	(3,813)
Total	19,439	12	22	56	67	--	--	--	157	52,668	151,513	121,896
SOUTH CAROLINA (5)												
S.C.Federated ABA (Affiliates) 3/	----	--	4	5	4	2	--	--	15	375	3,750	3,750
SOUTH DAKOTA (10)												
S.Dakota ABA	950	--	1	4	7	4	5	1	22	1,122	9,351	5,715
(Affiliates)												
Brookings	----									(88)	(808)	----
Clay	----									(201)	(1,280)	----
Day	----									(97)	(891)	----
Elk Point	----									(134)	(806)	----
Grant	----									(147)	(1,370)	----
Hamlin-Codington	----									(80)	(788)	----
Huron	----									(29)	(325)	----
Lake	----									(111)	(948)	----
Minnehaha	----									(142)	(1,427)	----
Parker	----									(93)	(708)	----
TENNESSEE (22)												
East Tennessee ABA	243	--	3	3	3	--	--	--	9	265	2,639	270
(Affiliates)												
Blount	(45)									(60)	(659)	(61)
Knox	(114)									(115)	(1,021)	(113)
Monroe	(42)									(60)	(631)	(61)
Sullivan	(42)									(30)	(328)	(35)

1/ See footnote (1) page 4. 2/ Buys semen from Southeastern Pa. Association
3/ South Carolina Federated ABA affiliates: Anderson; Chester; Greenville; Spartanburg; York.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
TENNESSEE (continued)												
Mid-South	180								(2)	524	1,653	1,506
Tennessee ABA	1,688	--	13	4	4	--	--	--	21	1,100	13,413	5,161
(Affiliates)												
Bedford	(121)									(90)	(1,158)	(630)
Cannon	(50)									(25)	(510)	----
Davison	(180)									(100)	(1,043)	(759)
Giles	(120)									(100)	(1,220)	(33)
Lawrence	(75)									(40)	(850)	----
Marshall	(113)									(150)	(1,213)	(561)
Maury	(60)									(90)	(599)	(367)
Robertson	(296)									(75)	(1,320)	----
Rutherford	(116)									(80)	(930)	(490)
Smith	(138)									(50)	(895)	(487)
Sumner	(196)									(150)	(1,702)	(824)
Williamson	(129)									(100)	(988)	(617)
Wilson-DeKalb	(94)									(50)	(985)	(393)
Yorkville	380	--	7	--	--	--	--	--	7	400	2,000	1,500
Henry	220								(3)	92	960	----
Madison	188								(3)	113	1,059	431
Weakley	206								(3)	283	1,227	580
Total	3,105	---	23	7	7	--	--	--	37	2,777	22,951	9,448
TEXAS (21)												
North Star	61	--	4	--	2	--	--	--	6	50	618	57
Texas A&M Bull Stud		--	7	--	4	--	--	--	11			
Bexar	43								(4)	120	1,242	886
Brazos	33								(4)	360	800	66
Guadalupe	39								(4)	70	839	80
Harris	42								(4)	145	1,391	81
Hopkins	119								(4)	195	1,148	340
Kerr	94								(4)	45	683	199
McLennan	117								(4)	140	1,363	629
Nacogdoches	95								(4)	70	1,200	275
Tom Green	56								(4)	65	817	181
Wharton	28								(4)	55	380	197
Wilson	66								(4)	160	1,492	362
Zavala	160								(4)	55	1,216	184
North Texas Breeding Farm		--	6	4	4	--	--	--	14			
Collin	41								(5)	60	603	251
Dallas	251								(5)	290	2,802	1,584
Denton	93								(5)	120	1,176	673
Hunt	166								(5)	120	1,374	376
Johnson	71								(5)	115	1,038	82
Kaufman	45								(5)	60	744	205
Wise	62								(5)	95	1,352	751
Grayson	133								(6)	115	1,486	543
Total	1,815	--	17	4	10	--	--	--	31	2,505	23,324	7,880
VERMONT (4)												
Addison	135								(7)	100	1,400	1,108
Central Vt	210	--	--	--	--	--	--	6	8/6	150	3,500	3,141
Green Mountain	99								(7)	----	940	374
Windham & Caledonia	167								(9)	299	1,896	719
Total	611	--	--	--	--	--	--	6	8	549	7,736	5,342

1/ See footnote (1) page 4.
2/ Bulls reported by Mississippi.
3/ Buys semen from Yorkville Association.
4/ Buys semen from Texas A&M Bull Stud.
5/ Buys semen from North Texas Breeding Farm.
6/ Buys semen from Eastern Oklahoma ABA.
7/ Buys semen from New York ABA.
8/ Buys Ayrshire, Guernsey & Holstein semen from Massachusetts ABA.
9/ Buys semen from New Hampshire ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

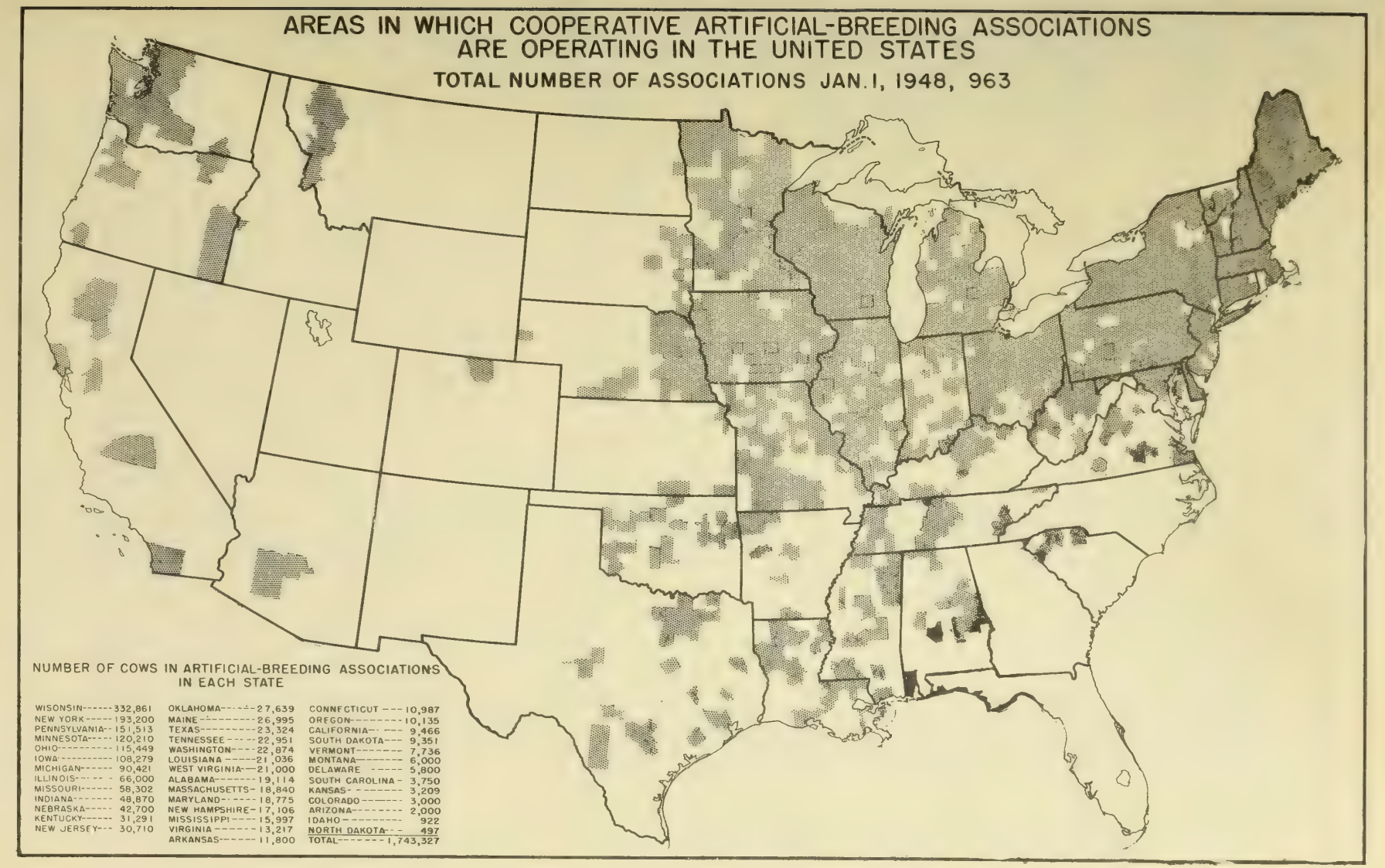
State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
VIRGINIA (10)												
Franklin	131	--	--	5	6	--	--	--	11	750	1,630	698
Loudoun	72								(2)	250	1,374	956
North Va. Co-op	156	--	2	4	9	--	--	--	15	450	2,300	1,474
(Affiliates)												
Albemarle	(68)									(200)	(900)	(262)
Culpeper	(88)									(250)	(1,400)	(1,212)
Southeast Va	401	--	2	4	3	--	--	--	9	750	4,652	2,636
(Affiliates)												
Nottoway	(92)									(150)	(1,058)	(301)
Peninsula	(109)									(200)	(1,394)	(963)
Tidewater	(200)									(400)	(2,200)	(1,372)
Valley of Va	428	--	--	3	3	--	--	--	6	810	3,261	1,981
(Affiliates)												
Augusta	(71)									(200)	(841)	(361)
Rockbridge	(169)									(100)	(843)	(412)
Shenandoah Valley	(188)									(450)	(1,532)	(1,208)
Total	1,188	--	4	16	21	--	--	--	41	3,010	13,217	7,745
WASHINGTON (19)												
Evergreen	1,580	--	6	5	5	1	--	1	18	1,100	11,396	7,957
(Affiliates)												
Clark	(170)									(140)	(1,300)	(848)
Cowlitz	(156)									(45)	(897)	(569)
Grays Harbor	(157)									(140)	(1,342)	(870)
Kitsap	(78)									(25)	(384)	(244)
Lewis	(197)									(135)	(1,248)	(1,034)
North King	(146)									(100)	(1,050)	(827)
Pacific	(69)									(35)	(438)	(388)
Pierce	(140)									(100)	(1,200)	(813)
South King	(125)									(100)	(1,087)	(391)
Thurston	(224)									(80)	(1,100)	(947)
Wahkiakum	(118)									(180)	(1,350)	(1,026)
Northwest Co-op	2,108	--	5	7	5	--	--	--	17	1,196	10,527	----
(Affiliates)												
Arlington	(320)									(96)	(1,940)	----
Clallam	(131)									(53)	(774)	----
Jefferson	(40)									(18)	(151)	----
Skagit	(542)									(524)	(2,705)	----
Snohomish	(226)									(118)	(880)	----
Sunnyside	(124)									(46)	(539)	----
Whatcom	(725)									(341)	(3,538)	----
Walla Walla Valley	400	--	1	2	1	--	--	--	3/ 4	51	951	----
Total	4,088	--	12	14	11	1	--	1	39	2,347	22,874	7,957
WEST VIRGINIA (11)												
W. Va. ABA Co-op	2,639	2	7	4	7	--	--	--	20	2,000	21,000	8,880
(Affiliates)												
Cabell-Wayne	(86)									----	----	----
Central Unit	(703)									----	----	(2,418)
Greenbrier Valley	(223)									----	----	(850)
Jackson Unit	(79)									----	----	(651)
Marshall Unit	(272)									----	----	(936)
Mason Unit	(104)									----	----	(532)
Monongalia	(229)									----	----	(350)
Ohio Unit	(243)									----	----	(1,337)
Preston	(235)									----	----	(663)
Tygart Valley	(222)									----	----	(416)
Tyler-Wetzel	(243)									----	----	(571)

1/ See footnote (1) page 4.
2/ Buys semen from Maryland ABA.
3/ Buys Jersey semen from Evergreen Breeders.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1948

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1947)
WISCONSIN (30)												
Badger Co-op	9,828	--	--	23	25	--	--	--	48	8,649	108,108	85,066
Manitowoc	622								(2)	615	7,100	6,153
Dane-Iowa	230	--	--	--	6	--		--	6	475	1,000	949
East Central	2,500	--	--	5	9	1	--	3/3	18	2,359	30,000	23,592
Tri-State	3,965	--	7	11	14	3	--	--	35	2,500	60,000	37,505
Jackson	410								(4)	32	3,500	3,178
University of Wisconsin Bull Stud		1	1	14	14	--	--	--	30			
Dane-County	1,119								(5)	1,085	15,000	10,850
Sauk	1,312								(5)	300	15,000	10,015
Ashland-Bayfield	210								(6)	5	2,258	269
Burnett	171								(6)	90	800	703
Polk	1,000								(6)	81	4,050	4,050
Wis. Scientific Breeding Inst. Bull Stud		--	6	14	12	--	--	--	32			
Buffalo	489								(7)	159	4,400	3,980
Central Wis.	420								(7)	165	4,400	3,291
Chippewa	381								(7)	----	2,732	1,147
Clark	730								(7)	----	4,445	4,445
Douglas	298								(7)	67	2,975	2,247
Dunn	167								(7)	11	1,655	281
Eau Claire	228								(7)	124	2,300	1,549
Grant	168								(7)	15	2,396	1,814
Green	541								(7)	244	5,500	4,063
Iowa-County	264								(7)	102	3,435	3,387
LaFayette	312								(7)	136	4,000	3,400
Pierce	450								(7)	132	5,000	2,631
Rock	876								(7)	1,006	8,000	6,709
Rusk	344								(7)	106	2,837	2,565
St. Croix	539								(7)	120	6,000	4,033
Southeastern Wis	867								(7)	1,038	9,537	6,921
Washburn	305								(7)	99	3,223	1,987
Waukesha	954								(7)	367	12,285	9,183
Western Bayfield	97								(7)	24	925	121
Total	29,797	1	14	67	80	4	--	3/3	169	20,106	332,861	246,084
UNITED STATES (963)	224,493	56	370	547	631	56	59	8/26	1,745	225,721	1,743,327	1,184,168

1/ See footnote (1) page 4.
2/ Buys semen from Badger Co-op.
3/ Aberdeen Angus.
4/ Buys semen from Tri-State Co-op.
5/ Buys semen from University of Wisconsin Bull Stud.
6/ Buys semen from Land O'Lakes, Inc. (Minnesota).
7/ Buys semen from Wisconsin Scientific Breeding Institute Bull Stud.
8/ Includes 3 Red Danes and 3 Aberdeen Angus.


AREAS IN WHICH COOPERATIVE ARTIFICIAL-BREEDING ASSOCIATIONS ARE OPERATING IN THE UNITED STATES
TOTAL NUMBER OF ASSOCIATIONS JAN. 1, 1948, 963
NUMBER OF COWS IN ARTIFICIAL-BREEDING ASSOCIATIONS IN EACH STATE
WISONSIN 332,861
NEW YORK 193,200
PENNSYLVANIA 151,513
MINNESOTA 120,210
OHIO 115,449
IOWA 108,279
MICHIGAN 90,421
ILLINOIS 66,000
MISSOURI 58,302
INDIANA 48,870
NEBRASKA 42,700
KENTUCKY 31,291
NEW JERSEY 30,710
OKLAHOMA 27,639
MAINE 26,995
TEXAS 23,324
TENNESSEE 22,951
WASHINGTON 22,874
LOUISIANA 21,036
WEST VIRGINIA 21,000
ALABAMA 19,114
MASSACHUSETTS 18,840
MARYLAND 18,775
NEW HAMPSHIRE 17,106
MISSISSIPPI 15,997
VIRGINIA 13,217
ARKANSAS 11,800
CONNECTICUT 10,987
OREGON 10,135
CALIFORNIA 9,466
SOUTH DAKOTA 9,351
VERMONT 7,736
MONTANA 6,000
DELAWARE 5,800
SOUTH CAROLINA 3,750
KANSAS 3,209
COLORADO 3,000
ARIZONA 2,000
IDAHO 922
NORTH DAKOTA 497
TOTAL 1,743,327

OFFICIALS IN CHARGE OF DAIRY-BREEDING ASSOCIATIONS IN THE STATES

Ala------ J. R. Parrish, Ext. Service, School of Agr., Auburn.
Ariz----- W. R. Van Sant, Ext. Service, College of Agr., Tucson.
Ark------ Allen Goodbary, Ext. Dairyman, P.O. Box 391, Little Rock.
Calif---- G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
Colo----- H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
Conn----- Wm. R. Walker, Ext. Service, College of Agr., Storrs.
Del------ D. J. Young, Ext. Service, University of Delaware, Newark.
Fla------ C. W. Reaves, Ext. Service, College of Agr., Gainesville.
Ga------- Bruce Hamilton, Ext. Service, College of Agr., Athens.
Hawaii--- A. M. Hieronymus, Spec. in An. Husb., Univ. of Hawaii, P.O. Box 18, Honolulu 10.
Idaho---- G. C. Anderson, Ext. Division, College of Agr., Boise.
Ill------ J. G. Cash, Ext. Service, College of Agr., Urbana.
Ind------ G. A. Williams, Dept. of Agr. Ext., Purdue University, Lafayette.
Iowa----- Floyd Arnold, Ext. Service, Iowa State College of Agr., Ames.
Kans----- J. W. Linn, Ext. Division, Kansas State College, Manhattan.
Ky------- Carl Clifton, Ext. Dairyman, College of Agr., Lexington 29.
La------- E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
Maine---- Ralph Corbett, Ext. Service, College of Agr., Orono.
Md------- M. E. Senger, Ext. Service, University of Maryland, College Park.
Mass----- C. H. Parsons, Ext. Service, Massachusetts State College, Amherst.
Mich----- A. C. Baltzer, Ext. Division, Mich. State College of Agr., East Lansing.
Minn----- H. R. Searles, Div. of Agr., University Farm, St. Paul 1.
Miss----- L. A. Higgins, Ext. Service, Mississippi State College, State College.
Mo------- E. T. Itschner, Agr. Ext. Service, College of Agr., Columbia.
Mont----- J. O. Tretsven, Ext. Service, Montana State College, Bozeman.
Nebr----- M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
Nev------ V. E. Scott, Agr. Ext., College of Agr., Reno.
N. H----- Hilton Boynton, Ext. Service, College of Agr., Durham.
N. J----- E. J. Perry, Ext. Service, State College of Agr., New Brunswick.
N. Mex--- E. E. Anderson, Ext. Service, N. Mex. College of Agr., State College.
N. Y----- Raymond Albrectsen, Ext. Service, N.Y. State College of Agr., Ithaca,
N. C----- J. A. Arey, Ext. Service, N. C. State College of Agr., State College Station, Raleigh.
N. Dak--- Clarence Olson, Agr. Ext., N. Dak. Agr. College, State College Station, Fargo.
Ohio----- R. R. Starbuck, Agr. Ext., College of Agr., Columbus 10.
Okla----- L. H. Stinnett, Ext. Division, Oklahoma A & M College, Stillwater.
Oreg----- H. P. Ewalt, Federal Coop. Ext., Oregon State College, Corvallis.
Pa------- R. R. Welch, Agr. Ext., School of Agr., State College.
P. R----- C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R. I----- John E. Ladd, Ext. Service, Rhode Island State College, Kingston.
S. C----- C. G. Cushman, Ext. Service, Clemson Agr. College, Clemson.
S. Dak--- R. A. Cave, Ext. Service, S. Dak. State College of Agr., Brookings.
Tenn----- C. A. Hutton, Ext. Dairyman, P.O. Box 1071, Knoxville.
Tex------ G. G. Gibson, Ext. Service, A & M College of Texas, College Station.
Utah----- L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
Vermont-- E. H. Loveland, Ext. Service, College of Agr., Burlington.
Va------- Wm. H. Armstrong, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
Wash----- M. B. Nichols, Ext. Service, State College of Washington, Pullman.
W. Va---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
Wis------ Geo. M. Werner, Ext. Dairyman, Room 209 King Hall, Madison 6.
Wyo ----- Anton Fellhauer, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN FEBRUARY 1948

Following is a list of 370 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in February 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ADMIRAL'S BEAUTY PRINCE 66448----------	15 daughters-	17	8,313	3.9	324
Born, 8-16-39; proved, 2-2-48;----; Iowa.	9 daughters--	11	8,360	3.8	319
Sire, 38868; dam, 110068.	9 dams-------	25	7,584	3.9	299
Herd Owner, Theo. Thorson, St. Olaf.	Difference---	(7-5-7)	+776	-.1	+20
ALFALFA FARM HIGH JACK 45019 *9----------	50 daughters-	106	8,938	4.2	375
Born, 10-4-31; proved, 2-19-48; alive; R. I.	43 daughters-	84	8,650	4.2	364
Sire, 37395; dam, 97151.	43 dams------	214	9,713	4.0	390
Herd Owner, Lippitt Farm, Hope.	Difference---	(11-33-18)	-1,063	+.2	-26
ALTA CREST LOOKABOUT 56741----------	13 daughters-	17	9,016	4.0	364
Born, 5-28-37; proved, 2-6-48; dead; N. Y.	10 daughters-	12	9,148	4.1	371
Sire, 46110; dam, 113104.	10 dams------	21	8,221	4.1	338
Herd Owner, Frank Winkler, Middleburg.	Difference---	(7-3-9)	+927	.0	+33
CAVALIER'S SILVER MODEL 46504----------	7 daughters--	8	9,533	3.8	364
Born, 11-14-32; proved, 2-6-48; dead; N. Y.	5 daughters--	6	9,554	3.9	375
Sire, 35651; dam, 88322.	5 dams-------	17	8,881	4.0	351
Herd Owner, Ralph S. Gould, Hobart.	Difference---	(4-3-4)	+673	-.1	+24
CORNELL BARR AYR 63417 *(July 1947)----------	12 daughters-	20	8,338	4.5	371
Born, 11-28-39; proved, 2-27-48;----; N. Y.	10 daughters-	17	8,715	4.4	386
Sire, 57529; dam, 175272.	10 dams------	32	9,341	4.2	388
Used in New York Co-op. A. B. A.	Difference---	(3-10-5)	-626	+.2	-2
COWGROVE GOLDEN SUN, IMP. 51654 *9----------	42 daughters-	94	8,031	3.9	312
Born, 9-7-32; proved, 2-24-48;----; Wis.	18 daughters-	38	8,389	4.0	334
Sire, 51652; dam, 172584.	18 dams------	56	10,636	3.9	412
Herd Owner, Ban Tara Farms, Hudson.	Difference---	(1-13-2)	-2,247	+.1	-78
CREST BOURN MASTER FARMER 64999----------	12 daughters-	13	10,895	3.7	408
Born, 9-7-40; proved, 2-27-48;----; N. Y.	10 daughters-	10	10,942	3.7	409
Sire, 59970; dam, 105173.	10 dams------	28	7,033	3.9	276
Herd Owner, Clarence Dildine & Pritchard, Auburn.	Difference---	(10-4-10)	+3,909	-.2	+133
FAIR MEADOWS CREAM HIGH 54157 *9----------	21 daughters-	57	10,451	4.2	437
Born, 5-28-36; proved, 2-25-48;----; Conn.	19 daughters-	51	10,455	4.2	439
Sire, 48093; dam, 140717.	19 dams------	73	9,686	4.0	384
Herd Owner, Fair Meadows Farm, Litchfield.	Difference---	(12-17-14)	+769	+.2	+55
FAIR MEADOWS YANKEE WARRIOR 60965 *(July 1947)----------	16 daughters-	22	8,097	4.4	355
Born, 2-17-39; proved, 2-24-48;----; Pa.	15 daughters-	19	8,055	4.4	355
Sire, 50792; dam, 154966.	15 dams------	46	9,413	3.9	372
Herd Owner, Blackwood Farm, Douglassville.	Difference---	(4-14-7)	-1,358	+.5	-17
FOREST VU DELMA'S PASSPORT 71028----------	5 daughters--	6	9,403	4.4	418
Born, 4-26-40; proved, 2-27-48;----; Md.	5 dams-------	9	8,255	4.2	343
Sire, 46711; dam, 190224.	Difference---	(4-5-5)	+1,148	+.2	+75
Herd Owner, Howard F. Streaker, West Friendship.					
HAWKSWOOD'S VIRGILANT 64908----------	9 daughters--	13	9,965	4.2	417
Born, 8-17-40; proved, 2-6-48;----; N. Y.	7 daughters--	10	10,019	4.1	416
Sire, 49788; dam, 204161.	7 dams-------	15	9,793	4.0	388
Used in Nepa Co-op. A. B. A., Pa.	Difference---	(5-6-5)	+226	+.1	+28
LANEWAY ANDY (TWIN) 53527 *9----------	8 daughters--	15	7,999	4.1	332
Born, 3-2-36; proved, 2-24-48; dead; N. H.	8 dams-------	43	10,873	4.3	464
Sire, 41058; dam, 97783.	Difference---	(0-4-0)	-2,874	-.2	-132
Herd Owner, Crystal Spring Farm, East Concord.					
LANEWAY DICKY BOY 50470 *9----------	14 daughters-	33	9,451	4.3	406
Born, 10-15-34; proved, 2-20-48;----; Mass.	11 daughters-	26	9,321	4.3	398
Sire, 41058; dam, 122200.	11 dams------	37	10,918	4.3	471
Herd Owner, Caratunk Farm, Attleboro.	Difference---	(0-6-1)	-1,597	.0	-73
LANEWAY DON JUAN 51577 *8----------	25 daughters-	52	9,476	4.2	399
Born, 5-27-35; proved, 2-20-48;----; Mass.	25 dams------	135	11,345	4.2	471
Sire, 41058; dam, 93387.	Difference---	(7-18-7)	-1,869	.0	-72
Herd Owner, Laneway Farm Dairy Co., Taunton.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LANEWAY GOBO 53156 *8----------	26 daughters-	39	7,658	4.2	318
Born, 12-4-35; proved, 2-24-48;----; Maine.	22 daughters-	34	8,014	4.1	331
Sire, 41058; dam, 128658.	22 dams------	52	9,143	4.0	366
Herd Owner, Roland Sanborn & Sons, Gorham.	Difference---	(6-16-6)	-1,129	+.1	-35
MAPLE DRIVE MAGNET 67757 *(July 1947)----------	9 daughters--	14	9,667	4.3	414
Born, 7-1-41; proved, 2-27-48;----; N. Y.	9 dams-------	38	8,953	4.0	355
Sire, 50792; dam, 215698.	Difference---	(5-9-8)	+714	+.3	+59
Used in New York Co-op. A. B. A.					
MONARCH IRENE'S JOE 47462----------	21 daughters-	46	9,773	3.8	367
Born, 4-3-33; proved, 2-4-48; dead; Mont.	10 daughters-	30	9,730	3.8	365
Sire, 38932; dam, 122142.	10 dams------	10	12,269	3.7	452
Herd Owner, Harry B. Mitchell, Great Falls.	Difference---	(2-4-2)	-2,539	+.1	-87
MONARCH SNOWDROP'S PRIDE 47463----------	21 daughters-	45	9,014	4.0	359
Born, 4-6-33; proved, 2-4-48; dead; Mont.	15 daughters-	36	9,048	4.0	362
Sire, 38932; dam, 101422.	15 dams------	19	11,106	3.8	424
Herd Owner, Harry B. Mitchell, Great Falls.	Difference---	(1-11-2)	-2,058	+.2	-62
MT. HARMON IDEAL OF '41 71147----------	8 daughters--	8	9,216	3.8	347
Born, 6-9-41; proved, 2-17-48;----; Md.	7 daughters--	7	9,760	3.7	365
Sire, 58001; dam, 115467.	7 dams-------	17	8,876	4.2	373
Herd Owner, Mt. Harmon Farm, Earleville.	Difference---	(5-1-4)	+884	-.5	-8
OHIO PRINCE HIRAM 68214----------	5 daughters--	5	10,424	4.4	461
Born, 8-8-41; proved, 2-13-48;----; Ohio.	5 dams-------	11	8,126	4.0	322
Sire, 48748; dam, 174375.	Difference---	(5-4-5)	+2,298	+.4	+139
Used in Northern Ohio Co-op. A. B. A.					
PARAMOUNT SUNDIAL, IMP. 44736----------	14 daughters-	15	5,174	3.8	196
Born, 11-7-29; proved, 2-10-48; dead; Vt.	5 daughters--	5	4,289	4.2	182
Sire, 42112; dam, 134314.	5 dams------	5	5,393	4.1	219
Herd Owner, Hi Lo Acres, Cambridge.	Difference---	(1-4-0)	-1,104	+.1	-37
PENSHURST ADVANCER 35622 *7----------	86 daughters-	219	9,770	4.0	390
Born, 2-1-27; proved, 2-18-48; dead; Pa.	43 daughters-	81	9,578	4.1	389
Sire, 25200; dam, 68724.	43 dams------	144	8,777	4.0	352
Herd Owner, Good Acres Farm, Waynesboro.	Difference---	(28-28-28)	+801	+.1	+37
PENSHURST CYCLONE 39699 *6----------	31 daughters-	93	8,067	4.2	335
Born, 2-1-29; proved, 2-19-48; dead; N. H.	22 daughters-	73	7,944	4.1	328
Sire, 25200; dam, 76383.	22 dams------	70	7,953	3.9	309
Herd Owner, John K. Korpela, Lebanon.	Difference---	(11-18-12)	-9	+.2	+19
PENSHURST DONELL 55200 *(Feb. 1947)----------	35 daughters-	69	11,234	4.3	484
Born, 10-18-36; proved, 2-24-48;----; Pa.	27 daughters-	51	11,683	4.3	508
Sire, 41511; dam, 130626.	27 dams------	95	9,497	4.2	403
Herd Owner, Neshaminy Farms, Newtown.	Difference---	(21-20-23)	+2,186	+.1	+105
PENSHURST LEO 53262 *9----------	21 daughters-	61	8,794	4.3	377
Born, 10-6-35; proved, 2-24-48;----; Pa.	16 daughters-	48	8,720	4.3	376
Sire, 42419; dam, 83676.	16 dams------	60	8,793	4.3	381
Herd Owner, Roselawn Farm, Malvern.	Difference---	(5-8-6)	-73	.0	-5
PENSHURST LINTEL 41058 *5----------	26 daughters-	94	9,442	4.2	400
Born, 6-6-29; proved, 2-19-48;----; Mass.	24 daughters-	92	9,504	4.2	404
Sire, 35953; dam, 100502.	24 dams------	165	10,560	4.1	435
Herd Owner, Laneway Farm Dairy Co., Taunton.	Difference---	(5-20-8)	-1,056	+.1	-31
PENSHURST PRINCE V 44520 *9----------	22 daughters-	65	8,524	4.0	341
Born, 7-22-31; proved, 2-19-48; dead; Maine.	18 daughters-	51	8,818	4.0	354
Sire, 30533; dam, 99035.	18 dams------	92	9,446	3.7	352
Herd Owner, Kennebec Farms, Fairfield.	Difference---	(6-15-11)	-628	+.3	+2
ROCKIEWAY PENNY 66143----------	13 daughters-	13	7,517	3.9	297
Born, 8-10-40; proved, 2-9-48;----; N. Y.	8 daughters--	8	7,596	3.9	297
Sire, 51576; dam, 183738.	8 dams-------	10	6,967	3.8	266
Herd Owner, Herbert D. Walseman & Sons, Carthage.	Difference---	(4-7-6)	+629	+.1	+31
ROSELAWN DOT'S O'KING 68482----------	5 daughters--	5	9,516	3.8	366
Born, 6-19-41; proved, 2-27-48;----; Pa.	5 dams-------	13	9,043	4.0	365
Sire, 56585; dam, 178663.	Difference---	(2-2-2)	+473	-.2	+1
Used in Nepa Co-op. A. B. A.					
ROSELAWN MAGNET WARRIOR 653363 *11----------	11 daughters-	21	8,894	4.1	366
Born, 5-6-40; proved, 2-13-48;----; Pa.	11 dams------	39	9,606	4.1	397
Sire, 50792; dam, 105921.	Difference---	(4-5-5)	-712	.0	-31
Used in Northern Ohio Co-op. A. B. A., Ohio.					
SHARON VIEW FUTURE 60547----------	7 daughters--	14	5,952	4.1	247
Born, 12-7-38; proved, 2-6-48; dead; W. Va.	6 daughters--	13	5,982	4.2	248
Sire, 55398; dam, 109162.	6 dams-------	20	6,315	4.1	261
Herd Owner, W. A. Schuetz & Sons, Wheeling.	Difference---	(3-5-3)	-333	+.1	-13

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
STRATHGLASS CHAMPION 44854 *9----------	17 daughters-	51	10,085	4.0	404
Born, 8-3-31; proved, 2-19-48;----; R. I.	15 daughters-	45	10,261	4.0	414
Sire, 38601; dam, 71084.	15 dams------	62	10,877	4.1	445
Herd Owner, Edwin J. Hoyle, West Kingston.	Difference---	(6-10-5)	-616	-.1	-31
STRATHGLASS DOUGLAS BURGHER 56540----------	16 daughters-	22	7,010	4.0	281
Born, 4-23-37; proved, 2-10-48;----; N. Y.	16 dams------	87	7,939	4.0	315
Sire, 41921; dam, 141601.	Difference---	(5-10-5)	-929	.0	-34
Herd Owner, Blairgowan Farms, Kirkwood.					
STRATHGLASS DOUGLAS CHARMER 47885 *10----------	54 daughters-	114	7,902	3.8	303
Born, 1-28-34; proved, 2-20-48; dead; Vt.	37 daughters-	72	7,842	3.8	301
Sire, 41921; dam, 128924.	37 dams------	100	8,163	3.9	322
Used in Vermont Co-op. A. B. A., Inc.	Difference---	(13-17-16)	-321	-.1	-21
STRATHGLASS PETER DOUGLAS 47977 *9----------	29 daughters-	94	8,972	4.0	363
Born, 12-24-33; proved, 2-20-48; dead; R. I.	28 daughters-	93	8,976	4.1	364
Sire, 41921; dam, 97809.	28 dams------	185	10,696	4.0	433
Herd Owner, Lippitt Farm, Hope.	Difference---	(6-16-7)	-1,720	+.1	-69
THE HIGHLANDS WAR KING 45272----------	12 daughters-	46	9,243	3.9	358
Born, 1-1-32; proved, 2-6-48;----; Ind.	5 daughters--	17	10,343	3.8	394
Sire, 37098; dam, 99002.	5 dams-------	10	7,954	3.8	300
Herd Owner, Ralph B. Henry, Bluffton.	Difference---	(4-3-4)	+2,389	.0	+94
VISTA GRANDE CORKY 66258----------	9 daughters--	9	6,398	4.3	278
Born, 2-8-41; proved, 2-2-48; alive; N. Y.	9 dams-------	36	8,076	4.0	321
Sire, 55678; dam, 200833.	Difference---	(0-9-0)	-1,678	+.3	-43
Herd Owner, Brownell Brothers, Johnstown.					
WHITPAIN REQUEST 58179 *10----------	22 daughters-	49	10,064	4.0	400
Born, 1-13-38; proved, 2-27-48;----; Pa.	18 daughters-	41	10,107	4.0	403
Sire, 44209; dam, 138979.	18 dams------	54	9,229	3.9	363
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(12-13-12)	+878	+.1	+40
BROWN SWISS SIRES					
BARBETTE'S KEEPER OF J. B. 48668----------	7 daughters--	10	10,328	3.9	405
Born, 10-5-40; proved, 2-27-48;----; Minn.	7 dams-------	32	10,429	3.6	379
Sire, 34504; dam, 75040.	Difference---	(3-7-4)	-101	+.3	+26
Herd Owner, Eugene & O. Lloyd Friton, Sleepy Eye.					
CAPTAIN OF ROYAL'S BEAUTY BELL 50482----------	7 daughters--	11	10,746	4.2	454
Born, 3-25-41; proved, 2-9-48; alive; Kans.	7 dams-------	28	9,057	4.3	387
Sire, 41252; dam, 70876.	Difference---	(5-4-5)	+1,689	-.1	+67
Herd Owner, Frank M. Webber & Sons, Kingman.					
ELSIE'S ROYAL J. B. 48949----------	9 daughters--	10	12,092	4.1	491
Born, 1-31-41; proved, 2-10-48;----; Ohio.	8 daughters--	9	11,953	4.1	487
Sire, 37565; dam, 77016.	8 dams-------	14	12,089	3.9	477
Used in Central Ohio Co-op. A. B. A.	Difference---	(3-5-4)	-136	+.2	+10
EMME'S SHOWBOY OF ARBOR ROSE 42637 *11----------	13 daughters-	26	11,994	4.2	502
Born, 3-23-38; proved, 2-17-48;----; Oreg.	13 dams------	40	11,614	3.8	440
Sire, 28962; dam, 24828.	Difference---	(7-12-9)	+380	+.4	+62
Used in San Pasqual A. B. A.,Inc., Calif.					
FOXWOOD'S CHIEF (TWIN) 43416----------	6 daughters--	8	10,609	3.8	404
Born, 1-20-39; proved, 2-4-48;----; Ill.	6 dams-------	12	9,162	4.0	364
Sire, 37133; dam, 41054.	Difference---	(5-2-5)	+1,447	-.2	+40
Herd Owner, Walter Meisinger, Naperville.					
FOXWOOD'S GOLDEN PRIME 46044----------	5 daughters--	9	10,760	3.7	396
Born, 12-17-39; proved, 2-4-48;----; Iowa.	5 dams-------	17	10,709	3.8	409
Sire, 40472; dam, 71734.	Difference---	(3-2-3)	+51	-.1	-13
Herd Owner, La Vaughn Wilcox, Guernsey.					
KOFEL V. B. 47089----------	6 daughters--	7	10,529	3.9	411
Born, 8-10-39; proved, 2-6-48;----; Ind.	6 dams-------	13	10,542	3.9	408
Sire, 35122; dam, 59944.	Difference---	(2-3-2)	-13	.0	+3
Herd Owner, N. E. Leep, Lowell.					
LYDIA'S ROYAL OF LEE'S HILL 47761----------	6 daughters--	8	7,190	4.0	287
Born, 7-3-40; proved, 2-2-48;----; N. Y.	6 dams-------	19	8,456	4.0	338
Sire, 28594; dam, 56347.	Difference---	(1-3-2)	-1,266	.0	-51
Herd Owner, Thomas Cave, Ashville.					
ROYAL JANE'S BRIAN BORU 48057----------	10 daughters-	13	11,613	3.9	451
Born, 8-12-40; proved, 2-6-48;----; Ill.	10 dams------	38	10,747	3.7	400
Sire, 33189; dam, 55497.	Difference---	(4-7-5)	+866	+.2	+51
Herd Owner, Dr. John W. Ovitz, Sycamore.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WALHALLA VALIANT PRINCE 48176----------	8 daughters--	10	9,312	4.0	368
Born, 3-4-40; proved, 2-6-48;----; N. Y.	8 dams-------	34	8,878	3.8	341
Sire, 35293; dam, 46855.	Difference---	(4-5-5)	+434	+.2	+27
Herd Owner, Howard Anderson, Accord.					
WANDA'S BUD OF ROSELAND 48344----------	7 daughters--	11	10,401	4.3	443
Born, 3-16-40; proved, 2-27-48;----; Ill.	6 daughters--	10	10,650	4.3	455
Sire, 31302; dam, 70019.	6 dams-------	16	10,898	4.1	452
Herd Owner, Wagler Brothers, Pekin.	Difference---	(2-4-3)	-248	+.2	+3
GUERNSEY SIRES					
ADMIRAL OF TAMARACK RIDGE 248743----------	9 daughters--	19	8,983	4.7	421
Born, 5-4-37; proved, 2-27-48;----; Mich.	6 daughters--	11	8,833	4.8	421
Sire, 205682; dam, 427122.	6 dams-------	20	9,754	4.9	475
Herd Owner, Albert Schram & Son, Sodus.	Difference---	(2-2-1)	-921	-.1	-54
ALBERT OF THORN HILL 254064----------	10 daughters-	19	8,648	4.9	425
Born, 8-2-37; proved, 2-3-48;----; Ill.	5 daughters--	7	9,115	4.9	443
Sire, 167543; dam, 397373.	5 dams-------	10	7,274	4.6	336
Herd Owner, Edward L. Ryerson, Deerfield.	Difference---	(4-3-4)	+1,841	+.3	+107
AUER FLORA'S PROUD MODEL 247143----------	18 daughters-	34	6,933	4.7	329
Born, 4-30-36; proved, 2-10-48;----; Conn.	12 daughters-	23	6,939	4.8	332
Sire, 241720; dam, 228686.	12 dams------	34	6,876	4.9	338
Herd Owner, Maple Hill Dairy, Waterbury.	Difference---	(6-4-5)	+63	-.1	-6
BANNER'S LAD OF SUNBEAM 262977----------	20 daughters-	41	7,101	4.3	303
Born, 3-15-38; proved, 2-27-48;----; Pa.	7 daughters--	13	6,806	4.2	289
Sire, 218619; dam, 140295.	7 dams-------	15	9,050	4.1	371
Herd Owner, Francis McClure & Sons, North Wales.	Difference---	(0-5-0)	-2,244	+.1	-82
BETHANY PATRICIA'S KNIGHT 255345----------	11 daughters-	27	6,277	5.0	312
Born, 12-7-37; proved, 2-9-48;----; Pa.	8 daughters--	22	6,982	4.9	342
Sire, 121649; dam, 356194.	8 dams-------	27	7,248	4.3	315
Herd Owner, L. C. Beam, Waymart.	Difference---	(3-7-5)	-266	+.6	+27
BLAKEFORD SLOGAN 253414----------	9 daughters--	10	8,524	4.7	400
Born, 8-2-37; proved, 2-9-48;----; Pa.	9 dams-------	22	7,546	4.9	369
Sire, 216197; dam, 305134.	Difference---	(6-3-6)	+978	-.2	+31
Used in Nepa Co-op. A. B. A.					
BOULDER BRIDGE NEPTUNE 227922 *8----------	17 daughters-	49	7,448	4.8	358
Born, 8-11-35; proved, 2-18-48; dead; Minn.	16 daughters-	47	7,475	4.8	357
Sire, 192481; dam, 365600.	16 dams------	80	8,176	4.8	396
Herd Owner, J. H. & John R. Nahrgang, Lewiston.	Difference---	(4-6-4)	-701	.0	-39
BROADLAND HECTOR 266086----------	10 daughters-	16	7,682	4.9	373
Born, 5-12-38; proved, 2-27-48;----; Minn.	7 daughters--	10	7,882	4.8	377
Sire, 198142; dam, 374232.	7 dams-------	25	8,482	4.7	398
Herd Owner, Spruce Shadows Farm, Minneapolis.	Difference---	(2-5-2)	-600	+.1	-21
CARLO OF HICKORY GROVE 264690----------	18 daughters-	27	9,397	5.0	471
Born, 4-2-38; proved, 2-3-48;----; Mich.	14 daughters-	23	9,471	5.1	480
Sire, 220140; dam, 395589.	14 dams------	38	8,124	5.2	419
Herd Owner, Elton & J. Roy Smith, Caledonia.	Difference---	(10-4-11)	+1,347	-.1	+61
CATAMOUNT ROYAL RIDER 249191----------	6 daughters--	12	6,474	5.0	323
Born, 4-26-37; proved, 2-2-48;----; N. H.	6 dams-------	24	7,976	4.8	382
Sire, 214096; dam, 296038.	Difference---	(1-5-2)	-1,502	+.2	-59
Herd Owner, Fred W. Friend, Laconia.					
CHEDCO HECTOR 265164----------	6 daughters--	9	7,320	4.8	354
Born, 6-27-38; proved, 2-3-48;----; Wis.	6 dams-------	13	7,578	4.9	373
Sire, 241118; dam, 472019.	Difference---	(2-3-2)	-258	-.1	-19
Herd Owner, A. P. Andree & Sons, Ogema.					
CLEARFIELD PRINCE 270892----------	9 daughters--	17	8,004	5.2	412
Born, 9-19-38; proved, 2-27-48;----; W. Va.	6 daughters--	8	7,708	5.3	407
Sire, 226549; dam, 266028.	6 dams-------	15	9,024	4.6	411
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(2-6-2)	-1,316	+.7	-4
CREAMERY KING OF SUNSET RIDGE 257654----------	5 daughters--	18	8,609	5.0	434
Born, 11-27-37; proved, 2-3-48;----; Mich.	5 dams-------	16	8,465	4.5	379
Sire, 204627; dam, 407453.	Difference---	(3-3-4)	+144	+.5	+55
Herd Owner, Ralph L. Johnson, Constantine.					
ETH-MEAD IVY'S FOREMAN 250855----------	7 daughters--	13	8,946	4.7	419
Born, 3-28-37; proved, 2-6-48;----; Mich.	7 dams-------	25	8,161	4.8	391
Sire, 189819; dam, 248960.	Difference---	(5-3-3)	+785	-.1	+28
Herd Owner, Joseph Lowery, Saline.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FANETTA 4TH'S SIR HERBERT 256875----------	5 daughters--	10	6,977	4.8	335
Born, 7-15-36; proved, 2-3-48;----; Mich.	5 dams-------	11	6,416	4.8	305
Sire, 203125; dam, 374334.	Difference---	(3-4-3)	+561	.0	+30
Herd Owner, Harry Baumunk & Son, Big Rapids.					
FOREMOST COMMENTATOR 245771----------	21 daughters-	34	7,066	5.1	361
Born, 8-1-36; proved, 2-27-48;----; Ill.	10 daughters-	17	7,053	4.9	347
Sire, 211205; dam, 356682.	10 dams------	25	6,905	4.6	319
Herd Owner, Midvale Guernsey Farm, Moline.	Difference---	(5-10-6)	+148	+.3	+28
FOSTER ROYAL JUNO 259759----------	8 daughters--	16	8,973	4.6	410
Born, 4-22-36; proved, 2-3-48;----; Mich.	6 daughters--	12	8,876	4.5	400
Sire, 211793; dam, 357901.	6 dams-------	25	8,142	4.6	372
Herd Owner, George A. Clouse, Hastings.	Difference---	(5-2-5)	+734	-.1	+28
FRANCHESTER SHAH 265781----------	12 daughters-	17	7,034	4.9	348
Born, 1-4-38; proved, 2-27-48;----; Pa.	10 daughters-	13	7,140	4.8	346
Sire, 97043; dam, 248794.	10 dams------	30	8,592	4.5	385
Herd Owner, Bethany Homestead Farms, Honesdale.	Difference---	(3-8-2)	-1,452	+.3	-39
FRANCHESTER SHAMROCK 256616----------	9 daughters--	14	7,469	4.7	354
Born, 7-28-37; proved, 2-27-48;----; Pa.	8 daughters--	12	7,263	4.6	337
Sire, 97043; dam, 367800.	8 dams-------	14	8,136	4.9	396
Herd Owner, T. M. Cannon, Sharpsville.	Difference---	(2-3-1)	-873	-.3	-59
FRIENDSHIP CLIMAX'S SOVEREIGN 245395----------	20 daughters-	28	7,388	5.1	380
Born, 12-15-32; proved, 2-3-48;----; N. Y.	17 daughters-	22	7,128	5.2	373
Sire, 146507; dam, 314132.	17 dams------	51	7,717	5.1	395
Herd Owner, G. B. Richards & Son, Perry.	Difference---	(7-10-6)	-589	+.1	-22
GOLD KING OF MERCER 287332----------	8 daughters--	11	7,684	4.8	372
Born, 5-14-40; proved, 2-3-48;----; N. J.	7 daughters--	10	7,362	5.0	368
Sire, 207483; dam, 528720.	7 dams------	28	8,209	4.7	388
Herd Owner, H. S. Baker & Son, Pennington.	Difference---	(2-6-2)	-847	+.3	-20
GRAFTON'S PIONEER 228879----------	15 daughters-	16	7,237	5.0	361
Born, 4-28-35; proved, 2-6-48; alive; Vt.	5 daughters--	6	6,981	4.8	336
Sire, 67827; dam, 164963.	5 dams-------	8	6,599	4.9	322
Herd Owner, Vern B. Savery, Williamstown.	Difference---	(4-2-3)	+382	-.1	+14
GRASSLAND GENE 265120----------	13 daughters-	21	7,424	4.5	333
Born, 8-22-38; proved, 2-27-48;----; Conn.	13 dams------	40	7,146	4.6	328
Sire, 245753; dam, 441119.	Difference---	(6-7-5)	+278	-.1	+ 5
Herd Owner, Lathrop Brothers, Plainfield.					
GRASSLAND VOLTAIRE 248789----------	11 daughters-	19	10,315	4.3	442
Born, 3-23-37; proved, 2-13-48;----; Conn.	9 daughters--	15	10,370	4.2	436
Sire, 98473; dam, 356560.	9 dams-------	30	9,154	4.8	443
Herd Owner, Tudor F. Holcomb, West Granby.	Difference---	(7-1-4)	+1,216	-.6	-7
HADDON'S PATRICK 265103----------	11 daughters-	14	7,249	5.0	364
Born, 4-28-38; proved, 2-10-48;----; N. J.	9 daughters--	12	7,267	5.0	362
Sire, 241813; dam, 394137.	9 dams-------	29	8,289	4.8	399
Herd Owner, Louis Pinzka, Mickleton.	Difference---	(4-7-4)	-1,022	+.2	-37
HALLIE'S GEORGE WASHINGTON 260362----------	32 daughters-	52	6,300	4.8	304
Born, 1-26-38; proved, 2-27-48;----; Va.	22 daughters-	36	6,351	4.8	305
Sire, 232520; dam, 426883.	22 dams------	54	6,992	5.0	347
Herd Owner, W. C. Lester, Amelia.	Difference---	(6-8-6)	-641	-.2	-42
HARRY JOE 264911----------	11 daughters-	16	6,979	4.6	319
Born, 7-29-36; proved, 2-6-48; dead; W. Va.	10 daughters-	15	6,992	4.6	323
Sire, 206628; dam, 414445.	10 dams------	35	7,066	4.6	324
Herd Owner, W. Va. School for Deaf & Blind, Romney.	Difference---	(4-5-4)	-74	.0	-1
HEWESHURST'S MAPLE LANE'S FROLIC 254848----------	23 daughters-	40	7,028	5.3	369
Born, 8-23-37; proved, 2-27-48;----; N. Y.	21 daughters-	37	6,848	5.3	363
Sire, 237497; dam, 447556.	21 dams------	77	7,310	5.5	399
Herd Owner, Heweshurst Farms, Mayville.	Difference---	(7-8-6)	-462	-.2	-36
HOMESTEAD CHEER 246531----------	16 daughters-	33	4,631	5.1	234
Born, 9-23-36; proved, 2-10-48;----; Pa.	9 daughters--	16	4,410	5.0	220
Sire, 206270; dam, 390106.	9 dams-------	28	7,021	4.5	313
Herd Owner, Hayes Lindsey, Oxford.	Difference---	(1-8-0)	-2,611	+.5	-93
HOPE'S SON 301889----------	10 daughters-	14	8,044	5.0	399
Born, 12-18-40; proved, 2-27-48;----; Md.	9 daughters--	13	7,904	4.9	389
Sire, 258443; dam, 299701.	9 dams-------	36	7,885	4.8	376
Herd Owner, Eugene E. England, North East.	Difference---	(4-6-5)	+19	+.1	+13
KING EDWARD OF GUERN-ZALEE 249238----------	10 daughters-	29	8,297	4.9	405
Born, 3-5-36; proved, 2-10-48;----; Pa.	5 daughters--	16	8,747	4.7	415
Sire, 211722; dam, 354073.	5 dams-------	14	7,110	5.1	360
Herd Owner, Harper K. McCullough, Newville.	Difference---	(5-2-4)	+1,637	-.4	+55

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LAUREL LOCKS GENERAL 250325----------	17 daughters-	32	6,671	5.3	354
Born, 8-8-36; proved, 2-6-48;----; Pa.	5 daughters--	10	7,363	5.4	394
Sire, 216236; dam, 399143.	5 dams-------	6	7,578	4.8	365
Herd Owner, Laurel Locks Farms, Pottstown.	Difference---	(3-3-4)	-215	+.6	+29
LAWGUERN STEADFAST 303491----------	10 daughters-	12	10,103	4.2	426
Born, 12-6-40; proved, 2-27-48;----; Minn.	6 daughters--	7	11,109	4.1	454
Sire, 231275; dam, 431335.	6 dams-------	8	9,293	4.3	396
Herd Owner, Clinton J. Law, Mankato.	Difference---	(4-1-3)	+1,816	-.2	+58
LEA LORD VALONET 256784----------	7 daughters--	10	5,661	4.7	265
Born, 11-28-37; proved, 2-3-48;----; Conn.	6 daughters--	8	5,785	4.7	274
Sire, 98473; dam, 440876.	6 dams-------	13	6,506	5.0	323
Herd Owner, Clover Hill Farm, Torrington.	Difference---	(2-1-2)	-721	-.3	-49
LOCKSHORE GOLDEN BRONZE 265335----------	8 daughters--	13	5,596	4.8	269
Born, 8-27-38; proved, 2-10-48; dead; Mich.	6 daughters--	10	5,514	4.8	262
Sire, 194628; dam, 302736.	6 dams-------	15	7,833	4.2	331
Herd Owner, Verne Eppard, Freesoil.	Difference---	(0-5-0)	-2,319	+.6	-69
LOCKSHORE SILENT JIM 254066----------	5 daughters--	8	8,462	4.9	417
Born, 5-27-37; proved, 2-3-48;----; Mich.	5 dams-------	10	8,125	5.6	455
Sire, 230516; dam, 380580.	Difference---	(3-0-2)	+337	-.7	-38
Herd Owner, Otto Gilmore, Camden.					
MAPLE LANE VALENTINE STEADFAST 265948----------	20 daughters-	34	8,151	4.9	403
Born, 5-17-38; proved, 2-18-48;----; Minn.	19 daughters-	33	8,187	4.9	405
Sire, 237497; dam, 463943.	19 dams------	71	8,010	4.7	376
Herd Owner, J. H. & John R. Nahrgang, Lewiston.	Difference---	(8-14-9)	+177	+.2	+29
MEADOW BROOK'S PILOT 257048----------	10 daughters-	20	6,008	4.7	281
Born, 8-28-37; proved, 2-6-48;----; Pa.	5 daughters--	9	5,949	4.5	266
Sire, 214299; dam, 463255.	5 dams-------	14	8,152	4.6	379
Herd Owner, Carl Urey, Grove City.	Difference---	(1-1-1)	-2,203	-.1	-113
MIDVIEW'S RAIDER 267579----------	14 daughters-	21	7,766	4.8	372
Born, 9-15-38; proved, 2-6-48; alive; Va.	12 daughters-	18	7,814	4.8	376
Sire, 159163; dam, 564885.	12 dams------	31	8,728	4.7	412
Herd Owner, Rosegill Farm, Urbanna.	Difference---	(4-8-4)	-914	+.1	-36
PANSY'S EASTERN KING 256274----------	14 daughters-	31	8,477	4.5	383
Born, 1-24-37; proved, 2-3-48; dead; Ariz.	9 daughters--	21	8,653	4.5	394
Sire, 195596; dam, 412713.	9 dams-------	48	8,192	4.7	383
Herd Owner, Shamrock Dairy, Tucson.	Difference---	(6-4-4)	+461	-.2	+11
PROSON 258443 *10----------	15 daughters-	33	7,992	4.9	388
Born, 1-23-38; proved, 2-9-48;----; Md.	13 daughters-	28	8,149	4.9	397
Sire, 216093; dam, 349053.	13 dams------	49	7,952	4.6	366
Used in Southeastern Pennsylvania Co-op. A. B. A., Pa.	Difference---	(8-10-10)	+197	+.3	+31
RIVEREDGE FRANCOIS' NED 264207----------	22 daughters-	34	7,005	4.9	340
Born, 3-11-38; proved, 2-3-48;alive ; Pa.	6 daughters--	10	6,839	5.0	342
Sire, 231919; dam, 330691.	6 dams-------	10	6,643	4.7	314
Herd Owner, Warner's Boroside Farms, Red Lion.	Difference---	(3-5-3)	+196	+.3	+28
ROSIE'S MAJOR 257074----------	7 daughters--	14	6,272	4.7	293
Born, 10-1-37; proved, 2-3-48;----; Pa.	6 daughters--	13	5,927	4.8	285
Sire, 223503; dam, 460774.	6 dams-------	18	6,859	5.2	354
Herd Owner, William G. Stuff, Mercersburg.	Difference---	(1-0-1)	-932	-.4	-69
STERLING EUGENE LARRY 265650----------	9 daughters--	21	7,490	4.7	351
Born, 11-13-37; proved, 2-3-48; dead; Pa.	9 dams-------	38	8,208	4.4	364
Sire, 200374; dam, 368705.	Difference---	(2-6-4)	-718	+.3	-13
Herd Owner, C. W. Carpenter, Clarks Summit.					
TARBELL FARMS PEERLESS MAXIMUS 295390----------	15 daughters-	20	8,056	4.6	371
Born, 10-17-40; proved, 2-27-48;----; Pa.	13 daughters-	18	8,055	4.6	374
Sire, 214202; dam, 601899.	13 dams------	50	7,758	4.8	369
Used in Nepa Co-op. A. B. A.	Difference---	(7-6-7)	+297	-.2	+5
TENSE OF ORE HILL 246849----------	12 daughters-	24	7,153	4.7	339
Born, 12-20-36; proved, 2-27-48;----; Iowa.	7 daughters--	15	7,308	4.7	342
Sire, 211439; dam, 466890.	7 dams-------	14	7,181	4.5	321
Herd Owner, Schmidt & Larson, Elkader.	Difference---	(4-6-6)	+127	+.2	+21
U. V. M. RADIANT 256795----------	11 daughters-	16	7,125	4.7	332
Born, 11-27-37; proved, 2-27-48;----; Vt.	8 daughters--	12	7,585	4.7	353
Sire, 230720; dam, 452012.	8 dams-------	27	7,304	4.8	348
Herd Owner, F. H. Abbott, Burlington.	Difference---	(6-4-6)	+281	-.1	+5
VALLEYWOOD HERCULES 246925----------	22 daughters-	33	5,654	5.2	293
Born, 9-25-36; proved, 2-6-48;----; Pa.	20 daughters-	30	5,606	5.2	290
Sire, 135201; dam, 208752.	20 dams------	67	6,142	5.0	310
Herd Owner, Konhaus Farms, Mechanicsburg.	Difference---	(8-12-8)	-536	+.2	-20

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WESTBROOK'S MILANE 265576----------	6 daughters--	17	6,467	4.6	299
Born, 7-23-37; proved, 2-6-48;----; Pa.	6 dams-------	31	6,593	4.7	308
Sire, 213066; dam, 393128.	Difference---	(4-3-3)	-126	-.1	-9
Herd Owner, W. Clayton Jester, Biglerville.					
WESTMORELAND CYRIL'S PRIZE 258382----------	11 daughters-	25	7,948	4.7	377
Born, 1-15-38; proved, 2-3-48;----; Pa.	10 daughters-	23	7,775	4.7	368
Sire, 213695; dam, 313040.	10 dams------	44	8,559	4.9	417
Herd Owner, Westmoreland Homesteads, Norvelt.	Difference---	(2-4-3)	-784	-.2	-49
WHITCOMB'S NOBLE MASTERPIECE 207241----------	24 daughters-	59	7,440	4.8	360
Born, 12-17-32; proved, 2-9-48;----; Vt.	15 daughters-	31	7,858	4.8	376
Sire, 143404; dam, 260166.	15 dams------	78	7,524	4.8	361
Herd Owner, Charles L. Reed, Vergennes.	Difference---	(10-8-9)	+334	.0	+15
13*166227 (BANGS OR TB EARTAG)----------	10 daughters-	13	5,592	4.6	255
Born, ----; proved, 2-6-48;----; Vt.	6 daughters--	8	5,629	4.6	259
Sire, ----; dam, ----.	6 dams-------	11	5,592	4.4	246
Herd Owner, T. Raymond Clark, East Montpelier.	Difference---	(2-4-3)	+37	+.2	+13
21-D4648 (DHIA EARTAG)----------	17 daughters-	36	8,678	4.8	417
Born, ----; proved, 2-4-48;----; N. Y.	5 daughters--	10	8,700	4.9	425
Sire, ----; dam, ----.	5 dams-------	10	8,047	4.7	381
Herd Owner, Kirkside Dairy, Roxbury.	Difference---	(3-4-4)	+653	+.2	+44
23-P6792 (DHIA EARTAG)----------	6 daughters--	7	6,320	4.5	283
Born, ----; proved, 2-6-48;----; Pa.	5 daughters--	5	6,478	4.4	286
Sire, ----; dam, ----.	5 dams-------	9	6,259	4.7	291
Herd Owner, Howard Yost, Wattsburg.	Difference---	(1-2-2)	+219	-.3	-5
23*AT43335 (BANGS OR TB EARTAG)----------	12 daughters-	26	7,103	5.0	353
Born, ----; proved, 2-6-48; dead; Md.	7 daughters--	14	6,930	5.0	350
Sire, ----; dam, ----.	7 dams-------	10	6,848	4.4	304
Herd Owner, Hoffeditz & Powell, Hagerstown.	Difference---	(5-7-5)	+82	+.6	+46
35*EC67828 (BANGS OR TB EARTAG)----------	8 daughters--	11	6,743	4.8	323
Born, ----; proved, 2-2-48;----; Wis.	6 daughters--	7	6,923	4.8	335
Sire, ----; dam, ----.	6 dams-------	10	5,691	4.4	253
Herd Owner, Julius M. Amundson, Jr., Blair.	Difference---	(5-5-5)	+1,232	+.4	+82
HOLSTEIN SIRES					
AADLINE COLANTHA 821293----------	12 daughters-	14	15,103	3.4	507
Born, 2-10-41; proved, 2-27-48;----; Iowa.	12 dams------	35	14,297	3.4	483
Sire, 732196; dam, 1826051.	Difference---	(9-7-9)	+806	.0	+24
Herd Owner, Ralph H. Walker & Son, Swea City.					
ADMIRAL BEAUTY DELLA 789540----------	14 daughters-	14	8,430	3.7	309
Born, 11-5-39; proved, 2-6-48;----; Wis.	14 dams------	46	8,433	3.6	306
Sire, 718867; dam, 1741515.	Difference---	(6-7-7)	-3	+.1	+3
Herd Owner, Albert Koenig, Fond du Lac.					
ADSON PIEBE FAYNE 814950----------	9 daughters--	20	8,225	3.7	302
Born, 8-14-40; proved, 2-27-48;----; Ill.	6 daughters--	13	8,400	3.7	308
Sire, 726578; dam, 1932614.	6 dams-------	15	8,052	3.4	273
Herd Owner, J. B. Heimann, Trenton.	Difference---	(3-5-3)	+348	+.3	+35
AMES PONTIAC JUDGE 815202----------	13 daughters-	18	11,651	3.7	431
Born, 1-28-40; proved, 2-5-48;----; Iowa.	9 daughters--	12	12,269	3.7	453
Sire, 702489; dam, 1853282.	9 dams-------	26	12,254	3.4	420
Herd Owner, Iowa State College Dairy Farm, Ames.	Difference---	(4-8-6)	+15	+.3	+33
BAKER FARM WALKER LADEN 828758----------	5 daughters--	6	12,269	3.8	463
Born, 2-25-41; proved, 2-13-48;----; Mass.	5 dams-------	14	12,177	3.6	434
Sire, 608348; dam, 1865606.	Difference---	(3-4-3)	+92	+.2	+29
Used in Massachusetts A. B. A.					
BELLE CREST DEAN FOBES 799361 *(May 1947)----------	12 daughters-	18	12,402	3.6	444
Born, 6-9-40; proved, 2-10-48;----; Pa.	10 daughters-	15	12,139	3.5	430
Sire, 769435; dam, 1855556.	10 dams------	46	11,393	3.5	400
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(8-5-9)	+746	.0	+30
BELLE CREST KENT JIM 799358----------	10 daughters-	15	12,147	3.6	435
Born, 4-10-40; proved, 2-2-48;----; N. J.	8 daughters--	13	13,041	3.6	469
Sire, 611511; dam, 1466227.	8 dams-------	33	12,740	3.4	437
Herd Owner, Joseph Link, Sussex.	Difference---	(4-7-5)	+301	+.2	+32
BELLE-GRANT DAD REX 871121----------	6 daughters--	6	13,395	3.9	521
Born, 4-18-42; proved, 2-27-48;----; Mich.	6 dams-------	6	16,100	3.4	551
Sire, 726392; dam, 1469805.	Difference---	(0-6-2)	-2,705	+.5	-30
Herd Owner, J. H. & R. D. Chamberlain, Leslie.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BLUEBIRD BELMONT ORMSBY 814809----------	10 daughters-	14	10,358	3.4	353
Born, 12-14-40; proved, 2-2-48;----; Wis.	10 dams------	40	9,893	3.3	323
Sire, 790614; dam, 1715340.	Difference---	(5-9-6)	+465	+.1	+30
Herd Owner, Louis H. Grosse & Son, Rosendale.					
BONNER RAG APPLE CHIEFTAIN 854685----------	5 daughters--	6	10,137	3.6	367
Born, 8-24-41; proved, 2-27-48;----; Wis.	5 dams-------	9	9,620	3.3	319
Sire, 781492; dam, 1790631.	Difference---	(2-5-2)	+517	+.3	+48
Herd Owner, Bonner Brothers, Kansasville.					
BRIARKILL BLEND SEGIS 850267----------	8 daughters--	9	11,903	3.3	395
Born, 7-21-41; proved, 2-27-48;----; N. Y.	7 daughters--	8	11,919	3.3	397
Sire, 776652; dam, 1853085.	7 dams-------	26	12,211	3.5	429
Herd Owner, Albert S. Myers, Kerhonkson.	Difference---	(3-1-2)	-292	-.2	-32
BRIGHTON LAKE SIR DANDY 815117----------	12 daughters-	17	11,010	3.6	394
Born, 11-15-40; proved, 2-27-48;----; N. J.	8 daughters--	11	10,888	3.7	400
Sire, 767403; dam, 1734199.	8 dams-------	22	9,879	3.7	362
Herd Owner, Mrs. Elmer E. Walker, Blairstown.	Difference---	(5-4-5)	+1,009	.0	+38
BURKE ORMSBY COLANTHA LAD 717155----------	7 daughters--	21	12,652	3.3	421
Born, 9-28-35; proved, 2-10-48; dead; N. Y.	7 dams-------	26	12,576	3.3	414
Sire, 662569; dam, 1253778.	Difference---	(5-6-4)	+76	.0	+7
Herd Owner, William A. Ashford, Lyons.					
BURRILANE BLACKIE INKA ROMEO 813263----------	6 daughters--	8	14,764	3.5	511
Born, 7-7-40; proved, 2-3-48; dead; Idaho.	6 dams-------	16	14,447	3.2	469
Sire, 711109; dam, 2090894.	Difference---	(3-4-4)	+317	+.3	+42
Herd Owner, George L. Burri, Nampa.					
CALAMITY FOBES LIBERTY PROMOTER 824335----------	6 daughters--	7	11,252	4.3	481
Born, 3-19-41; proved, 2-9-48; alive; Pa.	6 dams-------	18	13,113	3.8	494
Sire, 741334; dam, 1531042.	Difference---	(1-6-2)	-1,861	+.5	-13
Used in Nepa Co-op. A. B. A.					
CARNATION MAJESTY 771582 *11----------	20 daughters-	34	11,537	3.9	445
Born, 12-5-38; proved, 2-13-48;----; Iowa.	19 daughters-	31	11,656	3.8	448
Sire, 629472; dam, 1742905.	19 dams------	56	12,077	3.7	446
Herd Owner, Everett Sheets, Britt.	Difference---	(9-15-8)	-421	+.1	+2
CHERRYBOLD ADMIRAL JERRY 796228----------	7 daughters--	9	10,105	3.6	363
Born, 11-30-39; proved, 2-4-48;----; Wis.	5 daughters--	7	9,345	3.5	330
Sire, 676723; dam, 1519579.	5 dams-------	12	10,671	3.5	372
Herd Owner, Gustave Suemnicht, Chilton.	Difference---	(2-3-2)	-1,326	.0	-42
CHIEF PIEBE COUNT GERB COLAN ONA 746074 *(Apr. 1947)------	18 daughters-	51	14,733	3.5	517
Born, 10-24-36; proved, 2-10-48;----; Pa.	16 daughters-	44	14,886	3.5	523
Sire, 444088; dam, 1573173.	16 dams------	78	14,874	3.5	517
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(7-9-10)	+12	.0	+6
CHIEF PIEBE COUNT GERBEN COLAN HERO 763711 *11----------	18 daughters-	23	10,054	3.5	355
Born, 10-30-37; proved, 2-3-48;----; Va.	13 daughters-	15	9,908	3.6	356
Sire, 444088; dam, 1610797.	13 dams------	32	10,297	3.5	358
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(4-10-6)	-389	+.1	-2
CHIEF PIEBE NINE-O-FIVE GERB COLA W S 820752 *(Aug. 1947)-	41 daughters-	43	10,419	3.6	379
Born, 11-30-40; proved, 2-27-48;----; N. Y.	28 daughters-	29	10,529	3.6	375
Sire, 444088; dam, 1641655.	28 dams------	72	11,245	3.4	384
Used in New York Co-op. A. B. A.	Difference---	(7-20-12)	-716	+.2	-9
CHIEF PIEBE PRIDE GERB-COLAN 826710 *(July 1947)----------	16 daughters-	18	11,978	3.6	429
Born, 1-26-41; proved, 2-27-48;----; N. Y.	15 daughters-	17	12,074	3.6	431
Sire, 444088; dam, 1493661.	15 dams------	41	12,298	3.6	437
Used in New York Co-op. A. B. A.	Difference---	(6-8-9)	-224	.0	-6
CHIEF PIEBE PRI-GERB COLAN J 776442 *(Apr. 1947)----------	18 daughters-	20	8,494	3.7	315
Born, 8-9-38; proved, 2-9-48;----; Va.	14 daughters-	16	8,671	3.6	313
Sire, 444088; dam, 1459559.	14 dams------	51	9,889	3.6	354
Herd Owner, D. C. Work House, Occoquan.	Difference---	(4-9-4)	-1,218	.0	-41
CHIEFTAIN ORMSBY FOBES 832727----------	6 daughters--	6	11,407	3.9	444
Born, 9-21-41; proved, 2-4-48;----; N. Y.	6 dams-------	11	12,240	3.4	412
Sire, 695631; dam, 2145523.	Difference---	(2-6-4)	-833	+.5	+32
Herd Owner, Glen Lawrence, Corfu.					
CHIEFTAIN TENTH COLANTHA 838880----------	22 daughters-	25	11,720	3.6	427
Born, 3-16-41; proved, 2-27-48;----; Ill.	18 daughters-	20	11,764	3.7	432
Sire, 792389; dam, 1753538.	18 dams------	64	11,460	3.7	427
Used in Northern Illinois Holstein A. B. A.	Difference---	(10-9-10)	+304	.0	+5
CLOVER LAWN INKA SIR CRUSADER PLUS (TWIN) 843679----------	5 daughters--	5	13,786	3.7	504
Born, 1-12-42; proved, 2-27-48;----; Wis.	5 dams-------	15	11,241	3.5	396
Sire, 755247; dam, 1816747.	Difference---	(4-4-4)	+2,545	+.2	+108
Herd Owner, Otto C. Neumann, Adell.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CLOVER LAWN PET SIR PIETERTJE 795164----------	21 daughters-	25	11,608	3.7	427
Born, 12-5-39; proved, 2-27-48;----; Wis.	18 daughters-	22	12,225	3.7	450
Sire, 697371; dam, 1913790.	18 dams------	51	11,485	3.4	392
Herd Owner, Reinhold F. Zimmerman, Fox Lake.	Difference---	(12-12-12)	+740	+.3	+58
CLOVE VALLEY BUTTER BOY 787323 *(July 1947)----------	23 daughters-	41	11,564	3.3	387
Born, 9-27-39; proved, 2-27-48;----; N. Y.	21 daughters-	39	11,714	3.4	393
Sire, 764576; dam, 1598977.	21 dams------	77	11,700	3.4	399
Used in New York Co-op. A. B. A.	Difference---	(12-7-12)	+14	.0	-6
COLONY FAFORIT SIR HEILO 834914----------	10 daughters-	10	13,625	3.3	451
Born, 12-23-40; proved, 2-4-48; dead; Ohio.	10 dams------	33	11,742	3.4	402
Sire, 467933; dam, 284396 CHB.	Difference---	(8-3-8)	+1,883	-.1	+49
Herd Owner, Grafton State Farm, Grafton.					
COLONY GREBEGGA ROMEO SIR HEILO 824237 *11----------	12 daughters-	19	11,970	3.5	415
Born, 12-6-39; proved, 2-11-48; alive; Minn.	11 daughters-	18	12,237	3.5	425
Sire, 66155 CHB; dam, 279686 CHB.	11 dams------	28	10,685	3.6	380
Herd Owner, A. L. Radke, Owatonna.	Difference---	(8-8-7)	+1,552	-.1	+45
COMMONWEALTH BEN 798406----------	10 daughters-	14	10,904	3.3	364
Born, 12-20-39; proved, 2-5-48; dead; Ky.	9 daughters--	13	11,074	3.3	370
Sire, 681845; dam, 1913385.	9 dams-------	28	9,692	3.3	321
Herd Owner, Eisen Brothers, California.	Difference---	(8-6-8)	+1,382	.0	+49
COR-SHIR LUCKY 815100----------	5 daughters--	10	9,888	3.4	338
Born, 3-3-40; proved, 2-27-48;----; N. Y.	5 dams-------	13	10,481	3.3	345
Sire, 738468; dam, 1421168.	Difference---	(3-5-3)	-593	+.1	-7
Herd Owner, Fred S. Hollenbeck, Tully.					
DAYTONIA ADMIRAL ORMSBY BANKER 830399----------	6 daughters--	6	11,027	3.5	384
Born, 5-30-41; proved, 2-27-48;----; Pa.	6 dams-------	24	11,668	3.5	404
Sire, 743726; dam, 1790536.	Difference---	(2-4-3)	-641	.0	-20
Herd Owner, Harry J. Lawrence, Hallstead.					
DEAN OF ERMVALE 790306----------	11 daughters-	13	12,942	3.7	475
Born, 9-23-39; proved, 2-3-48;----; Minn.	9 daughters--	11	13,283	3.7	490
Sire, 745234; dam, 1735492.	9 dams-------	23	12,052	3.6	433
Herd Owner, Henry E. Lippmann, Gibbon.	Difference---	(7-5-7)	+1,231	+.1	+57
DEAN ORMSBY MAY INKA 737785----------	22 daughters-	49	13,032	3.7	480
Born, 2-16-37; proved, 2-3-48; dead; N. Y.	9 daughters--	17	12,021	3.7	440
Sire, 709439; dam, 1698044.	9 dams-------	19	11,937	3.5	419
Herd Owner, I. W. Scott & Sons, Hamilton.	Difference---	(6-6-7)	+84	+.2	+21
DEXTER FOBES ORMSBY SENSATION 726619----------	9 daughters--	23	11,281	3.4	387
Born, 10-8-35; proved, 2-2-48; dead; Calif.	7 daughters--	19	11,160	3.4	380
Sire, 514213; dam, 1388988.	7 dams-------	8	11,795	3.5	419
Herd Owner, Patterson Ranch Co., Patterson.	Difference---	(2-3-2)	-635	-.1	-39
DICK LAKEFIELD ONA HOMESTEAD 815030 *11----------	16 daughters-	25	13,085	3.6	474
Born, 7-28-40; proved, 2-13-48;----; Pa.	15 daughters-	23	13,215	3.6	477
Sire, 698278; dam, 1720694.	15 dams------	48	12,408	3.4	428
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(7-14-8)	+807	+.2	+49
DOUGLAS FOBES SEGIS CANARY 818239----------	13 daughters-	18	12,931	3.5	448
Born, 10-30-40; proved, 2-9-48;----; Ill.	9 daughters--	12	12,645	3.5	437
Sire, 754053; dam, 1614609.	9 dams-------	14	11,487	3.4	395
Herd Owner, Sinnissippi Farm, Inc., Oregon.	Difference---	(7-6-8)	+1,158	+.1	+42
DUKE POSCH COMMANDER 853396----------	5 daughters--	6	11,021	3.5	381
Born, 6-3-41; proved, 2-27-48;----; N. Y.	5 dams-------	14	12,099	3.8	461
Sire, 767230; dam, 2061779.	Difference---	(1-1-1)	-1,078	-.3	-80
Herd Owner, Luther R. Bartlett, Norwood.					
DUNLOGGIN BELWIN FOBES 810675----------	22 daughters-	28	12,916	3.3	428
Born, 10-8-40; proved, 2-3-48; dead; Md.	12 daughters-	14	12,937	3.3	422
Sire, 771128; dam, 1953752.	12 dams------	23	13,112	3.3	436
Herd Owner, Russell S. Wachter, Keymar.	Difference---	(6-7-7)	-175	.0	-14
DUNLOGGIN MARKER 830593----------	11 daughters-	11	14,076	3.7	516
Born, 8-17-41; proved, 2-27-48;----; N. Y.	5 daughters--	5	14,384	3.7	532
Sire, 703318; dam, 1620339.	5 dams-------	11	15,062	3.5	524
Used in New York Co-op. A. B. A.	Difference---	(2-4-3)	-678	+.2	+8
DUNLOGGIN MASTER SPICE 829220----------	11 daughters-	13	12,021	3.6	436
Born, 7-29-41; proved, 2-27-48;----; N. Y.	7 daughters--	9	11,761	3.7	435
Sire, 667915; dam, 1575136.	7 dams-------	13	11,118	3.7	410
Used in New York Co-op. A. B. A.	Difference---	(5-4-5)	+643	.0	+25
ELMVALE INKA 790243----------	18 daughters-	33	11,646	3.3	388
Born, 10-22-39; proved, 2-27-48;----; N. Y.	10 daughters-	18	11,909	3.4	407
Sire, 658861; dam, 1662418.	10 dams------	18	11,891	3.4	402
Herd Owner, Perlia Short, Canajoharie.	Difference---	(4-8-5)	+18	.0	+5

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ELMWOOD ADMIRAL PRIDE BESS 801735----------	14 daughters-	14	9,991	3.5	354
Born, 1-30-40; proved, 2-3-48;----; Wis.	9 daughters--	9	10,277	3.6	366
Sire, 731747; dam, 2075973.	9 dams-------	19	12,264	3.5	425
Herd Owner, George H. Kruschke & Sons, New Richmond.	Difference---	(1-6-3)	-1,987	+.1	-59
EVERGREEN LANE ORMSBY NETHERLAND 825836----------	7 daughters--	9	10,537	3.5	367
Born, 4-28-40; proved, 2-27-48;----; Wis.	5 daughters--	6	10,639	3.4	359
Sire, 693222; dam, 2009148.	5 dams-------	27	11,031	3.5	387
Herd Owner, Armond F. Burhop, Grafton.	Difference---	(1-2-2)	-392	-.1	-28
EVERGREEN LUNDE 771602 *10----------	8 daughters--	21	10,467	3.7	386
Born, 11-26-38; proved, 2-27-48;----; N. Y.	8 dams-------	32	10,084	3.5	352
Sire, 676748; dam, 1859166.	Difference---	(6-8-6)	+383	+.2	+34
Used in New York Co-op. A. B. A.					
FEMCO DE LUXE 752584----------	24 daughters-	42	13,916	3.3	466
Born, 11-15-37; proved, 2-13-48; alive; Minn.	23 daughters-	39	13,936	3.3	466
Sire, 629473; dam, 1802812.	23 dams------	53	13,285	3.3	440
Herd Owner, University of Minnesota, St. Paul.	Difference---	(13-11-12)	+651	.0	+26
FOBES JOHANNA ALCARTRA 852176----------	8 daughters--	13	12,609	3.7	461
Born, 11-15-41; proved, 2-27-48;----; Iowa.	7 daughters--	11	12,613	3.7	464
Sire, 731137; dam, 1796800.	7 dams-------	24	12,223	3.5	431
Herd Owner, Meints & Freese, Steamboat Rock.	Difference---	(5-7-5)	+390	+.2	+33
FOBES WISCONSIN HOMESTEAD DELLA 818170----------	8 daughters--	9	12,442	3.6	445
Born, 9-8-40; proved, 2-16-48;----; Wis.	6 daughters--	7	13,108	3.5	457
Sire, 759814; dam, 1935522.	6 dams-------	18	11,968	3.4	410
Herd Owner, Paul J. Bast, Rockfield.	Difference---	(5-4-4)	+1,140	+.1	+47
FRAN LO PIETJE 815245----------	6 daughters--	6	12,479	3.7	465
Born, 3-28-40; proved, 2-5-48;----; Mich.	5 daughters--	5	11,758	3.8	442
Sire, 115646 CHB; dam, 2146408.	5 dams-------	8	12,380	3.5	439
Herd Owner, Raymond Kempf & Son, Fremont.	Difference---	(2-2-2)	-622	+.3	+3
GENODALE KERK ALFRED 823084----------	9 daughters--	10	10,058	3.6	362
Born, 11-18-40; proved, 2-27-48;----; N. Y.	7 daughters--	8	9,319	3.6	336
Sire, 689660; dam, 1999031.	7 dams-------	15	11,919	3.5	419
Herd Owner, Sherman Hurd, Almond.	Difference---	(1-5-2)	-2,600	+.1	-83
GENODALE LADY BOY DICTATOR 802697----------	9 daughters--	12	12,193	4.0	483
Born, 10-6-39; proved, 2-16-48; alive; N.Y.	9 dams-------	19	13,396	3.6	483
Sire, 644883; dam, 1802317.	Difference---	(3-9-5)	-1,203	+.4	0
Herd Owner, Ralph G. Space, Dryden.					
GENODALE ORMSBY DUTCH 823592----------	7 daughters--	11	13,161	3.4	444
Born, 1-2-41; proved, 2-27-48;----; N. Y.	6 daughters--	9	13,165	3.4	442
Sire, 748807; dam, 1909307.	6 dams-------	33	14,203	3.6	508
Herd Owner, Grant Goodrich, Tully.	Difference---	(1-2-1)	-1,038	-.2	-66
GENODALE WINTERTHUR NEPTUNE 837719 *(March 1947)----------	13 daughters-	18	14,721	3.7	543
Born, 10-5-41; proved, 2-25-48; dead; N. Y.	13 dams------	45	13,006	3.5	458
Sire, 671669; dam, 1861006.	Difference---	(11-10-11)	+1,715	+.2	+85
Herd Owner, Ernest C. Strobeck, Macedon.					
GE-WI-FO INKA ORMSBY (TWIN) 811178----------	16 daughters-	17	10,548	3.5	366
Born, 6-8-40; proved, 2-5-48;----; Mich.	10 daughters-	11	11,045	3.4	377
Sire, 743887; dam, 1583570.	10 dams------	21	10,107	3.3	331
Herd Owner, Grant Almas, Marlette.	Difference---	(8-7-7)	+938	+.1	+46
GOLDEN DAIRY POSCH INKA 781584----------	12 daughters-	13	14,239	3.5	491
Born, 9-30-38; proved, 2-27-48;----; Iowa.	11 daughters-	12	13,990	3.5	487
Sire, 734015; dam, 1792231.	11 dams------	30	10,307	3.7	380
Herd Owner, George Slater & Son, Olin.	Difference---	(10-3-10)	+3,683	-.2	+107
GRAHAMHOLM SIR WIMBLEDON 820959----------	8 daughters--	11	10,307	3.5	358
Born, 11-2-40; proved, 2-26-48;----; Minn.	7 daughters--	10	10,303	3.4	355
Sire, 763996; dam, 2029075.	7 dams-------	14	9,917	3.3	326
Herd Owner, Ewald J. Wilker, Owatonna.	Difference---	(4-6-5)	+386	+.1	+29
GREENWOOD DEAN MAJOR 864079----------	5 daughters--	5	9,610	3.5	339
Born, 1-18-42; proved, 2-9-48; alive; Pa.	5 dams-------	13	13,452	3.4	456
Sire, 769435; dam, 1752042.	Difference---	(1-5-1)	-3,842	+.1	-117
Used in Western Pennsylvania Co-op. A. B. A.					
GREENWOOD DEAN ORMSBY 836260 *(Feb. 1947)----------	14 daughters-	21	13,538	3.7	498
Born, 11-22-40; proved, 2-16-48;----; Ind.	13 daughters-	20	13,251	3.7	492
Sire, 769435; dam, 1693053.	13 dams------	47	13,787	3.7	508
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(6-9-7)	-536	.0	-16
HAMER CRUSADER POSCH (TWIN) 802760 *10----------	14 daughters-	23	10,846	3.4	373
Born, 2-28-39; proved, 2-4-48;----; Iowa.	14 dams------	61	12,129	3.6	431
Sire, 749574; dam, 1960373.	Difference---	(4-6-4)	-1,283	-.2	-58
Herd Owner, Harvey McFate, Wilton Junction.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HAMER JOHANNA PIETERTJE 853465----------	7 daughters--	7	13,827	3.5	478
Born, 11-18-41; proved, 2-4-48; alive; Iowa.	7 dams-------	24	12,736	3.5	445
Sire, 749574; dam, 2084324.	Difference---	(5-5-4)	+1,091	.0	+33
Herd Owner, Myron A. Johnson, Boone.					
HAMER PIETERTJE POSCH DE KOL 835399 *11----------	15 daughters-	24	12,728	3.7	465
Born, 11-19-40; proved, 2-4-48; alive; Iowa.	15 dams------	48	11,530	3.5	402
Sire, 749574; dam, 2156268.	Difference---	(11-12-13)	+1,198	+.2	+63
Used in Louisiana Co-op. A. B. A., La.					
HARTHOLM SIR DEWDROP B 909267----------	5 daughters--	5	12,013	3.6	427
Born, 12-1-42; proved, 2-2-48; alive; Iowa.	5 dams-------	11	12,109	3.6	430
Sire, 101771 CHB; dam, 394382 CHB.	Difference---	(3-3-3)	-96	.0	-3
Herd Owner, Sargent Brothers & Ewald Thiese, Strawberry Point.					
HIGHLAND HOMSTAFA BESS 790019----------	12 daughters-	18	13,465	3.4	452
Born, 2-21-39; proved, 2-11-48;----; Ill.	7 daughters--	10	13,138	3.4	446
Sire, 718878; dam, 1840891.	7 dams-------	24	12,452	3.4	424
Herd Owner, Raymond Wittenborn, Sparta.	Difference---	(4-5-4)	+686	.0	+22
HOSELY CASCADE JOE HOMESTEAD 8TH 823827----------	8 daughters--	9	11,247	3.7	418
Born, 1-26-41; proved, 2-27-48;----; Wis.	8 dams-------	15	13,078	3.5	455
Sire, 723295; dam, 1720163.	Difference---	(1-8-2)	-1,831	+.2	-37
Herd Owner, J. L. Norton & C. W. Bennett, Juda.					
H S F ORMSBY BOY 817744----------	28 daughters-	34	11,897	3.6	425
Born, 9-8-40; proved, 2-11-48; dead; N. Y.	22 daughters-	25	11,695	3.6	417
Sire, 775388; dam, 1598536.	22 dams------	49	12,617	3.5	439
Herd Owner, I. U. Scott & Sons, Hamilton.	Difference---	(7-16-7)	-922	+.1	-22
ILLIANNA BESSIE OLLIE PATRIARCH 823413----------	10 daughters-	14	13,266	3.5	463
Born, 11-13-40; proved, 2-27-48;----; Iowa.	9 daughters--	12	13,246	3.5	461
Sire, 777869; dam, 1522626.	9 dams-------	25	11,921	3.5	422
Herd Owner, N. V. Brenneman, Kalona.	Difference---	(7-4-7)	+1,325	.0	+39
JEFF-DALE RAG APPLE SNOW 824754----------	15 daughters-	21	10,366	3.4	348
Born, 6-15-39; proved, 2-27-48;----; N. Y.	12 daughters-	14	10,202	3.3	340
Sire, 111162 CHB; dam, 2201926.	12 dams------	34	10,532	3.4	362
Herd Owner, Gordon Tarbell Farm, Rushford.	Difference---	(4-6-3)	-330	-.1	-22
KARIOLE INKA LAD 807423----------	11 daughters-	17	12,071	3.4	411
Born, 12-26-36; proved, 2-4-48;----; Wis.	10 daughters-	16	12,195	3.4	410
Sire, 705177; dam, 1471098.	10 dams------	34	11,560	3.4	395
Herd Owner, C. S. Franklyn & Sons, Evansville.	Difference---	(7-5-6)	+635	.0	+15
KELCO PRILLY PIEBE KING 806354----------	13 daughters-	16	10,808	3.4	373
Born, 5-4-40; proved, 2-10-48;----; Pa.	9 daughters--	10	10,890	3.5	383
Sire, 760725; dam, 1715672.	9 dams-------	31	10,603	3.5	374
Herd Owner, Webster Wagner, Tamaqua.	Difference---	(5-5-4)	+287	.0	+9
KING ALBINO BESS POSCH 732603----------	15 daughters-	27	9,733	3.5	344
Born, 10-1-35; proved, 2-27-48;----; Ill.	13 daughters-	24	10,156	3.5	355
Sire, 675232; dam, 1359214.	13 dams------	35	10,272	3.6	368
Herd Owner, Raymond Buker, Oregon.	Difference---	(7-7-6)	-116	-.1	-13
KING BESSIE TRITOMIA MERCEDES 838841----------	8 daughters--	9	11,677	3.3	382
Born, 11-4-41; proved, 2-27-48;----; Iowa.	5 daughters--	6	11,996	3.3	392
Sire, 763846; dam, 1719044.	5 dams-------	11	12,201	3.1	375
Herd Owner, Herman Soderberg, Bancroft.	Difference---	(1-5-3)	-205	+.2	+17
KING BETHELDALE SPOFFORD DE KOL 827119----------	7 daughters--	10	10,111	3.6	360
Born, 3-21-40; proved, 2-27-48;----; Mich.	6 daughters--	9	10,231	3.5	360
Sire, 751746; dam, 2015249.	6 dams-------	17	10,882	3.5	381
Herd Owner, Frank H. Lessiter & Son, Lake Orion.	Difference---	(1-4-2)	-651	.0	-21
KING FOBES JACK 830027----------	8 daughters--	10	9,088	3.5	319
Born, 6-12-39; proved, 2-27-48;----; Wis.	7 daughters--	9	9,239	3.5	322
Sire, 712535; dam, 1742768.	7 dams-------	26	11,999	3.5	418
Herd Owner, Fay Carnes, Ft. Atkinson.	Difference---	(2-4-2)	-2,760	.0	-96
KING FOBINKA PONTIAC VEEMAN 825152----------	7 daughters--	8	12,906	3.6	459
Born, 12-16-40; proved, 2-26-48;----; N. Y.	7 dams-------	22	15,295	3.6	544
Sire, 677374; dam, 1859165.	Difference---	(1-4-1)	-2,389	.0	-85
Herd Owner, Stanley Bardwell, Tully.					
KING GREGORY ECO OULEOUT WALKER 838788----------	10 daughters-	14	10,450	3.3	347
Born, 6-1-39; proved, 2-27-48;----; N. Y.	5 daughters--	8	10,744	3.3	352
Sire, 722033; dam, 2278020.	5 dams-------	25	10,949	3.2	352
Herd Owner, Robert Rustan & Son, Oneonta.	Difference---	(2-2-1)	-205	+.1	0
KING KIESTER DUCHESS DE KOL 814084----------	14 daughters-	19	13,573	3.5	478
Born, 11-8-40; proved, 2-3-48;----; Wis.	14 dams------	39	13,419	3.4	462
Sire, 784929; dam, 1799895.	Difference---	(7-10-6)	+154	+.1	+16
Herd Owner, Becker Brothers, Hartford.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING LOS ROBLES WINNIE 850336----------	6 daughters--	7	13,377	3.7	500
Born, 1-23-42; proved, 2-26-48;----; Calif.	5 daughters--	6	13,974	3.7	516
Sire, 729643; dam, 1906935.	5 dams-------	5	10,383	4.4	459
Used in San Pasqual A. B. A., Inc.	Difference---	(5-0-3)	+3,591	-.7	+57
KING ORMSBY CARNATION INKA 828331----------	6 daughters--	7	12,234	3.3	399
Born, 3-26-41; proved, 2-27-48;----; Nebr.	6 dams-------	20	11,172	3.4	379
Sire, 559503; dam, 1642977.	Difference---	(4-3-4)	+1,062	-.1	+20
Herd Owner, State Board of Control, Lincoln.					
LAKEFIELD ORMSBY FOBES (TWIN) 800377----------	15 daughters-	21	11,539	3.5	402
Born, 1-17-40; proved, 2-2-48;----; Mich.	12 daughters-	18	11,593	3.5	401
Sire, 571699; dam, 1412125.	12 dams------	39	12,072	3.4	414
Herd Owner, Eugene Arms, Lapeer.	Difference---	(5-8-6)	-479	+.1	-13
LAUXMONT RAG APPLE BONDSMAN (TWIN) 749057 *10----------	21 daughters-	30	13,632	3.6	487
Born, 6-8-37; proved, 2-9-48;----; Pa.	15 daughters-	21	14,361	3.6	514
Sire, 695000; dam, 1652031.	15 dams------	57	13,796	3.5	477
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(9-12-10)	+565	+.1	+37
LENTH DEAN ORMSBY PERFECTION 795011----------	22 daughters-	35	13,401	3.6	476
Born, 9-15-39; proved, 2-9-48;----; Iowa.	19 daughters-	31	13,673	3.6	490
Sire, 541114; dam, 1754207.	19 dams------	83	12,385	3.4	416
Herd Owner, Forest F. Hamlett, Lamont.	Difference---	(16-16-17)	+1,288	+.2	+74
LEO KING BESSIE POSCH 777177 *11----------	9 daughters--	21	11,391	3.7	418
Born, 5-29-39; proved, 2-27-48;----; N. Y.	9 dams-------	36	12,016	3.5	420
Sire, 695524; dam, 1846628.	Difference---	(3-7-6)	-625	+.2	-2
Used in New York Co-op. A. B. A.					
LIEUTENANT KING BESSIE CARNATION 784231 *11----------	14 daughters-	17	13,671	3.9	534
Born, 8-3-39; proved, 2-27-48;----; N. Y.	14 dams------	30	12,597	3.5	441
Sire, 695524; dam, 1463166.	Difference---	(8-14-11)	+1,074	+.4	+93
Used in New York Co-op. A. B. A.					
LILAC HILL DICTATOR BESSIE FOBES 820636----------	9 daughters--	13	13,161	3.6	468
Born, 10-22-40; proved, 2-11-48;----; Ill.	7 daughters--	10	13,807	3.6	490
Sire, 759581; dam, 1881205.	7 dams-------	28	12,925	3.5	459
Herd Owner, Henry Wegener, Ingleside.	Difference---	(5-3-5)	+882	+.1	+31
LINARTIS MAN-O-WAR ROMULUS (TWIN) 823930----------	7 daughters--	12	9,666	3.4	325
Born, 11-11-40; proved, 2-27-48;----; Iowa.	5 daughters--	10	9,335	3.4	316
Sire, 745596; dam, 1991775.	5 dams-------	16	9,846	3.6	353
Herd Owner, Herman Karnatz & Son, New Hampton.	Difference---	(1-2-0)	-511	-.2	-37
L-JAICEE PAPOOSE STARLIGHT KING 796077----------	5 daughters--	6	11,276	3.7	413
Born, 8-3-39; proved, 2-4-48;----; Ind.	5 dams-------	23	12,206	3.9	474
Sire, 686750; dam, 1576159.	Difference---	(2-2-1)	-930	-.2	-61
Herd Owner, O. W. Brown & Son, Plainfield.					
LOS ROBLES CREAM CUP ORMSBY 855055----------	9 daughters--	9	12,375	3.7	460
Born, 3-9-42; proved, 2-27-48;----; Calif.	9 dams-------	30	11,532	3.6	417
Sire, 720947; dam, 1800633.	Difference---	(6-5-6)	+843	+.1	+43
Used in California Dairy A. B. A., Inc.					
LOS ROBLES ORMSBY GERBEN 814949----------	8 daughters--	12	15,496	3.4	522
Born, 11-5-40; proved, 2-27-48;----; Calif.	8 dams-------	17	14,402	3.3	482
Sire, 776515; dam, 2035355.	Difference---	(5-4-5)	+1,094	+.1	+40
Herd Owner, Wallace N. Lindskoog, Turlock.					
MAKIDA B B CREATOR KING 825625 *11----------	12 daughters-	18	10,740	3.8	408
Born, 4-11-40; proved, 2-11-48;----; Wis.	9 daughters--	13	10,414	3.8	399
Sire, 724675; dam, 1766571.	9 dams-------	37	11,286	3.5	397
Herd Owner, Lauritz Laursen, Union Grove.	Difference---	(4-7-6)	-872	+.3	+2
MAN-O-WAR POSCH MARATHON THAIN 750912----------	6 daughters--	7	12,361	3.6	448
Born, 1-26-37; proved, 2-13-48; alive; Idaho.	6 dams-------	26	12,135	3.4	415
Sire, 703290; dam, 1809418.	Difference---	(3-4-4)	+226	+.2	+33
Herd Owner, Dorrell Rogers, Dayton.					
MAR-WILL CREATOR BARBETTA 790759----------	12 daughters-	20	11,309	3.8	432
Born, 1-1-39; proved, 2-5-48;----; Iowa.	10 daughters-	17	11,287	3.8	425
Sire, 745302; dam, 1436204.	10 dams------	22	11,608	3.5	408
Herd Owner, Amana Society, High.	Difference---	(5-9-6)	-321	+.3	+17
MASSAEMET WATCHMAN HILDA ORMSBY (TWIN) 811968----------	7 daughters--	8	8,090	3.9	316
Born, 5-24-40; proved, 2-5-48;----; Mass.	7 dams-------	26	9,806	3.7	360
Sire, 718553; dam, 1167672.	Difference---	(1-6-1)	-1,716	+.2	-44
Herd Owner, Walter J. Davenport & Son, Shelburne Falls.					
MCCOL SIR FOBES EVERGREEN 820911----------	7 daughters--	8	10,609	3.5	372
Born, 1-1-41; proved, 2-16-48; dead; N. Y.	5 daughters--	5	10,586	3.6	379
Sire, 680802; dam, 1775379.	5 dams-------	27	9,593	3.8	366
Herd Owner, Carl Hakes, Albion.	Difference---	(4-1-3)	+993	-.2	+13

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MECCA MAC POSCH 821808----------	11 daughters-	16	13,273	3.7	495
Born, 1-3-41; proved, 2-16-48;----; N. Y.	9 daughters--	14	13,459	3.7	501
Sire, 730362; dam, 1807351.	9 dams-------	24	13,637	3.5	481
Herd Owner, Leland E. Button & Son, Canajoharie.	Difference---	(4-8-6)	-178	+.2	+20
MEIERKORD BILLY DOZY DEAN 821983----------	6 daughters--	8	12,174	3.3	403
Born, 1-30-41; proved, 2-11-48;----; Kans.	6 dams-------	19	11,388	3.5	395
Sire, 600230; dam, 1884496.	Difference---	(4-3-4)	+786	-.2	+8
Herd Owner, Lambert Young, Haddam.					
MEIERKORD TRIUNE PRIDE PAT 781635----------	8 daughters--	15	12,677	3.4	426
Born, 1-15-39; proved, 2-3-48; alive; Kans.	5 daughters--	10	11,749	3.4	401
Sire, 600230; dam, 1620570.	5 dams-------	19	11,840	3.4	403
Used in Louisana Co-op. A. B. A., La.	Difference---	(3-3-2)	-91	.0	-2
MERCEDES LAKEFIELD FOBES 853261----------	7 daughters--	7	11,455	3.6	409
Born, 3-5-42; proved, 2-17-48; dead; Pa.	6 daughters--	6	11,881	3.5	419
Sire, 584191; dam, 1900531.	6 dams-------	18	9,488	3.4	324
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(5-5-5)	+2,393	+.1	+95
M F SIR EDWIN TRANSMISSION 817328----------	6 daughters--	12	14,038	3.7	522
Born, 9-2-40; proved, 2-5-48;----; N. Y.	6 dams-------	21	13,386	3.7	496
Sire, 701204; dam, 1826981.	Difference---	(4-4-4)	+652	.0	+26
Herd Owner, Machold Farms, Ellisburg.					
MIDLAND MEAD ORMSBY 793986----------	5 daughters--	5	15,178	3.8	584
Born, 6-5-39; proved, 2-4-48; dead; Calif.	5 dams-------	21	13,804	3.9	534
Sire, 746394; dam, 1424688.	Difference---	(3-2-3)	+1,374	-.1	+50
Herd Owner, Earl Graham & Sons, Modesto.					
MILBRUEK BESSIE CHIEF 868940----------	5 daughters--	5	11,639	3.6	416
Born, 7-18-42; proved, 2-9-48; alive; Pa.	5 dams-------	8	12,723	3.7	472
Sire, 792696; dam, 1904552.	Difference---	(1-2-0)	-1,084	-.1	-56
Used in First Pennsylvania Co-op. A. B. A.					
MILCO HOESLY STAR 5TH 814831----------	14 daughters-	16	9,438	3.6	342
Born, 8-16-40; proved, 2-9-48;----; Wis.	14 dams------	54	11,289	3.8	426
Sire, 721899; dam, 1285684.	Difference---	(4-5-4)	-1,851	-.2	-84
Herd Owner, Milwaukee Co. Institutions, Wauwatosa.					
MILLER FARM SONNY 820775----------	5 daughters--	6	10,053	3.5	353
Born, 4-29-40; proved, 2-11-48;----; Vt.	5 dams-------	9	9,559	3.5	336
Sire, 651620; dam, 1696586.	Difference---	(3-1-3)	+494	.0	+17
Herd Owner, A. L. Miller, Vernon.					
MODEL BESSIE MONTVIC CHIEFTAIN 828821----------	12 daughters-	17	13,106	3.8	504
Born, 6-15-41; proved, 2-27-48;----; Ill.	11 daughters-	16	12,692	3.9	491
Sire, 792389; dam, 1756669.	11 dams------	35	13,141	3.9	515
Herd Owner, Walk Brothers, Neoga.	Difference---	(5-7-6)	-449	.0	-24
MOHEB INKA JOE CASCADE 819928----------	9 daughters--	11	11,697	3.6	417
Born, 11-2-40; proved, 2-27-48;----; Wis.	7 daughters--	9	11,739	3.5	414
Sire, 780674; dam, 1791706.	7 dams-------	11	11,687	3.3	388
Herd Owner, Raymond Talmage, Monticello.	Difference---	(5-6-5)	+52	+.2	+26
MONTVIC SENSATION PIETJE 837589----------	9 daughters--	9	15,316	3.3	503
Born, 12-28-41; proved, 2-27-48;----; N. Y.	9 dams-------	41	10,216	3.5	362
Sire, 721278; dam, 2016103.	Difference---	(9-2-9)	+5,100	-.2	+141
Used in New York Co-op. A. B. A.					
MORSANCO MASTERPIECE 819860----------	14 daughters-	14	10,992	3.5	380
Born, 11-23-40; proved, 2-27-48;----; Wash.	12 daughters-	12	11,024	3.4	379
Sire, 778928; dam, 1981616.	12 dams------	41	12,480	3.5	437
Herd Owner, Treosti's Ville, Carnation.	Difference---	(4-8-4)	-1,456	-.1	-58
MT HERMON SIR GLADICE DAD BELLBY 818177----------	17 daughters-	20	12,153	3.5	425
Born, 3-11-40; proved, 2-27-48;----; Mass.	17 dams------	44	11,110	3.3	370
Sire, 743696; dam, 1788091.	Difference---	(13-12-13)	+1,043	+.2	+55
Herd Owner, Mt. Hermon School Farm, Mt. Hermon.					
NEMAHA DICTATOR GILKEY BURKE 827653----------	8 daughters--	8	13,031	3.4	447
Born, 12-11-40; proved, 2-27-48;----; Kans.	7 daughters--	7	12,822	3.4	438
Sire, 751517; dam, 1992069.	7 dams-------	19	11,580	3.6	412
Herd Owner, Ambrose Koelzer, Seneca.	Difference---	(5-2-5)	+1,242	-.2	+26
NIESLEY VALE LINDY HARTOG 798623 *(June 1947)----------	21 daughters-	40	14,031	3.6	506
Born, 2-18-39; proved, 2-9-48;----; Pa.	19 daughters-	35	13,880	3.6	501
Sire, 677237; dam, 2133483.	19 dams------	96	12,722	3.6	464
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(16-12-16)	+1,158	.0	+37
NIFTY PABST 846556----------	5 daughters--	5	12,104	3.5	428
Born, 10-8-41; proved, 2-27-48;----; Mich.	5 dams-------	24	11,385	3.5	398
Sire, 800747; dam, 1997532.	Difference---	(3-3-4)	+719	.0	+30
Herd Owner, Albert P. Wardin, Hemlock.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NORTH STAR CONNIE ESQUIRE 834649----------	9 daughters--	9	12,871	3.6	459
Born, 6-21-41; proved, 2-9-48;----; Minn.	7 daughters--	7	13,271	3.6	482
Sire, 742938; dam, 2038677.	7 dams-------	15	10,089	3.5	352
Herd Owner, Alvin Simon & Son, Altura.	Difference---	(7-7-7)	+3,182	+.1	+130
OAK CRESS JOH PONTIAC ROSE 805968----------	7 daughters--	11	11,782	3.9	459
Born, 4-5-40; proved, 2-10-48;----; Pa.	7 dams-------	38	13,994	3.6	502
Sire, 703610; dam, 1673829.	Difference---	(1-6-2)	-2,212	+.3	-43
Used in First Pennsylvania Co-op. A. B. A.					
OHIO GEORGE PRILLY 798846 *(June 1947)----------	26 daughters-	39	11,008	3.6	395
Born, 1-17-40; proved, 2-26-48;----; Ohio.	16 daughters-	26	11,192	3.5	387
Sire, 736714; dam, 1659115.	16 dams------	20	9,893	3.3	328
Used in Central Ohio Co-op. A. B. A.	Difference---	(11-12-11)	+1,299	+.2	+59
OOSTIE KING OF KINGS 789963----------	7 daughters--	8	11,291	3.6	405
Born, 2-5-40; proved, 2-3-48;----; Wis.	6 daughters--	7	11,452	3.6	412
Sire, 725856; dam, 1901024.	6 dams-------	16	10,691	3.8	408
Herd Owner, Fred C. Marty, Monticello.	Difference---	(2-2-2)	+761	-.2	+ 4
ORMSBY CORNELL DONOLDA 792933----------	6 daughters--	8	11,307	3.6	408
Born, 3-4-39; proved, 2-9-48;----; N. Y.	6 dams-------	15	9,984	3.6	355
Sire, 741493; dam, 1605700.	Difference---	(5-4-5)	+1,323	.0	+53
Herd Owner, Myron D. Albro, Lounsberry.					
ORMSBY PIEBE ANCHOR 813993----------	7 daughters--	13	10,151	3.4	342
Born, 12-13-40; proved, 2-4-48;----; Pa.	7 dams-------	26	10,171	3.3	337
Sire, 683840; dam, 1843252.	Difference---	(4-4-4)	-20	+.1	+5
Herd Owner, Charles W. Scott, Oakdale.					
OSBORNDALE SIR FAYNE ORMSBY 784460----------	24 daughters-	28	10,170	3.6	366
Born, 2-27-39; proved, 2-27-48;----; N. H.	20 daughters-	23	10,140	3.6	364
Sire, 760643; dam, 1598147.	20 dams------	46	9,280	3.6	333
Herd Owner, Grafton County Farm, North Haverhill.	Difference---	(13-12-12)	+860	.0	+31
OSBORNDALE TONY ORMSBY RAG APPLE 786366----------	5 daughters--	5	14,190	3.4	485
Born, 6-27-39; proved, 2-11-48;----; Ohio.	5 dams-------	14	13,628	3.8	515
Sire, 722342; dam, 2002392.	Difference---	(3-1-1)	+562	-.4	-30
Used in Northern Ohio Co-op. A. B. A.					
OSBORNDALE TOVARICH BROTHER (TWIN) 827539----------	18 daughters-	21	10,354	3.6	368
Born, 2-12-41; proved, 2-27-48;----; N. Y.	16 daughters-	19	10,764	3.6	383
Sire, 760642; dam, 1779686.	16 dams------	47	11,159	3.4	383
Herd Owner, Totman & Curtis, Cazenovia.	Difference---	(8-15-9)	-395	+.2	0
O S H MATADOR BUD 789924----------	8 daughters--	8	10,354	3.6	375
Born, 12-13-39; proved, 2-4-48;----; Kans.	7 daughters--	7	10,394	3.6	375
Sire, 651572; dam, 1086154.	7 dams-------	19	11,173	3.5	397
Herd Owner, Osawatomie State Hospital, Osawatomie.	Difference---	(2-4-3)	-779	+.1	-22
PABST BARTA CATO 823784----------	15 daughters-	16	13,226	3.4	449
Born, 4-10-41; proved, 2-27-48;----; Wis.	15 dams------	69	13,206	3.5	468
Sire, 761980; dam, 1610701.	Difference---	(8-4-7)	+20	-.1	-19
Herd Owner, Mrs. Bertha Habeck & Son, Eden.					
PABST BARTA PRILLY WAYNE 823785----------	12 daughters-	14	12,760	3.8	489
Born, 4-26-41; proved, 2-16-48;----; Wis.	7 daughters--	8	12,844	3.8	493
Sire, 761980; dam, 1553599.	7 dams-------	15	11,961	3.7	437
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(5-6-5)	+883	+.1	+56
PARNELL OLLIE PIEBE ACE 833451----------	7 daughters--	11	10,671	3.6	389
Born, 2-17-40; proved, 2-27-48;----; Kans.	5 daughters--	7	10,831	3.6	389
Sire, 742520; dam, 1751670.	5 dams-------	13	13,269	3.6	472
Herd Owner, Paul Jamison, Cummings.	Difference---	(1-3-2)	-2,438	.0	-83
PEBBLE BEACH CHLOE CHIEFTAIN 748817 *8----------	9 daughters--	16	11,067	3.7	412
Born, 11-17-36; proved, 2-27-48;----; N. Y.	9 dams-------	40	10,344	3.5	358
Sire, 695631; dam, 1292314.	Difference---	(5-6-7)	+723	+.2	+54
Used in Broome Co-op. A. B. A.					
PEBBLE BEACH PRINCE OF WAYNE 837025----------	5 daughters--	5	12,146	3.9	475
Born, 9-4-41; proved, 2-27-48;----; N. Y.	5 dams-------	20	12,908	4.0	517
Sire, 695631; dam, 1178919.	Difference---	(2-2-3)	-762	-.1	-42
Used in New York Co-op. A. B. A.					
PIEBE KORNDYKE PARTHENEA 828210----------	5 daughters--	5	8,451	3.5	300
Born, 10-19-40; proved, 2-27-48;----; Pa.	5 dams-------	24	11,421	3.4	383
Sire, 757144; dam, 1663287.	Difference---	(0-4-0)	-2,970	+.1	-83
Herd Owner, E. Nevin Weber, Mechanicsburg.					
PINE BRANCH ORMSBY FOBES 850738----------	9 daughters--	14	10,745	3.6	388
Born, 3-22-40; proved, 2-27-48;----; Iowa.	5 daughters--	8	10,703	3.5	379
Sire, 754516; dam, 1713404.	5 dams-------	12	11,090	3.7	411
Herd Owner, Floyd Gilley, Maynard.	Difference---	(3-1-1)	-387	-.2	-32

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PONTIAC ORMSBY MARATHON 814697----------	7 daughters--	7	15,433	3.5	542
Born, 6-13-40; proved, 2-5-48;----; Mich.	5 daughters--	5	15,688	3.5	544
Sire, 651543; dam, 1529958.	5 dams-------	12	13,379	3.4	456
Herd Owner, Armstrong Brothers, Fowlerville.	Difference---	(4-3-5)	+2,309	+.1	+88
PRILLY POTENTATE SPINKER 820286----------	7 daughters--	10	10,363	3.3	338
Born, 11-9-40; proved, 2-16-48;----; Pa.	7 dams-------	33	11,731	3.2	376
Sire, 718724; dam, 2056948.	Difference---	(0-5-0)	-1,368	+.1	-38
Herd Owner, Edgar W. Weaner, Gettysburg.					
PRINCE CARNATION SEGIS PONTIAC 816962----------	7 daughters--	12	12,213	3.4	414
Born, 12-8-40; proved, 2-6-48;----; Mich.	5 daughters--	9	12,556	3.4	423
Sire, 744578; dam, 1815847.	5 dams-------	7	12,977	3.3	427
Herd Owner, Gerald Poest, Zeeland.	Difference---	(1-3-2)	-421	+.1	-4
PRINCE DUO DELLA FOBES 826253----------	9 daughters--	10	8,706	3.6	313
Born, 1-22-41; proved, 2-27-48;----; Pa.	9 dams-------	28	9,538	3.3	319
Sire, 746337; dam, 2149782.	Difference---	(1-8-3)	-832	+.3	-6
Herd Owner, Karl Rockwood, Union City.					
PRINCE INKA JOHANNA ORMSBY 803161----------	9 daughters--	9	11,612	3.7	433
Born, 10-5-39; proved, 2-3-48; dead; Wis.	6 daughters--	6	11,430	3.7	428
Sire, 744598; dam, 1705577.	6 dams-------	21	12,494	3.6	455
Herd Owner, Fred & Karl Wild, Belleville.	Difference---	(2-4-2)	-1,064	+.1	-27
RADIOHOLM BESS ORMSBY PERFECTION (TWIN) 838346----------	11 daughters-	11	11,621	3.7	428
Born, 9-15-40; proved, 2-27-48;----; Colo.	9 daughters--	9	12,129	3.6	442
Sire, 764156; dam, 1600625.	9 dams-------	13	10,235	3.4	348
Herd Owner, Colorado State Hospital, Pueblo.	Difference---	(9-6-8)	+1,894	+.2	+94
RAHMLOW ADMIRAL DELLA 819252----------	5 daughters--	5	12,004	3.7	439
Born, 2-2-41; proved, 2-9-48;----; Wis.	5 dams-------	24	10,480	3.6	379
Sire, 676723; dam, 1893671.	Difference---	(3-3-3)	+1,524	+.1	+60
Herd Owner, Henry D. Schaefer, Appleton.					
RIVERFLAT ADMIRAL LEON 822160----------	15 daughters-	16	10,394	3.6	373
Born, 11-25-40; proved, 2-27-48;----; N. Y.	11 daughters-	12	10,417	3.6	379
Sire, 707606; dam, 1656550.	11 dams------	26	9,723	3.5	343
Herd Owner, R. J. Howard, Sherburne.	Difference---	(6-7-7)	+694	+.1	+34
ROSECHEN KING SEGIS 728151 *8----------	30 daughters-	71	12,486	3.6	445
Born, 1-7-36; proved, 2-27-48;----; Pa.	29 daughters-	69	12,507	3.6	445
Sire, 584191; dam, 1429445.	29 dams------	145	13,263	3.5	462
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(12-21-11)	-756	+.1	-17
ST CROIXCO BURKE PANSY BELMONT 829017----------	9 daughters--	11	12,966	3.4	439
Born, 3-22-41; proved, 2-27-48;----; Iowa.	9 dams-------	22	12,585	3.4	424
Sire, 715862; dam, 1838904.	Difference---	(6-4-7)	+381	.0	+15
Herd Owner, De Jong Brothers Co., Orange City.					
ST J O ALEX SENATOR ORMSBY 808693----------	8 daughters--	9	11,066	3.6	394
Born, 5-26-40; proved, 2-11-48;----; Minn.	8 dams-------	17	13,215	3.4	454
Sire, 761657; dam, 1919300.	Difference---	(1-6-2)	-2,149	+.2	-60
Herd Owner, Moose Lake State Hospital, Moose Lake.					
S B A ORMSBY PROGRESSOR 805897----------	10 daughters-	13	8,986	3.5	317
Born, 11-13-39; proved, 2-16-48;----; Kans.	9 daughters--	12	8,987	3.5	317
Sire, 635377; dam, 1577431.	9 dams-------	26	9,852	3.4	339
Herd Owner, F. W. Bartholomew, Great Bend.	Difference---	(3-5-3)	-865	+.1	-22
SEELEY BROOK PEBBLE BEACH POSCH 831870----------	11 daughters-	17	13,289	3.4	453
Born, 4-20-41; proved, 2-27-48;----; N. Y.	7 daughters--	10	12,813	3.6	457
Sire, 783448; dam, 1839259.	7 dams-------	11	11,412	3.5	401
Used in New York Co-op. A. B. A.	Difference---	(6-5-6)	+1,401	+.1	+56
SHELLBRO INKA MAY JEWEL 794766----------	6 daughters--	10	11,250	3.3	375
Born, 11-27-39; proved, 2-27-48;----; Minn.	6 dams-------	18	8,502	3.4	286
Sire, 729184; dam, 1929711.	Difference---	(4-4-4)	+2,748	-.1	+89
Herd Owner, Marlowe Oredson, St. James.					
SHESHEQUIN STAR ART 834149----------	5 daughters--	6	12,305	3.7	452
Born, 4-18-41; proved, 2-16-48; alive; Pa.	5 dams-------	17	12,682	3.3	421
Sire, 731075; dam, 1964220.	Difference---	(2-5-4)	-377	+.4	+31
Used in First Pennsylvania Co-op. A. B. A.					
SIR AAGGIE MYRETTA MASTERPIECE (TWIN) 821198----------	11 daughters-	15	9,654	3.7	362
Born, 6-19-40; proved, 2-27-48;----; Wash.	11 dams------	61	10,383	3.6	369
Sire, 747124; dam, 1951664.	Difference---	(3-10-5)	-729	+.1	-7
Herd Owner, Robert E. White, Ritzville.					
SIR BESSIE KATE (TWIN) 763864----------	12 daughters-	19	10,450	3.6	374
Born, 7-20-38; proved, 2-3-48;----; Iowa.	8 daughters--	12	10,186	3.5	361
Sire, 662509; dam, 1610475.	8 dams-------	15	11,965	3.5	421
Herd Owner, Sargent Brothers & Ewald Thiese, Strawberry Point.	Difference---	(0-5-1)	-1,779	.0	-60

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR BESS INKA PRILLY ORMSBY 827226----------	10 daughters-	11	10,754	3.6	388
Born, 9-18-40; proved, 2-27-48;----; N. Y.	5 daughters--	6	10,614	3.5	367
Sire, 761977; dam, 2003122.	5 dams-------	8	10,777	3.5	377
Used in New York Co-op. A. B. A.	Difference---	(2-3-2)	-163	.0	-10
SIR COLANTHA HILLVALE LASS 814982----------	8 daughters--	9	14,128	3.5	491
Born, 11-23-40; proved, 2-6-48;----; Wis.	8 dams-------	31	12,883	3.5	455
Sire, 693222; dam, 1810093.	Difference---	(7-6-6)	+1,245	.0	+36
Herd Owner, Edward Wegmann, Cedarburg.					
SIR-DOUG BURKE PIEBE COL GERBEN STAR 872565----------	5 daughters--	5	8,649	3.5	300
Born, 10-19-42; proved, 2-9-48;----; Pa.	5 dams-------	10	9,423	3.5	329
Sire, 660575; dam, 1971683.	Difference---	(2-2-1)	-774	.0	-29
Used in Western Pennsylvania Co-op. A. B. A.					
SIR HENGERVELD INKA MAY 806832----------	10 daughters-	14	9,194	3.2	299
Born, 6-9-40; proved, 2-2-48; dead; N. Y.	6 daughters--	8	9,839	3.2	318
Sire, 764806; dam, 1876957.	6 dams-------	11	9,392	3.3	306
Herd Owner, Byron Fancher, Hyndsville.	Difference---	(4-4-3)	+447	-.1	+12
SIR JUBO DESIGN 779354----------	16 daughters-	25	10,949	3.3	357
Born, 4-22-39; proved, 2-27-48;----; N. J.	11 daughters-	17	10,404	3.3	346
Sire, 738106; dam, 1408871.	11 dams------	24	12,226	3.3	399
Herd Owner, State Hospital, Greystone Park.	Difference---	(2-7-3)	-1,822	.0	-53
SIR PABST SENSATION RUE 814615----------	14 daughters-	21	11,508	3.8	440
Born, 12-14-38; proved, 2-11-48;----; Wis.	14 dams------	66	11,912	3.8	453
Sire, 691903; dam, 1773854.	Difference---	(5-6-7)	-404	.0	-13
Herd Owner, Emil Berndt, Grafton.					
SIR RAG APPLE MONTVIC 792613----------	17 daughters-	22	10,802	3.4	368
Born, 1-31-40; proved, 2-4-48;----; Wis.	15 daughters-	20	10,755	3.4	366
Sire, 723329; dam, 1648152.	15 dams------	39	12,362	3.5	430
Herd Owner, Guido Schroeder & E. Muth, West Bend.	Difference---	(2-7-3)	-1,607	-.1	-64
SIR SEGIS FOBES CLOTHILDE 829796----------	5 daughters--	6	13,731	3.7	503
Born, 12-23-40; proved, 2-27-48;----; Mich.	5 dams-------	19	12,264	3.7	456
Sire, 780119; dam, 2013317.	Difference---	(3-3-3)	+1,467	.0	+47
Herd Owner, Raymond Eifert & Sons, Mason.					
SIR SEGIS ORMSBY POSCH FOBES 781604----------	19 daughters-	36	10,838	3.7	406
Born, 10-5-38; proved, 2-27-48;----; Wis.	11 daughters-	23	11,324	3.7	423
Sire, 722143; dam, 1884104.	11 dams------	31	11,000	3.8	415
Herd Owner, Moths Brothers, Random Lake.	Difference---	(6-7-6)	+324	-.1	+8
SKYLARK ORMSBY INKA 866381----------	7 daughters--	9	8,076	3.7	298
Born, 9-28-41; proved, 2-27-48;----; Iowa.	7 dams-------	24	8,946	3.5	310
Sire, 796328; dam, 1802878.	Difference---	(1-6-2)	-870	+.2	-12
Herd Owner, Earl Orcutt, Oelwein.					
SKYLINE LAD 811906----------	12 daughters-	13	11,615	3.5	404
Born, 8-25-39; proved, 2-26-48;----; Pa.	11 daughters-	11	11,609	3.5	401
Sire, 734131; dam, 1336454.	11 dams------	27	12,467	3.5	431
Herd Owner, John H. Howard, Wyalusing.	Difference---	(4-7-5)	-858	.0	-30
SOWISCOL B B ORMSBY CLOTHILDE 673756----------	7 daughters--	7	11,809	3.6	428
Born, 5-10-33; proved, 2-27-48;----; Wis.	6 daughters--	6	11,551	3.5	409
Sire, 554771; dam, 1469192.	6 dams-------	28	11,738	3.6	427
Herd Owner, State Farm Colony, Waunakee.	Difference---	(3-2-3)	-187	-.1	-18
SPENCERCREST KING YBMA FOBES 683235----------	6 daughters--	12	10,855	3.6	387
Born, 2-12-33; proved, 2-27-48;----; Pa.	5 daughters--	10	10,956	3.7	400
Sire, 612746; dam, 1571930.	5 dams-------	19	11,944	3.6	425
Herd Owner, Ernest B. Spencer & Son, Millerton.	Difference---	(2-3-1)	-988	+.1	-25
TRELWAREN HOESLY CANARY CHIEFTAIN 808847----------	14 daughters-	16	12,937	3.3	428
Born, 9-4-40; proved, 2-3-48;----; Wis.	8 daughters--	10	12,556	3.4	421
Sire, 782352; dam, 2062142.	8 dams-------	14	9,940	3.3	333
Herd Owner, Russell Vyvyan, Union Grove.	Difference---	(7-5-7)	+2,616	+.1	+88
TRITOMIA PEARL OF BEREA 836821----------	10 daughters-	11	14,669	3.3	491
Born, 3-27-41; proved, 2-16-48; alive; Ky.	8 daughters--	9	14,901	3.3	493
Sire, 722080; dam, 1850526.	8 dams-------	17	10,864	3.5	383
Herd Owner, Berea College, Berea.	Difference---	(8-2-8)	+4,037	-.2	+110
TRIUNE FOBES MECHTHILDE 822837----------	8 daughters--	11	13,072	3.8	495
Born, 12-14-40; proved, 2-27-48;----; Wis.	6 daughters--	9	13,926	3.8	533
Sire, 718867; dam, 1595192.	6 dams-------	32	14,892	3.5	516
Herd Owner, Leonard Mirsberger, Hilbert.	Difference---	(2-6-3)	-966	+.3	+17
T T KING BESSIE BURKE HEILO 816021----------	6 daughters--	10	12,414	3.7	453
Born, 12-11-40; proved, 2-5-48;----; Kans.	5 daughters--	8	13,052	3.6	476
Sire, 752128; dam, 1919080.	5 dams-------	18	11,819	-3.8	451
Herd Owner, Torkelson Brothers, Everest.	Difference---	(3-1-3)	+1,233	-.2	+25

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
U NEB KARMORE GARBON 755353----------	12 daughters-	21	12,810	3.7	468
Born, 1-29-38; proved, 2-2-48; dead; Nebr.	6 daughters--	9	11,588	3.4	397
Sire, 705263; dam, 1773906.	6 dams-------	17	11,922	3.4	408
Herd Owner, State Board of Control, Lincoln.	Difference---	(4-3-4)	-334	.0	-11
U NEB PAN KARMIGHT 814107----------	9 daughters--	11	12,960	3.6	467
Born, 12-23-40; proved, 2-27-48;----; Nebr.	7 daughters--	9	12,275	3.6	445
Sire, 772753; dam, 1559980.	7 dams-------	20	12,030	3.5	424
Herd Owner, Alfred Engel, Fremont.	Difference---	(4-5-4)	+245	+.1	+21
VALENTINE PERFECTION DUKE 766945 *----------	15 daughters-	33	10,280	3.5	358
Born, 5-23-38; proved, 11-6-47;----; Colo.	9 daughters--	.17	10,233	3.5	354
Sire, 758411; dam, 1594045.	9 dams-------	35	11,602	3.6	419
Herd Owner, Union Printers Home, Colorado Springs.	Difference---	(3-3-2)	-1,369	-.1	-65
VALESIDE PRINCE DE KOL 816309----------	6 daughters--	9	9,000	3.6	322
Born, 10-2-40; proved, 2-5-48; dead; N. Y.	5 daughters--	8	8,883	3.6	319
Sire, 771664; dam, 1853097.	5 dams-------	8	10,829	3.8	409
Herd Owner, Waldo Lyon, Dolgeville.	Difference---	(0-2-0)	-1,946	-.2	-90
VAN HOOSEN CHIEFTAIN 416 811231----------	5 daughters--	6	11,937	3.6	426
Born, 7-30-40; proved, 2-6-48;----; Mich.	5 dams-------	13	12,448	3.4	419
Sire, 752503; dam, 1776651.	Difference---	(2-4-2)	-511	+.2	+ 7
Herd Owner, Dr. A. L. Arnold, Jr., Owosso.					
VAN HORNE DENVER ORMSBY KING 788752----------	5 daughters--	8	9,813	3.5	343
Born, 12-25-38; proved, 2-6-48;----; N. Y.	5 dams-------	12	12,524	3.4	420
Sire, 538202; dam, 1484928.	Difference---	(1-3-2)	-2,711	+.1	-77
Herd Owner, John L. Schoonmaker, Accord.					
V P I BESS BURKE FRIES KING 690398----------	9 daughters--	10	12,479	3.6	444
Born, 2-15-34; proved, 2-27-48;----; Va.	7 daughters--	8	12,894	3.6	462
Sire, 375366; dam, 1391745.	7 dams-------	20	11,758	3.5	415
Herd Owner, Frank S. Walker, Orange.	Difference---	(5-4-6)	+1,136	+.1	+47
WAUKONA ORMSBY DEAN 815334----------	9 daughters--	17	13,209	3.4	443
Born, 8-12-40; proved, 2-27-48;----; Wash.	6 daughters--	10	13,915	3.3	464
Sire, 738802; dam, 1775740.	6 dams-------	18	13,816	3.2	444
Herd Owner, A. P. Anderson, Espanola.	Difference---	(4-5-4)	+99	+.1	+20
WIMBLEDON OLLIE EMPEROR 750270 *(Jan. 1947)----------	15 daughters-	25	12,813	3.7	473
Born, 4-5-37; proved, 2-27-48;----; Iowa.	12 daughters-	19	13,123	3.6	478
Sire, 671030; dam, 1383819.	12 dams------	18	12,577	3.5	436
Herd Owner, De Jong Brothers Co., Orange City.	Difference---	(8-8-9)	+546	+.1	+42
WIMBLEDON RUBY QUEEN EMPEROR 830714----------	17 daughters-	22	12,482	3.6	451
Born, 5-3-41; proved, 2-16-48;----; Pa.	11 daughters-	14	13,011	3.6	466
Sire, 671030; dam, 1837963.	11 dams------	39	12,605	3.4	433
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(8-10-8)	+406	+.2	+33
WIN-STAFA SIR PREMIER GARDNER 831023----------	11 daughters-	11	10,657	3.6	387
Born, 4-1-41; proved, 2-27-48;----; Wis.	10 daughters-	10	10,617	3.6	386
Sire, 788774; dam, 1747686.	10 dams------	24	10,856	3.4	373
Herd Owner, Emil Clausen, Burlington.	Difference---	(4-10-5)	-239	+.2	+13
WINTERMEDE SIR HUBERT NO 6 750225----------	11 daughters-	15	8,102	3.7	296
Born, 9-23-37; proved, 2-2-48;----; N. Y.	11 dams------	64	8,520	3.6	309
Sire, 684991; dam, 1595885.	Difference---	(5-7-3)	-418	+.1	-13
Herd Owner, A. Merle Schoonmaker, Youngsville.					
WINTERTHUR FOBES GREAT VISCOUNT 823055----------	7 daughters--	9	15,432	3.6	552
Born, 12-1-40; proved, 2-27-48;----; Conn.	7 dams-------	21	16,013	3.2	517
Sire, 729449; dam, 1934438.	Difference---	(2-6-6)	-581	+.4	+35
Herd Owner, Quality Farm, Lakeville.					
WINTERTHUR SELECT NEBRASKA VICAR 823058 *(Mar. 1947)------	19 daughters-	24	12,918	3.6	465
Born, 12-29-40; proved, 2-16-48;----; N. Y.	19 dams------	62	12,877	3.6	458
Sire, 750000; dam, 1810721.	Difference---	(10-13-12)	+41	.0	+7
Used in Central Ohio Co-op. A. B. A., Ohio.					
WINTERTHUR SELECT NEBRASKA VISION 789919----------	23 daughters-	29	12,983	3.5	455
Born, 1-16-40; proved, 2-27-48;----; Pa.	17 daughters-	21	12,842	3.5	447
Sire, 750000; dam, 1970020.	17 dams------	25	12,285	3.7	452
Herd Owner, Rivermead Farm, Milan.	Difference---	(13-6-9)	+557	-.2	-5
WINTERTHUR STAR POSCH UQUEL 789918----------	18 daughters-	23	10,426	3.9	405
Born, 12-28-39; proved, 2-4-48; dead; N. Y.	15 daughters-	19	10,175	3.9	396
Sire, 742081; dam, 1970019.	15 dams------	29	10,706	3.4	368
Herd Owner, Ben Hill, Elmira.	Difference---	(6-15-8)	-531	+.5	+28
W I S CORNFLOWER 693801----------	5 daughters--	6	10,834	3.8	413
Born, 12-6-33; proved, 2-13-48;----; Wis.	5 dams-------	5	10,454	4.3	445
Sire, 646804; dam, 1315362.	Difference---	(3-1-2)	+380	-.5	-32
Herd Owner, Arthur Cull, Pewaukee.					

* Incorrectly listed as Jaysee Peerless King Inka 747865.

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WOODSON FOBES GOVERNOR 869495----------	6 daughters--	6	10,850	3.3	362
Born, 8-4-41; proved, 2-27-48;----; Pa.	6 dams-------	33	11,691	3.6	417
Sire, 785631; dam, 2004034.	Difference---	(1-2-1)	-841	-.3	-55
Herd Owner, Woodson Farms, Pennsburg.					
21*AVX70125 (BANGS OR TB EARTAG)----------	12 daughters-	57	8,666	3.6	308
Born, ----; proved, 2-2-48; dead; N. Y.	6 daughters--	28	8,463	3.5	294
Sire, ----; dam, ----.	6 dams-------	34	10,119	3.5	354
Herd Owner, Oyer & Jones, Delevan.	Difference---	(1-3-1)	-1,656	.0	-60
23*J18341 (BANGS OR TB EARTAG)----------	11 daughters-	33	11,001	3.5	384
Born, ----; proved, 2-2-48;----; Pa.	5 daughters--	19	10,993	3.5	384
Sire, ----; dam, ----.	5 dams-------	5	10,554	3.4	358
Herd Owner, Russell W. Giles & Sons, Pleasant Mount.	Difference---	(2-4-4)	+439	+.1	+26
35*HE3460 (BANGS OR TB EARTAG)----------	5 daughters--	16	9,386	3.6	337
Born, ----; proved, 2-6-48;----; Wis.	5 dams-------	9	12,275	3.6	447
Sire, ----; dam, ----.	Difference---	(2-2-1)	-2,889	.0	-110
Herd Owner, Erwin Habermann, Chilton.					
JERSEY SIRES					
ALLEGANY JAP DON 424369 *(Apr. 1947)----------	12 daughters-	15	7,321	5.5	400
Born, 9-17-40; proved, 2-27-48;----; N. Y.	10 daughters-	12	7,263	5.5	398
Sire, 350067; dam, 1014354.	10 dams------	45	7,625	5.1	387
Used in New York Co-op. A. B. A.	Difference---	(5-8-5)	-362	+.4	+11
BEAUTY OBSERVER NESTOR 439758----------	9 daughters--	19	7,451	5.2	388
Born, 9-9-40; proved, 2-4-48;----; Mich.	8 daughters--	16	7,334	5.2	379
Sire, 385901; dam, 1189925.	8 dams-------	15	7,985	5.1	408
Herd Owner, Vernon Sanders, South Haven.	Difference---	(3-4-2)	-651	+.1	-29
BEECHLAND ALERT VOLUNTEER 430246----------	6 daughters--	7	6,441	5.1	329
Born, 4-27-41; proved, 2-17-48;----; Ohio.	5 daughters--	6	6,510	5.1	329
Sire, 398815; dam, 1184093.	5 dams-------	25	7,142	4.8	344
Used in Northern Ohio Co-op. A. B. A.	Difference---	(1-4-2)	-632	+.3	-15
BESSIE'S EMPEROR GAMBOGE 377864----------	11 daughters-	22	7,952	5.5	437
Born, 1-19-36; proved, 2-13-48; dead; Ill.	7 daughters--	12	7,882	5.6	439
Sire, 321690; dam, 996435.	7 dams-------	13	8,338	5.2	438
Herd Owner, Herman G. Heberer, Belleville.	Difference---	(2-6-4)	-456	+.4	+1
BRAMPTON BELLS B FAVOR 439588----------	10 daughters-	10	6,480	5.5	356
Born, 9-10-41; proved, 2-27-48;----; Pa.	10 dams------	41	6,477	5.6	362
Sire, 425305; dam, 116997 CJCC.	Difference---	(5-4-3)	+3	-.1	-6
Used in Nepa Co-op. A. B. A.					
CALIFORNIA NICK BOBBY 383345 *8----------	17 daughters-	54	8,922	5.9	522
Born, 12-28-36; proved, 2-2-48; alive; Calif.	15 daughters-	46	9,028	5.9	528
Sire, 316846; dam, 972924.	15 dams------	75	8,481	5.1	430
Herd Owner, V. J. Lancaster, Turlock.	Difference---	(8-14-13)	+547	+.8	+98
CATALPA GOLDIE MACK 402860----------	7 daughters--	12	9,838	5.2	510
Born, 9-12-38; proved, 2-2-48;----; Mich.	6 daughters--	11	9,780	5.3	518
Sire, 382092; dam, 1045015.	6 dams-------	14	8,639	5.2	450
Herd Owner, Arden W. Wright, Marcellus.	Difference---	(5-2-4)	+1,141	+.1	+68
COME SON VOLUNTEER PRINCE 401024----------	19 daughters-	30	9,213	5.1	469
Born, 1-6-37; proved, 2-27-48;----; Wash.	9 daughters--	14	9,174	5.1	469
Sire, 292917; dam, 1020030.	9 dams-------	23	8,424	5.1	429
Herd Owner, R. C. Nelson, Walla Walla.	Difference---	(7-5-7)	+750	.0	+40
CONSERVATOR 430777----------	5 daughters--	8	6,947	5.5	380
Born, 8-29-40; proved, 2-2-48; dead; Iowa.	5 dams-------	19	7,783	4.9	383
Sire, 430775; dam, 1133518.	Difference---	(0-5-4)	-836	+.6	-3
Herd Owner, Dave N. Olmsted, McGregor.					
CORNISHMAN OF ROSEL 400622----------	20 daughters-	26	7,106	5.2	368
Born, 6-8-32; proved, 2-2-48;----; Ohio.	13 daughters-	16	7,089	5.4	381
Sire, 352267; dam, P. S. 41143 H. C.	13 dams------	28	7,969	5.1	409
Herd Owner, R. E. Klages, Pickerington.	Difference---	(5-10-4)	-880	+.3	-28
COUNT GRAY 428759----------	8 daughters--	13	5,319	5.0	268
Born, 5-15-30; proved, 2-4-48;----; N. H.	6 daughters--	11	5,277	5.0	265
Sire, 292469; dam, 575557.	6 dams-------	9	6,709	5.0	336
Herd Owner, Walter E. Quimby & Sons, Fremont.	Difference---	(1-3-1)	-1,432	.0	-71
CRUSADER VICTOR PRINCE 379766----------	7 daughters--	13	6,733	5.1	341
Born, 3-7-36; proved, 2-4-48; dead; Pa.	6 daughters--	12	6,963	5.0	351
Sire, 263812; dam, 979672.	6 dams-------	21	6,291	5.2	328
Herd Owner, Andrew Palmer, Quakertown.	Difference---	(4-2-4)	+672	-.2	+23

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DENNYBROOK DESIGN PRINCE 404280----------	8 daughters--	11	7,154	5.5	395
Born, 9-23-39; proved, 2-2-48; dead; Mo.	8 dams-------	19	6,902	5.3	366
Sire, 355588; dam, 1071725.	Difference---	(5-5-6)	+252	+.2	+29
Herd Owner, Godfrey F. Kaden & Sons, Palmyra.					
DESIGN FAUVIC MAJESTY 379080----------	12 daughters-	29	7,319	5.0	369
Born, 1-29-36; proved, 2-4-48;----; Ohio.	5 daughters--	13	7,308	5.1	370
Sire, 337571; dam, 1047356.	5 dams-------	8	7,552	5.3	399
Herd Owner, Glenn M. Lackey & Sons, Delaware.	Difference---	(2-3-2)	-244	-.2	-29
DREAMER HONEST JOHN 433475----------	7 daughters--	10	7,072	5.1	361
Born, 4-2-39; proved, 2-27-48;----; Idaho.	7 dams-------	16	7,613	4.9	373
Sire, 399540; dam, 949853.	Difference---	(2-5-3)	-541	+.2	-12
Herd Owner, R. D. Williams, Boise.					
EDEN ROMULUS ABDEL 406646----------	9 daughters--	10	7,145	5.7	409
Born, 10-16-39; proved, 2-27-48;----; Colo.	9 dams-------	26	6,805	5.2	353
Sire, 381199; dam, 1158182.	Difference---	(6-9-8)	+340	+.5	+56
Herd Owner, John Tienken, Colorado Springs.					
ELMWOOD CHOICE BUSTER 424221----------	11 daughters-	16	8,133	5.6	459
Born, 11-15-40; proved, 2-27-48;----; Calif.	9 daughters--	12	8,225	5.6	458
Sire, 391425; dam, 1154617.	9 dams-------	35	9,296	5.1	474
Herd Owner, H. W. Low Ranch, Hughson.	Difference---	(4-6-5)	-1,071	+.5	-16
EMBLEM FAUVIC PRINCE 419048 *11----------	16 daughters-	32	7,064	5.8	410
Born, 7-10-40; proved, 2-27-48;----; W. Va.	13 daughters-	29	7,038	5.8	410
Sire, 359463; dam, 1051451.	13 dams------	55	6,921	5.6	388
Used in West Virginia Co-op. A. B. A.	Difference---	(6-7-10)	+117	+.2	+22
EMINENT SYBIL LAD 372235----------	49 daughters-	88	8,765	4.8	423
Born, 7-4-35; proved, 2-26-48;----; Ariz.	40 daughters-	72	8,913	4.9	433
Sire, 317806; dam, 745746.	40 dams------	78	8,280	5.1	419
Herd Owner, Mrs. Marie Fletcher, Phoenix.	Difference---	(27-14-20)	+633	-.2	+14
ESTELLA'S FLASHY DESIGN 396495----------	17 daughters-	30	6,768	5.5	373
Born, 1-1-39; proved, 2-3-48;----; Mich.	14 daughters-	25	6,559	5.6	370
Sire, 342991; dam, 1037716.	14 dams------	45	7,504	5.3	400
Herd Owner, Ray Grabill, White Cloud.	Difference---	(4-12-4)	-945	+.3	-30
FAMOUS DREAMING PIONEER 402159----------	8 daughters--	13	7,350	5.8	426
Born, 6-17-39; proved, 2-2-48;----; Pa.	7 daughters--	11	7,235	5.7	411
Sire, 389486; dam, 1012170.	7 dams-------	32	6,997	5.7	395
Herd Owner, Carlton Jersey Farm, Carlton.	Difference---	(4-3-5)	+238	.0	+16
FERN'S WONDERFUL SULTAN 374566----------	24 daughters-	72	6,452	5.4	347
Born, 9-20-31; proved, 2-9-48; dead; Vt.	9 daughters--	25	6,168	5.5	337
Sire, P. S. 6404 H. C.; dam, P. S. 34866 H. C.	9 dams-------	38	8,427	5.3	449
Herd Owner, Shore Acres Farm, Shelburne.	Difference---	(0-6-1)	-2,259	+.2	-112
FILLPAIL WONDERFUL SIR 386533----------	10 daughters-	25	7,000	5.0	352
Born, 11-19-36; proved, 2-27-48;----; Ga.	8 daughters--	19	7,231	5.1	366
Sire, 351912; dam, 934579.	8 dams-------	39	7,346	5.0	367
Herd Owner, Ga. Coastal Plain Experiment Station, Tifton.	Difference---	(2-6-2)	-115	+.1	-1
FLOSS DUKE DARLING VICTOR 438190----------	6 daughters--	8	9,153	5.5	507
Born, 9-17-41; proved, 2-13-48; alive; Minn.	6 dams-------	18	7,189	5.1	366
Sire, 300736; dam, 970527.	Difference---	(6-5-6)	+1,964	+.4	+141
Herd Owner, Don A. Furgason, Dundas.					
FOREAM VALENT 413979----------	6 daughters--	10	5,908	5.5	323
Born, 10-9-39; proved, 2-4-48;----; Mich.	6 dams-------	14	5,164	5.6	287
Sire, 371820; dam, 1135160.	Difference---	(4-3-3)	+744	-.1	+36
Herd Owner, Fred Notten, Grass Lake.					
FOREMOST MASTER KING 412210----------	7 daughters--	14	6,457	5.7	366
Born, 7-20-39; proved, 2-2-48;----; Mich.	7 dams-------	15	7,818	5.1	401
Sire, 309246; dam, 1114518.	Difference---	(2-7-3)	-1,361	+.6	-35
Herd Owner, Frank H. Williamson, Pontiac.					
FOXY SYBIL DESIGN 426727----------	9 daughters--	13	10,155	5.1	516
Born, 11-23-40; proved, 2-17-48;----; Mich.	8 daughters--	12	10,030	5.0	504
Sire, 401054; dam, 1041963.	8 dams-------	23	8,947	5.0	452
Herd Owner, H. Klockziem, Laingsburg.	Difference---	(5-4-6)	+1,083	.0	+52
GAMBOGE BLONDE OF MT. EPHRAIM 414670----------	5 daughters--	8	8,048	5.4	431
Born, 5-19-40; proved, 2-13-48;----; Vt.	5 dams-------	20	8,674	4.9	429
Sire, 376115; dam, 1010664.	Difference---	(2-4-2)	-626	+.5	+2
Herd Owner, Derrick A. Dutton, Springfield.					
GIPSY SYBIL PRINCE 369926----------	20 daughters-	58	6,976	5.6	388
Born, 5-9-35; proved, 2-17-48;----; Pa.	12 daughters-	28	7,575	5.5	418
Sire, 323337; dam, 955268.	12 dams------	62	7,363	5.2	382
Herd Owner, Albert G. McConnell, New Galilee.	Difference---	(7-10-9)	+212	+.3	+36

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GOLD CUP OBSERVER 401253----------	16 daughters-	20	7,021	5.0	352
Born, 7-10-38; proved, 2-27-48;----; Minn.	15 daughters-	19	6,914	5.0	345
Sire, 342460; dam, 934551.	15 dams------	48	5,943	5.3	315
Herd Owner, J. H. Bender, Nevis.	Difference---	(11-3-11)	+971	-.3	+30
GOLDEN DAFFODIL DESIGN 426182----------	8 daughters--	10	6,072	5.6	337
Born, 8-6-39; proved, 2-27-48;----; Ill.	6 daughters--	8	6,341	5.7	363
Sire, 373402; dam, 878919.	6 dams-------	18	6,556	5.5	364
Herd Owner, Albert F. White & Son, Dieterich.	Difference---	(3-4-3)	-215	+.2	-1
GOLDEN ESTELLA VOLUNTEER 346199----------	5 daughters--	6	4,156	4.9	204
Born, 2-28-32; proved, 2-27-48;----; Tenn.	5 dams-------	7	6,191	5.1	316
Sire, 309352; dam, 922872.	Difference---	(0-1-0)	-2,035	-.2	-112
Herd Owner, W. B. Henderson & Son, Memphis.					
GRAYBURN VALIANT STANDARD 393139 *10----------	43 daughters-	106	7,843	5.3	419
Born, 8-4-35; proved, 2-27-48;----; Vt.	34 daughters-	83	7,735	5.3	412
Sire, 73451 CJCC; dam, 69283 CJCC.	34 dams------	117	7,163	5.1	363
Herd Owner, W. C. & F. C. Arms, Burlington.	Difference---	(17-23-18)	+572	+.2	+49
GREENSLOPES DAISY VICTOR 413471----------	10 daughters-	20	6,174	5.4	330
Born, 9-1-36; proved, 2-17-48; dead; Vt.	7 daughters--	15	6,352	5.3	340
Sire, 413470; dam, 1265113.	7 dams-------	30	7,414	4.9	366
Herd Owner, Floyd Stone, Jacksonville.	Difference---	(2-6-3)	-1,062	+.4	-26
HILLTOP REGAL SULTAN 438225----------	9 daughters--	9	7,663	5.1	394
Born, 1-4-42; proved, 2-13-48;----; Pa.	8 daughters--	8	7,596	5.1	387
Sire, 411483; dam, 1212387.	8 dams-------	33	7,048	5.3	376
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(5-2-4)	+548	-.2	+11
IMP. GOLDEN ROYALIST 386228----------	28 daughters-	68	6,900	4.9	340
Born, 10-11-36; proved, 2-27-48;----; Md.	11 daughters-	21	6,323	4.8	304
Sire, P. S. 7059 H. C.; dam, 1137397.	11 dams------	27	7,103	5.0	355
Herd Owner, D. G. Bayer & E. R. Aldridge, Boonsboro.	Difference---	(3-5-4)	-780	-.2	-51
IVANHOE VICEROY 409372----------	11 daughters-	11	7,033	5.6	396
Born, 5-29-39; proved, 2-17-48;----; Kans.	8 daughters--	8	6,809	5.6	379
Sire, 332786; dam, 779775.	8 dams-------	10	7,217	5.2	378
Herd Owner, J. Laurence Byler, Wellington.	Difference---	(3-6-3)	-408	+.4	+1
IXIA'S ROYAL OXFORD PRINCE 426673----------	6 daughters--	7	7,182	5.3	382
Born, 11-19-40; proved, 2-27-48;----; N. Y.	6 dams-------	17	7,108	5.5	394
Sire, 401587; dam, 934135.	Difference---	(3-3-3)	+74	-.2	-12
Used in New York Co-op. A. B. A.					
KING WONDERFUL AIM 402664----------	15 daughters-	16	6,643	5.5	367
Born, 8-11-38; proved, 2-27-48;----; Mo.	5 daughters--	6	6,618	5.4	355
Sire, 393089; dam, 1185558.	5 dams-------	7	5,704	5.1	293
Herd Owner, J. K. Burney, Aurora.	Difference---	(4-4-4)	+914	+.3	+62
LES COTILS PRINCE CHARMING 429393----------	13 daughters-	16	6,083	5.9	360
Born, 8-24-41; proved, 2-4-48;----; Iowa.	12 daughters-	15	6,167	5.9	362
Sire, 403036; dam, 1249356.	12 dams------	38	6,903	5.5	377
Herd Owner, Tom Hanson & Son, Elgin.	Difference---	(3-12-6)	-736	+.4	-15
LILAC CAVALIER CROWN 386328----------	6 daughters--	7	7,153	5.4	383
Born, 2-10-37; proved, 2-27-48;----; Mont.	6 dams-------	11	6,887	5.0	347
Sire, 351003; dam, 1046855.	Difference---	(2-3-2)	+266	+.4	+36
Herd Owner, H. B. Manley, Bozeman.					
LINDELL ROYAL OBSERVER 385828----------	15 daughters-	21	7,872	5.5	430
Born, 11-11-36; proved, 2-17-48; dead; Idaho.	11 daughters-	16	7,935	5.5	438
Sire, 65627 CJCC; dam, 69008 CJCC.	11 dams------	31	7,760	5.5	427
Herd Owner, H. G. Myers, Boise.	Difference---	(7-6-7)	+175	.0	+11
LORD COWLEY DUKE 383797----------	21 daughters-	21	7,161	4.8	347
Born, 9-28-36; proved, 2-27-48;----; Oreg.	21 dams------	40	8,459	5.1	434
Sire, 363440; dam, 1016044.	Difference---	(8-6-4)	-1,298	-.3	-87
Herd Owner, Warner C. Waite, Cushman.					
MILLY'S VOLUNTEER DESIGN 390504 *11----------	7 daughters--	9	9,399	5.6	527
Born, 5-5-37; proved, 2-27-48;----; Tenn.	7 dams-------	19	7,973	5.6	444
Sire, 355580; dam, 1036629.	Difference---	(6-4-5)	+1,426	.0	+83
Used in South Carolina Federated A. B. A., S. C.					
NINA'S CHAMPION TRISTRAM 430497----------	7 daughters--	9	5,302	5.2	274
Born, 9-19-39; proved, 2-2-48;----; Vt.	7 dams-------	18	5,196	4.9	255
Sire, 356247; dam, 1104335.	Difference---	(2-5-3)	+106	+.3	+19
Herd Owner, Howard Brothers, White River Junction.					
PANSY DERBYSHIRE DREAMER 443126 *11----------	10 daughters-	19	8,475	5.6	476
Born, 2-14-41; proved, 2-9-48;----; Pa.	10 dams------	48	9,192	5.3	490
Sire, 316172; dam, 1148446.	Difference---	(3-9-4)	-717	+.3	-14
Used in Nepa Co-op. A. B. A.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PEDRO BARON 411920----------	19 daughters-	44	6,202	5.1	318
Born, 5-6-39; proved, 2-5-48;----; Pa.	11 daughters-	22	6,263	5.1	318
Sire, 390932; dam, 1127693.	11 dams------	47	8,579	4.9	423
Herd Owner, C. L. Amon & Son, Stoneboro.	Difference---	(1-7-1)	-2,316	+.2	-105
PELLUCID MARSHAL STANDARD 429172 *10----------	20 daughters-	40	7,787	5.5	431
Born, 7-16-39; proved, 2-27-48;----; Vt.	20 dams------	79	9,177	5.3	488
Sire, 83909 CJCC; dam, 89965 CJCC.	Difference---	(7-12-6)	-1,390	+.2	-57
Herd Owner, Jorgen Beck, Tunbridge.					
PENSTATE MAID'S COWSLIP 384259----------	13 daughters-	26	6,805	5.6	384
Born, 6-28-37; proved, 2-13-48;----; Pa.	5 daughters--	10	6,625	5.9	389
Sire, 338111; dam, 622765.	5 dams-------	7	5,573	5.8	324
Herd Owner, E. J. Grotzinger Estate, Saint Marys.	Difference---	(4-3-5)	+1,052	+.1	+65
PET NOBLE SON 397454----------	17 daughters-	21	6,618	5.4	356
Born, 11-10-38; proved, 2-27-48;----; Wash.	13 daughters-	15	6,432	5.3	343
Sire, 293805; dam, 1108675.	13 dams------	23	6,938	5.4	376
Herd Owner, F. A. Durrah, Grays River.	Difference---	(4-6-4)	-506	-.1	-33
RAINBOW LAVENDER SYBIL LAD 406667----------	7 daughters--	11	7,514	5.3	396
Born, 9-2-39; proved, 2-2-48; dead; Calif.	6 daughters--	10	7,730	5.3	410
Sire, 382880; dam, 1041973.	6 dams-------	25	9,039	4.9	447
Herd Owner, Peter J. Shields, East Nicolaus.	Difference---	(2-6-2)	-1,309	+.4	-37
ROSENEATH VOLUNTEER PANDRO 452106----------	6 daughters--	6	10,177	5.1	518
Born, 1-14-42; proved, 2-2-48;----; Calif.	6 dams-------	18	8,910	4.9	438
Sire, 408838; dam, 1347344.	Difference---	(3-4-4)	+1,267	+.2	+80
Herd Owner, Mrs. Clara D. Sinclair, Chowchilla.					
ROYAL OXFORD SYBIL NOBLE 375364 *9----------	23 daughters-	40	8,221	5.1	423
Born, 9-26-35; proved, 2-27-48;----; N. Y.	14 daughters-	23	8,003	5.2	416
Sire, 366865; dam, 1040914.	14 dams------	21	7,893	5.2	408
Used in New York Co-op. A. B. A.	Difference---	(8-9-9)	+110	.0	+8
SAM'S JERSEY MAN 434167----------	5 daughters--	5	6,387	5.2	332
Born, 6-26-41; proved, 2-27-48;----; Md.	5 dams-------	12	7,128	4.7	334
Sire, 407050; dam, 1241451.	Difference---	(2-4-3)	-741	+.5	-2
Herd Owner, John W. Bay, Whiteford.					
SAM SYBIL DESIGN PALLAS 428819----------	12 daughters-	15	7,060	5.3	375
Born, 12-19-40; proved, 2-13-48; dead; Mo.	12 dams------	45	7,169	5.3	381
Sire, 400045; dam, 1231904.	Difference---	(5-5-4)	-109	.0	-6
Herd Owner, Elmer Ihrig, Hannibal.					
SENATOR NAPOLEON 422493----------	14 daughters-	17	7,312	5.5	405
Born, 2-6-41; proved, 2-27-48;----; Calif.	7 daughters--	9	7,097	5.7	408
Sire, 393055; dam, 1057350.	7 dams-------	20	8,339	5.1	428
Herd Owner, H. W. Low Ranch, Hughson.	Difference---	(1-7-3)	-1,242	+.6	-20
SENATOR W. P. A. 401772----------	18 daughters-	27	6,751	5.0	340
Born, 1-5-38; proved, 2-4-48; dead; W. Va.	17 daughters-	26	6,790	5.0	342
Sire, 373882; dam, 1007674.	17 dams------	56	6,709	5.4	360
Herd Owner, G. P. Freeland, Mannington.	Difference---	(9-7-7)	+81	-.4	-18
SHARON'S SYBIL PRINCE 377798----------	17 daughters-	20	7,110	4.6	327
Born, 7-28-36; proved, 2-3-48;----; Mich.	13 daughters-	15	6,956	4.4	309
Sire, P. S. 6784 H. C.; dam, 1107054.	13 dams------	36	7,937	5.2	412
Herd Owner, Robert J. Sachett, Marshall.	Difference---	(5-0-1)	-981	-.8	-103
SIMPLY SYBIL'S CHEER 414150----------	10 daughters-	17	7,586	6.1	463
Born, 8-9-40; proved, 2-4-48; dead; Ill.	9 daughters--	14	7,647	6.0	462
Sire, 375898; dam, 1169208.	9 dams-------	37	7,563	5.5	415
Herd Owner, C. Leslie James, Mansfield.	Difference---	(6-8-5)	+84	+.5	+47
SMILAX BEAU SULTAN OF S. S. F. 422988 *(Aug. 1947)----------	11 daughters-	16	7,880	5.5	435
Born, 12-9-40; proved, 2-27-48;----; N. Y.	11 dams------	61	7,575	5.3	402
Sire, 378498; dam, 940199.	Difference---	(6-7-8)	+305	+.2	+33
Used in New York Co-op. A. B. A.					
SMOKY SEQUEL 428843----------	5 daughters--	5	6,920	5.6	386
Born, 6-25-39; proved, 2-17-48; dead; Vt.	5 dams-------	17	6,835	5.3	361
Sire, 356655; dam, 1127470.	Difference---	(2-4-2)	+85	+.3	+25
Herd Owner, Howard H. Farnsworth, Richford.					
SPARKLING DRACONIS ROYAL 402924----------	19 daughters-	25	5,764	4.8	279
Born, 5-24-38; proved, 2-27-48;----; Ga.	14 daughters-	20	5,991	4.8	289
Sire, 374081; dam, 837775.	14 dams------	43	8,040	5.0	404
Herd Owner, Ga. Coastal Plain Experiment Station, Tifton.	Difference---	(2-5-0)	-2,049	-.2	-115
SPARKLING SIR DRACONIS 415017----------	14 daughters-	25	6,571	5.2	344
Born, 11-17-39; proved, 2-27-48;----; Pa.	12 daughters-	23	6,663	5.3	350
Sire, 388076; dam, 1169550.	12 dams------	44	7,279	5.1	368
Herd Owner, Pennsylvania State College, State College.	Difference---	(5-9-4)	-616	+.2	-18

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SPARKLING STANDARD SIR 388076----------	18 daughters-	36	7,259	5.3	382
Born, 6-19-37; proved, 2-27-48;----; Ga.	13 daughters-	31	7,290	5.3	386
Sire, 276574; dam, 837775.	13 dams------	50	7,228	5.1	365
Herd Owner, Ga. Coastal Plain Experiment Station, Tifton.	Difference---	(6-10-9)	+62	+.2	+21
STRAY CURL VOLUNTEER 365922----------	15 daughters-	19	7,936	5.4	429
Born, 3-14-35; proved, 2-5-48;----; Ill.	13 daughters-	17	7,859	5.4	421
Sire, 346193; dam, 922867.	13 dams------	37	7,928	5.3	419
Herd Owner, Glenn Rehn, Cambridge.	Difference---	(7-5-7)	-69	+.1	+2
SYBIL HANDSOME OF QUECHEE 385785----------	14 daughters-	33	5,825	5.1	300
Born, 6-19-36; proved, 2-27-48;----; Vt.	8 daughters--	20	6,126	5.3	323
Sire, 338755; dam, 977578.	8 dams-------	14	7,736	5.4	415
Herd Owner, Howard Goldsmith, White River Junction.	Difference---	(0-3-0)	-1,610	-.1	-92
THOMAS X WONDERFUL BING 414765----------	9 daughters--	13	5,812	5.1	298
Born, 7-3-40; proved, 2-4-48;----; Mich.	8 daughters--	12	5,598	5.1	287
Sire, 374203; dam, 1149410.	8 dams-------	26	5,878	5.3	313
Herd Owner, Yeoman's Jersey Farm, Ionia.	Difference---	(4-3-3)	-280	-.2	-26
TORONO VARSITY VICTOR 380464----------	5 daughters--	6	6,994	5.3	369
Born, 10-27-35; proved, 2-5-48;----; Wis.	5 dams-------	21	7,960	5.0	400
Sire, 379573; dam, 1133813.	Difference---	(2-3-2)	-966	+.3	-31
Herd Owner, Mrs. E. S. Bedell, Manitowoc.					
VICAR OWL LAD 407616----------	8 daughters--	10	5,848	4.8	278
Born, 6-13-39; proved, 2-4-48; dead; Vt.	7 daughters--	9	5,789	4.8	276
Sire, 316141; dam, 851120.	7 dams-------	30	6,861	5.0	343
Herd Owner, R. H. Ranney & Son, Putney.	Difference---	(1-2-1)	-1,072	-.2	-67
VICTOR POGIS ACE PRINCE 417210----------	7 daughters--	12	7,818	5.4	424
Born, 1-9-40; proved, 2-3-48;----; Md.	6 daughters--	10	7,508	5.4	407
Sire, 387067; dam, 1110203.	6 dams-------	28	7,716	5.4	414
Herd Owner, Indian Spring Farm, Darlington.	Difference---	(4-3-4)	-208	.0	-7
VICTORY BOB 372064----------	17 daughters-	32	6,043	5.1	310
Born, 5-1-34; proved, 2-17-48;----; Ohio.	16 daughters-	28	5,959	5.1	306
Sire, 338346; dam, 1068288.	16 dams------	32	7,425	5.4	404
Herd Owner, W. J. Robison & Sons, Thompson.	Difference---	(2-2-2)	-1,466	-.3	-98
VOLUNTEER HAPPY STANDARD 423261----------	8 daughters--	11	10,101	5.6	565
Born, 1-20-41; proved, 2-17-48;----; Wash.	8 dams-------	36	9,553	5.5	523
Sire, 365924; dam, 1178964.	Difference---	(5-4-5)	+548	+.1	+42
Herd Owner, Earl McPherson, Enumclaw.					
WONDERFUL SLEEPER 397053----------	20 daughters-	37	8,119	5.1	416
Born, 10-31-38; proved, 2-4-48;----; Mich.	20 dams------	64	7,865	5.1	400
Sire, 379009; dam, 1065223.	Difference---	(13-12-13)	+254	.0	+16
Herd Owner, North Ridge Jersey Farms, Chesaning.					
385798----------	15 daughters-	33	6,988	4.9	342
Born, ----; proved, 2-4-48; dead; Ariz.	12 daughters-	26	7,025	4.8	341
Sire, ----; dam, ----.	12 dams------	22	6,296	4.8	303
Herd Owner, George W. Peterson, Phoenix.	Difference---	(10-8-10)	+729	.0	+38
13*133478 (BANGS OR TB EARTAG)----------	15 daughters-	19	6,058	5.4	327
Born, ----; proved, 2-6-48;----; Vt.	9 daughters--	11	5,996	5.5	328
Sire, ----; dam, ----.	9 dams-------	19	5,963	5.3	319
Herd Owner, W. E. Wood, Taftsville.	Difference---	(5-6-6)	+33	+.2	+9
13*T160653 (BANGS OR TB EARTAG)----------	7 daughters--	8	5,825	4.7	274
Born, ----; proved, 2-6-48; dead; Vt.	6 daughters--	7	6,166	4.7	292
Sire, ----; dam, ----.	6 dams-------	16	5,333	4.9	260
Herd Owner, Orton Brothers, Plainfield.	Difference---	(6-1-5)	+833	-.2	+32
23-N4830 (DHIA EARTAG)----------	6 daughters--	6	5,890	5.7	335
Born, ----; proved, 2-2-48;----; Pa.	5 daughters--	5	5,818	5.7	333
Sire, ----; dam, ----.	5 dams-------	11	5,433	5.6	302
Herd Owner, Paul Henry, Commodore.	Difference---	(4-4-3)	+385	+.1	+31
54-3550 (DHIA EARTAG)----------	17 daughters-	31	8,319	4.8	397
Born, ----; proved, 2-6-48;----; W. Va.	7 daughters--	11	7,506	5.0	375
Sire, ----; dam, ----.	7 dams-------	8	8,530	4.9	420
Herd Owner, Miss Nettie Jackson, Lewisburg.	Difference---	(3-4-2)	-1,024	+.1	-45
SHORTHORN SIRES					
BAY STATE ALCHEMIST 1679338----------	16 daughters-	35	9,681	3.8	370
Born, 2-15-31; proved, 2-5-48;----; Iowa.	5 daughters--	15	9,997	3.8	379
Sire, 1393036; dam, 1239572.	5 dams-------	9	9,476	3.7	347
Herd Owner, Andrew H. Barnes & Son, Oskaloosa.	Difference---	(4-3-4)	+521	+.1	+32

SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BORG'S SILVER GIFT 1767040----------	9 daughters--	29	9,179	3.9	358
Born, 10-13-33; proved, 2-6-48;----; Minn.	5 daughters--	15	8,983	3.8	346
Sire, 1684968; dam, 1631124.	5 dams-------	20	7,154	4.0	283
Herd Owner, George Schwartau, Cannon Falls.	Difference---	(5-2-5)	+1,829	-.2	+63
FAIRY'S RED CHIEF G. 1726762----------	7 daughters--	13	8,816	3.9	346
Born, 12-18-31; proved, 2-5-48;----; Mich.	5 daughters--	10	8,976	3.9	346
Sire, 1329314; dam, 1255523.	5 dams-------	7	8,530	3.6	307
Herd Owner, Oscar Stimson, Brown City.	Difference---	(4-5-5)	+446	+.3	+39
NORKEN DUKE 3D 2031115----------	7 daughters--	8	7,822	4.1	324
Born, 8-14-40; proved, 2-4-48; alive; Iowa.	6 daughters--	7	7,529	4.1	312
Sire, 1787489; dam, 1860899.	6 dams-------	20	7,447	4.0	298
Herd Owner, Clampitt Farms, New Providence.	Difference---	(3-4-3)	+82	+.1	+14
NORTHLYND COUNT 2033119----------	13 daughters-	17	9,415	4.0	372
Born, 1-17-40; proved, 2-6-48;----; Iowa.	12 daughters-	16	9,713	4.0	386
Sire, 214934 CHB; dam, 273387 CHB.	12 dams------	21	7,277	4.1	297
Herd Owner, Irvin F. Meyer & Sons, McGregor.	Difference---	(10-6-10)	+2,436	-.1	+89
WAVERTREE'S 11TH DEFENDER 2046235----------	8 daughters--	11	7,134	4.1	294
Born, 1-13-41; proved, 2-27-48;----; W. Va.	5 daughters--	7	7,463	4.1	308
Sire, 1912826; dam, 1772455.	5 dams-------	10	6,969	4.2	290
Herd Owner, C. C. Henshaw, Charles Town.	Difference---	(3-1-3)	+494	-.1	+18

AMERICAN DAIRY CATTLE CLUB SIRES

ALBERT OF THORN HILL 381
(This sire is also a registered Guernsey "Albert of Thorn Hill 254064." Proved Sire data included in Guernsey listing.)

CHIEF PIEBE NINE-O-FIVE GERB COLA W S 912
(This sire is also a registered Holstein "Chief Piebe Nine-O-Five Gerb Cola W S 820752." Proved Sire data included in Holstein listing.)

CHIEF PIEBE PRIDE GERB-COLAN 862
(This sire is also a registered Holstein "Chief Piebe Pride Gerb-Colan 826710." Proved Sire data included in Holstein listing.)

GENODALE LADY BOY DICTATOR 949
(This sire is also a registered Holstein "Genodale Lady Boy Dictator 802697." Proved Sire data included in Holstein listing.)

U NEB KARMORE GARBON 129
(This sire is also a registered Holstein "U Neb Karmore Garbon 755353." Proved Sire data included in Holstein listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
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Dairy-Herd-Improvement-Association Letter Vol. 24, No. 4

April 1948

MORE LACTATION RECORDS BEING REPORTED THAN EVER BEFORE

More production records were reported by association supervisors (on form BDI-718) during the first 3 months of 1948 than in any similar period. The total number reported was 72,674, which represents the production records for 8.2 percent of the cows on test January 1, 1948.

New York led the States in number of records reported with a total of 11,572. Wisconsin was second with 9,451, and Pennsylvania was third with 9,157 records reported. Oregon led the States in percentage of records reported.

Thirteen States reported a total number of production records equal to 10 percent or more of the cows on test. They are:

	Percent		Percent
Oregon	17.7	Maryland	11.9
West Virginia	14.9	Virginia	11.9
Kansas	13.3	Wisconsin	11.8
New York	13.2	Iowa	11.4
Pennsylvania	12.9	Vermont	10.8
Maine	12.8	New Mexico	10.4
		Colorado	10.1

The table on page 2 shows the number of records reported during the first 3 months of 1948 by States.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1947 AND 1948

	First 3 months of 1948							1947		
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by - American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association		Records returned 4/	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number		Number	Number	Percent
Maine	9,298	1,193	12.8	0	8	0		42	2,807	33.8
N. H	5,584	288	5.2	0	45	6		33	1,251	24.2
Vt	20,545	2,217	10.8	6	59	22		173	7,888	45.3
Mass	11,396	662	5.8	30	127	25		41	1,909	22.0
R. I	1,198	3	.3	0	15	0		0	27	4.5
Conn	11,182	863	7.7	0	91	46		63	2,946	29.5
N. Y	87,568	11,572	13.2	247	338	87		553	36,219	50.4
Pa	71,137	9,157	12.9	73	241	19		310	25,655	40.3
N. J	21,204	2,005	9.4	0	4	32		88	6,644	32.4
Md	16,014	1,900	11.9	11	84	0		85	7,457	55.6
Del	2,099	0	-	0	1	0		36	922	47.5
Va	31,944	3,786	11.9	0	0	0		349	11,187	35.6
W. Va	6,035	899	14.9	0	10	1		51	4,116	72.0
Ky	7,158	282	3.9	2	0	3		19	1,559	27.4
N. C	5,751	146	2.5	0	50	0		4	380	8.1
S. C	1,750	0	-	0	0	3		0	0	-
Ga	4,094	83	2.0	5	0	0		3	454	14.2
Fla	2,155	17	.8	0	5	0		3	31	-
Ala	0	0	-	0	0	0		0	0	-
Miss	1,370	127	9.3	0	0	0		5	596	26.5
Tenn	6,238	0	-	3	0	0		0	410	10.0
La	2,190	36	1.6	0	0	0		4	97	7.2
Ark	0	0	-	0	0	0		0	0	-
Ohio	24,077	1,674	7.0	1	168	95		91	4,892	21.0
Ind	23,590	1,188	5.0	20	47	61		29	3,089	15.5
Ill	34,485	2,174	6.3	53	40	198		125	6,255	17.6
Mich	43,474	2,831	6.5	0	57	59		98	13,666	36.2
Wis	80,091	9,451	11.8	27	0	226		391	35,318	47.0
Minn	41,110	3,379	8.2	0	2	57		218	16,433	43.2
Iowa	35,239	4,002	11.4	0	29	117		170	15,276	54.4
Mo	14,062	1,364	9.7	0	2	8		62	2,485	20.8
N. Dak	1,029	64	6.2	0	0	0		0	5	-
S. Dak	1,587	63	4.0	0	0	7		18	182	15.5
Nebr	4,340	202	4.7	8	5	15		2	599	25.8
Kans	11,478	1,522	13.3	0	45	16		176	3,613	48.3
Okla	2,937	91	3.1	0	0	0		12	206	9.5
Tex	11,648	424	3.6	0	4	0		136	479	8.2
Mont	4,294	143	3.3	0	4	0		10	512	14.1
Idaho	7,423	541	7.3	0	4	0		12	1,051	21.0
Wyo	0	3	-	0	45	1		1	59	5.3
Nev	882	5	6	0	0	0		2	317	32.0
Utah	9,800	428	4.4	0	0	0		18	1,927	24.2
Colo	4,886	493	10.1	0	9	7		19	1,033	24.1
N. Mex	1,417	147	10.4	0	0	0		4	80	4.5
Ariz	7,953	256	3.2	0	0	0		3	686	12.3
Wash	27,292	2,523	9.2	0	24	7		274	8,026	34.1
Ore	14,046	2,492	17.7	0	12	7		70	2,737	19.3
Calif	153,079	1,969	1.3	0	24	10		27	5,761	4.2
P. R	0	0	-	0	0	0		0	0	-
Hawaii	(3)	9	_	0	0	0		0	73	17.0
U. S	886,129	72,674	8.2	487	1,600	1,135		3,830	237,316	30.6

1/ Includes cows enrolled since January 1, 1948.
2/ Production records reported on BDI-718.
3/ No report.
4/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED IN MARCH 1948

Following is a list of 126 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in March 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been reported as being used in an artificial breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FAIR MEADOWS DAIRYMAN 59856----------	6 daughters--	13	9,810	4.2	413
Born, 10-26-38; proved, 3-31-48;----; N. Y.	6 dams-------	24	9,397	3.8	357
Sire, 54157; dam, 100840.	Difference---	(3-5-4)	+413	+.4	+56
Herd Owner, Robert Leslie Gifford, Canandaigua.					
LIPPITT HILL WHITE MAN 49348----------	11 daughters-	21	7,279	4.0	288
Born, 6-11-34; proved, 3-31-48;----; Conn.	5 daughters--	7	7,049	4.1	288
Sire, 45059; dam, 97151.	5 dams-------	14	9,384	3.7	346
Herd Owner, Hillyland Farm, Willimantic.	Difference---	(1-4-1)	-2,335	+.4	-58
MANN'S ANDREW OF SCOT-AYR. 60003----------	7 daughters--	8	8,150	4.1	333
Born, 11-9-38; proved, 3-30-48;----; N. Y.	6 daughters--	7	8,203	4.0	331
Sire, 47700; dam, 160674.	6 dams-------	13	8,169	4.0	328
Herd Owner, Allison Mann, Prattsburg.	Difference---	(3-4-3)	+34	.0	+3
NETHERHALL SWANKY DAN, IMP. 58641----------	25 daughters-	40	7,009	4.0	278
Born, 8-28-35; proved, 3-30-48;----; Ill.	8 daughters--	9	6,501	4.0	262
Sire, 54912; dam, 111103.	8 dams-------	9	6,968	3.7	260
Herd Owner, Scottwood Farms, Huntley.	Difference---	(3-7-4)	-467	+.3	+2
PENSHURST JIM 58950----------	15 daughters-	20	9,654	4.3	417
Born, 4-16-38; proved, 3-30-48;----; Pa.	7 daughters--	8	11,475	4.5	517
Sire, 43060; dam, 174110.	7 dams-------	21	8,787	4.4	386
Herd Owner, Neshaminy Farms, Newtown.	Difference---	(6-4-6)	+2,688	+.1	+131
PENSHURST RED MAGNET 58826----------	12 daughters-	15	7,697	4.1	317
Born, 5-18-38; proved, 3-24-48;----; Pa.	6 daughters--	6	7,351	4.3	315
Sire, 50792; dam, 126921.	6 dams-------	13	8,332	3.9	325
Herd Owner, Robert Harnish, Christiana.	Difference---	(2-5-3)	-981	+.4	-10
PENSHURST SIR PEG 58787----------	11 daughters-	13	9,114	4.1	370
Born, 3-9-38; proved, 3-24-48; dead; N. Y.	8 daughters--	9	9,304	4.0	377
Sire, 46463; dam, 141753.	8 dams-------	17	8,582	4.0	339
Herd Owner, Frank Winkler, Middleburg.	Difference---	(6-4-6)	+722	.0	+38
SYCAMORE GLISTENING SUN 60262----------	14 daughters-	16	9,896	3.9	383
Born, 12-5-38; proved, 3-31-48;----; Md.	10 daughters-	11	9,852	3.9	383
Sire, 51654; dam, 170239.	10 dams------	11	11,402	3.6	416
Herd Owner, Hopewell Farm, Parkton.	Difference---	(2-10-4)	-1,550	+.3	-33
WHITPAIN MASTER 59799----------	11 daughters-	31	9,434	3.7	353
Born, 9-12-38; proved, 3-31-48;----; Pa.	8 daughters--	24	9,296	3.8	353
Sire, 44209; dam, 127473.	8 dams-------	33	9,357	3.8	360
Herd Owner, F. M. Kintigh, Irwin.	Difference---	(4-3-5)	-61	.0	-7
WHITPAIN RED MAN 66191----------	5 daughters--	7	9,354	4.2	391
Born, 12-31-40; proved, 3-11-48;----; Pa.	5 dams-------	9	8,780	4.3	375
Sire, 43060; dam, 138979.	Difference---	(2-2-2)	+574	-.1	+16
Used in Central Ohio Co-op. A. B. A., Ohio.					
WHITPAIN TIP TOP 59335----------	10 daughters-	22	7,266	4.2	306
Born, 5-23-38; proved, 3-30-48;----; Ohio.	6 daughters--	15	7,089	4.2	298
Sire, 44209; dam, 154021.	6 dams-------	16	8,320	4.0	333
Herd Owner, Ellis Evans, Newark.	Difference---	(2-5-2)	-1,231	+.2	-35
BROWN SWISS SIRES					
BONNIE'S FERDNAND OF STANSWISS 58918----------	6 daughters--	15	10,784	4.1	446
Born, 3-7-39; proved, 3-26-48;----; N. Y.	6 dams-------	21	10,045	4.0	405
Sire, 30157; dam, 103545.	Difference---	(4-3-4)	+739	+.1	+41
Herd Owner, Stanswiss Farm, Canandaigua.					
FRISKY'S BROWN JIMMY 50382----------	8 daughters--	11	8,599	3.7	320
Born, 6-20-40; proved, 3-31-48;----; Mich.	8 dams-------	34	7,561	3.7	279
Sire, 33410; dam, 55377.	Difference---	(6-5-6)	+1,038	.0	+41
Herd Owner, August Semmerling, Bessemer.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GOODWIN'S BARON OF HILLSDALE 48039----------	6 daughters--	6	10,502	4.4	467
Born, 2-16-40; proved, 3-24-48;----; Iowa.	6 dams-------	24	9,410	4.2	393
Sire, 33080; dam, 44359.	Difference---	(4-4-4)	+1,092	+.2	+74
Herd Owner, Earl I. Bruce, Altoona.					
JANE'S ROYAL OF VERNON 28594----------	42 daughters-	78	12,881	4.2	538
Born, 9-10-31; proved, 3-10-48;----; N. J.	5 daughters--	8	11,365	4.0	457
Sire, 21760; dam, 29496.	5 dams-------	9	13,941	3.8	533
Herd Owner, Lee's Hill Farm, Morristown.	Difference---	(1-4-1)	-2,576	+.2	-76
PRIDE'S REX BOY 38932 *9----------	17 daughters-	66	10,580	4.2	444
Born, 4-29-35; proved, 3-31-48;----; Iowa.	16 daughters-	64	10,608	4.2	445
Sire, 19420; dam, 44049.	16 dams------	84	10,678	4.1	434
Used in Dairy Genetics A. B. A., Inc.	Difference---	(9-11-9)	-70	+.1	+11
PRIVET'S ROYAL OF LEE'S HILL 33535 *9----------	51 daughters-	118	9,146	4.0	368
Born, 8-23-35; proved, 3-24-48;----; Vt.	34 daughters-	74	8,846	4.1	359
Sire, 28594; dam, 36503.	34 dams------	128	9,187	4.0	369
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(13-22-14)	-341	+.1	-10
VRON'S CHAMPION OF WALHALLA 24277----------	13 daughters-	23	9,085	4.0	367
Born, 1-22-30; proved, 3-31-48;----; N. Y.	5 daughters--	10	9,351	4.1	385
Sire, 11393; dam, 11024.	5 dams-------	9	8,374	4.1	341
Herd Owner, Albert E. Dean & Son, Sherman.	Difference---	(4-4-4)	+977	.0	+44
GUERNSEY SIRES					
BAYVILLE GAY BUTTERBOY 231993----------	8 daughters--	12	4,769	5.1	243
Born, 7-30-35; proved, 3-31-48;----; Va.	5 daughters--	8	4,850	5.1	246
Sire, 213272; dam, 398355.	5 dams-------	9	6,003	5.2	311
Herd Owner, T. M. Painter Estate, Pulaski.	Difference---	(1-3-1)	-1,153	-.1	-65
BELLE'S RELIANCE'S TEDDY 264343----------	8 daughters--	12	5,025	5.1	257
Born, 2-2-38; proved, 3-31-48;----; N. Y.	7 daughters--	11	5,253	5.1	267
Sire, 240982; dam, 181660.	7 dams-------	15	7,173	4.5	319
Herd Owner, Elmer Pfaffenbach, Schenectady.	Difference---	(1-6-1)	-1,920	+.6	-52
BIRCHFIELD JO-KING 264663----------	28 daughters-	50	7,062	5.0	350
Born, 4-2-38; proved, 3-31-48;----; Pa.	20 daughters-	38	6,722	5.0	334
Sire, 205129; dam, 287477.	20 dams------	103	7,456	4.8	356
Herd Owner, Paul W. Lewis, Washington.	Difference---	(4-17-7)	-734	+.2	-22
BRECHINWOOD HOMELAND GALLANT 286477----------	6 daughters--	7	9,898	5.2	517
Born, 5-6-40; proved, 3-31-48;----; Conn.	6 dams-------	23	9,276	4.8	443
Sire, 256235; dam, 391968.	Difference---	(3-6-5)	+622	+.4	+74
Herd Owner, Selden Brothers, East Hampton.					
CEWALD'S PATRICK 265227----------	15 daughters-	23	8,146	4.9	400
Born, 5-3-38; proved, 3-31-48;----; Mich.	6 daughters--	8	8,397	4.7	393
Sire, 235390; dam, 403720.	6 dams-------	14	7,996	4.2	339
Herd Owner, Charles E. Wetherald, Grand Blanc.	Difference---	(4-6-4)	+401	+.5	+54
FOREMOST ROYAL PRECISION 262257----------	8 daughters--	12	7,353	4.9	362
Born, 12-17-37; proved, 3-24-48;----; Maine.	7 daughters--	11	7,592	5.0	382
Sire, 185651; dam, 249165.	7 dams-------	18	9,155	4.7	432
Herd Owner, Hidden Acres, Farmington.	Difference---	(1-6-2)	-1,563	+.3	-50
FRANKLIN OF ELMGROVE 247787----------	26 daughters-	80	6,718	4.6	306
Born, 8-12-36; proved, 3-30-48;----; Ohio.	20 daughters-	61	6,938	4.5	314
Sire, 156598; dam, 334120.	20 dams------	66	6,782	4.7	316
Herd Owner, Bryson & Sweigart, Saint Marys.	Difference---	(10-7-9)	+156	-.2	-2
FRIENDSHIP CLIMAX'S REGENT 265499----------	5 daughters--	7	7,381	5.2	386
Born, 3-29-37; proved, 3-31-48;----; N. Y.	5 dams-------	16	8,556	4.9	420
Sire, 146507; dam, 293370.	Difference---	(1-4-1)	-1,175	+.3	-34
Herd Owner, G. B. Richards & Sons, Perry.					
GRASSLAND NEEFUS 265675----------	16 daughters-	25	7,865	4.2	333
Born, 8-4-38; proved, 3-31-48;----; Conn.	7 daughters--	9	7,367	4.3	319
Sire, 245753; dam, 475887.	7 dams-------	24	7,576	4.8	365
Herd Owner, Twin Wing Farm, Putnam.	Difference---	(3-1-1)	-209	-.5	-46
GREEN MEADS PROUD GALLANT 264695----------	9 daughters--	17	6,708	4.9	329
Born, 3-28-38; proved, 3-31-48;----; Wis.	5 daughters--	11	5,816	5.0	292
Sire, 216866; dam, 501584.	5 dams-------	37	7,417	4.8	358
Herd Owner, Luxerin Farm, Fond du Lac.	Difference---	(0-3-1)	-1,601	+.2	-66
HERO OF SKYLINE 266159----------	12 daughters-	18	4,396	4.7	206
Born, 5-26-38; proved, 3-31-48;----; Va.	8 daughters--	13	5,087	4.7	240
Sire, 227091; dam, 437944.	8 dams-------	52	6,152	4.4	272
Herd Owner, F. W. Brugh, Fincastle.	Difference---	(3-5-3)	-1,065	+.3	-32

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LAUREL LOCKS PRIDE 265964----------	15 daughters-	18	8,131	5.3	433
Born, 6-10-38; proved, 3-31-48;----; Pa.	9 daughters--	11	7,740	5.3	410
Sire, 216237; dam, 424237.	9 dams-------	16	6,424	5.1	327
Herd Owner, Laurel Locks Farm, Pottstown.	Difference---	(5-5-6)	+1,316	+.2	+83
LONE ROCK'S GLEN 267752----------	7 daughters--	7	7,349	4.8	351
Born, 12-20-37; proved, 3-10-48;----; Wis.	7 dams-------	16	7,684	5.1	394
Sire, 242758; dam, 357661.	Difference---	(3-2-1)	-335	-.3	-43
Herd Owner, Elmer J. Niles, Mauston.					
MASSAPOAG SULTAN 265916----------	5 daughters--	9	7,248	4.7	343
Born, 1-8-37; proved, 3-24-48;----; Conn.	5 dams-------	9	8,402	4.6	390
Sire, 184045; dam, 425697.	Difference---	(1-3-1)	-1,154	+.1	-47
Herd Owner, Pharos Farm, Simsbury.					
MAY QUEEN'S MARSHALL 265824----------	9 daughters--	11	6,464	4.9	315
Born, 10-9-37; proved, 3-31-48;----; Kans.	5 daughters--	6	6,470	4.9	316
Sire, 236446; dam, 284307.	5 dams-------	22	6,804	4.4	300
Herd Owner, Floyd Irons, Horton.	Difference---	(2-4-3)	-334	+.5	+16
MCDONALD FARMS DENLEY 289531----------	13 daughters-	19	9,272	4.9	453
Born, 8-16-38; proved, 3-10-48; alive; N. Y.	6 daughters--	11	9,018	5.0	453
Sire, 233983; dam, 557949.	6 dams-------	23	8,535	4.8	407
Used in New York Co-op. A. B. A.	Difference---	(5-6-5)	+483	+.2	+46
MILADDIE OF CHINQUAK PARK 238915----------	8 daughters--	10	7,412	4.8	354
Born, 11-20-35; proved, 3-31-48;----; Wis.	5 daughters--	6	7,948	4.7	377
Sire, 170968; dam, 190876.	5 dams-------	6	10,357	4.5	466
Herd Owner, Frank M. Leonhard, Tony.	Difference---	(0-3-1)	-2,409	+.2	-89
PRINCE'S MASHER CHRISTOPHER 292771----------	7 daughters--	13	7,582	4.9	374
Born, 6-4-40; proved, 3-31-48;----; Pa.	5 daughters--	9	7,985	4.9	394
Sire, 248565; dam, 618594.	5 dams-------	18	6,305	4.9	307
Herd Owner, George S. Havens, New Hope.	Difference---	(4-3-4)	+1,680	.0	+87
RIVEREDGE ALERT'S PRIMATE 290511----------	7 daughters--	7	7,608	5.3	405
Born, 3-1-40; proved, 3-24-48;----; Pa.	5 daughters--	5	7,621	5.4	410
Sire, 236364; dam, 295960.	5 dams-------	16	8,652	5.0	430
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(1-4-1)	-1,031	+.4	-20
TARBELL FARMS PEERLESS VALOR 287967----------	6 daughters--	7	7,981	5.1	405
Born, 3-6-40; proved, 3-24-48; alive; N. Y.	6 dams-------	19	7,472	5.2	391
Sire, 214202; dam, 440220.	Difference---	(4-2-4)	+509	-.1	+14
Used in New York Co-op. A. B. A.					
TITAN'S REX 262968----------	8 daughters--	8	7,704	4.8	366
Born, 8-2-38; proved, 3-31-48;----; Vt.	8 dams-------	29	8,656	5.0	431
Sire, 215317; dam, 360151.	Difference---	(3-4-2)	-952	-.2	-65
Herd Owner, Paul H. Phillips, Ludlow.					
U. N. H. FEARLESS MASTER 252607----------	20 daughters-	25	6,989	4.5	316
Born, 10-8-36; proved, 3-31-48;----; N. H.	16 daughters-	20	7,329	4.6	334
Sire, 182161; dam, 356396.	16 dams------	52	8,239	4.6	379
Herd Owner, Hampshire Hills Farms Co., Wilton.	Difference---	(4-8-5)	-910	.0	-45
VICTOR'S GAY LAD 263080----------	8 daughters--	11	8,860	4.5	398
Born, 12-9-37; proved, 3-31-48;----; N. Y.	6 daughters--	9	9,003	4.4	400
Sire, 215520; dam, 474535.	6 dams-------	10	8,715	4.4	385
Herd Owner, Mrs. W. J. O'Neil, Skaneateles.	Difference---	(3-4-3)	+288	.0	+15
VILLA-WAY TRIUMPH 257579----------	12 daughters-	18	7,554	4.5	337
Born, 2-18-37; proved, 3-10-48; dead; Ohio.	10 daughters-	15	7,501	4.5	340
Sire, 227565; dam, 451117.	10 dams------	17	7,334	5.0	363
Herd Owner, O. R. Reed & Sons, Delaware.	Difference---	(7-1-4)	+167	-.5	-23
WELCOME-IN WHITTIER 248963----------	17 daughters-	41	6,265	4.7	292
Born, 3-19-36; proved, 3-30-48;----; Ohio.	16 daughters-	39	6,241	4.6	290
Sire, 204888; dam, 385691.	16 dams------	51	6,934	4.8	331
Herd Owner, W. P. Whittier & W. L. Pierce, Galena.	Difference---	(7-5-5)	-693	-.2	-41
WILLOW BROOK'S SLOGAN 291972----------	7 daughters--	12	6,705	4.5	304
Born, 10-18-39; proved, 3-10-48; dead; Ohio.	5 daughters--	9	6,399	4.5	286
Sire, 217319; dam, 455206.	5 dams-------	8	10,108	4.3	433
Herd Owner, Fred Porter, Marengo.	Difference---	(0-4-0)	-3,709	+.2	-147
23-R4000 (DHIA EARTAG)----------	8 daughters--	18	9,844	4.7	467
Born, ----; proved, 3-24-48;----; Pa.	6 daughters--	14	9,865	4.7	462
Sire, ----; dam, ----.	6 dams-------	21	11,824	4.7	561
Herd Owner, Chester R. Graham, Morrisdale.	Difference---	(2-3-1)	-1,959	.0	-99
35*EC67721 (BANGS OR TB EARTAG)----------	8 daughters--	11	8,904	4.9	432
Born, ----; proved, 3-25-48;----; Wis.	5 daughters--	7	8,945	4.9	437
Sire, ----; dam, ----.	5 dams-------	7	8,690	5.0	437
Herd Owner, John Parslow, River Falls.	Difference---	(2-3-2)	+255	-.1	0

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AMES CREATOR ROYAL 852296----------	11 daughters-	14	11,644	3.4	400
Born, 10-14-41; proved, 3-29-48;----; Iowa.	9 daughters--	11	11,746	3.4	403
Sire, 768252; dam, 1937954.	9 dams-------	26	9,805	3.7	360
Herd Owner, Carl B. Jensen & Son, Ruthven.	Difference---	(7-3-7)	+1,941	-.3	+43
AMES PONTIAC PREMIER 815207----------	15 daughters-	18	13,264	3.7	485
Born, 9-16-40; proved, 3-31-48;----; Iowa.	13 daughters-	16	13,483	3.6	489
Sire, 702489; dam, 1939769.	13 dams------	31	12,432	3.3	414
Herd Owner, Iowa State College, Ames.	Difference---	(10-13-12)	+1,051	+.3	+75
BAKER FARM KELLY 817045----------	10 daughters-	11	10,261	3.6	365
Born, 8-17-40; proved, 3-31-48;----; Wis.	7 daughters--	8	9,844	3.6	353
Sire, 733981; dam, 1827469.	7 dams-------	27	11,298	3.5	397
Herd Owner, Clyman Farms, Inc., Watertown.	Difference---	(1-6-1)	-1,454	+.1	-44
BEECHWOOD MONTVIC BONHEUR ROYAL 815915----------	7 daughters--	9	12,000	3.4	413
Born, 9-4-40; proved, 3-31-48;----; Wis.	6 daughters--	8	11,935	3.3	397
Sire, 743480; dam, 2023954.	6 dams-------	19	11,081	3.3	366
Herd Owner, Leo Becker, Rubicon.	Difference---	(5-4-4)	+854	.0	+31
BESSLYN SKYLARK ORMSBY FOBES 790366----------	8 daughters--	8	10,582	3.7	390
Born, 12-22-39; proved, 3-31-48;----; Wis.	8 dams-------	12	9,212	3.6	329
Sire, 711381; dam, 1815765.	Difference---	(4-7-5)	+1,370	+.1	+61
Used in Eastern Iowa A. B. A., Inc., Iowa.					
CARNATION HAZELWOOD KORNDYKE LAD 792129 *(July 1947)------	23 daughters-	27	10,680	3.5	371
Born, 3-10-40; proved, 3-25-48;----; N. Y.	21 daughters-	25	10,743	3.5	376
Sire, 629480; dam, 1771810.	21 dams------	65	11,247	3.5	394
Used in Broome Co-op. A. B. A.	Difference---	(9-12-10)	-504	.0	-18
CARNATION INKA EMPEROR 682072 *(Feb. 1947)----------	25 daughters-	45	12,529	3.7	460
Born, 10-27-33; proved, 3-25-48;----; Pa.	17 daughters-	32	12,661	3.7	467
Sire, 629472; dam, 1203409.	17 dams------	45	12,116	3.5	420
Used in Broome Co-op. A. B. A., N. Y.	Difference---	(11-14-12)	+545	+.2	+47
CARNATION SPOFFORD RENOWN 849688----------	8 daughters--	10	11,778	3.7	436
Born, 1-20-42; proved, 3-29-48;----; Colo.	8 dams-------	28	12,675	3.7	468
Sire, 771562; dam, 1972623.	Difference---	(3-4-2)	-897	.0	-32
Herd Owner, Myron Stratton Home, Colorado Springs.					
CORNELL NEPTUNE KING (TWIN) 848001----------	10 daughters-	10	14,782	4.0	591
Born, 3-28-42; proved, 3-11-48; alive; Calif.	7 daughters--	7	14,564	3.9	563
Sire, 671669; dam, 1935161.	7 dams-------	15	14,090	3.8	529
Herd Owner, Earl Graham & Sons, Modesto.	Difference---	(4-5-4)	+474	+.1	+34
CLYMER ORMSBY SPRINGROCK (TWIN) 687058----------	5 daughters--	13	11,256	3.6	403
Born, 12-1-32; proved, 3-31-48;----; Colo.	5 dams-------	21	10,398	3.2	335
Sire, 652178; dam, 1516779.	Difference---	(2-4-3)	+858	+.4	+68
Herd Owner, Fred C. Clymer, Grand Junction.					
CORRECTION ADMIRAL FOBES 844304----------	11 daughters-	13	11,350	3.6	403
Born, 4-19-41; proved, 3-31-48;----; Wis.	11 dams------	63	11,805	3.5	412
Sire, 774225; dam, 953191.	Difference---	(4-8-5)	-455	+.1	-9
Herd Owner, Lloyd Kurtz, Hales Corners.					
DUKE FAYNE ANCHOR 845243----------	23 daughters-	28	13,346	3.2	433
Born, 2-7-41; proved, 3-31-48;----; Pa.	23 dams------	65	11,938	3.4	409
Sire, 683840; dam, 1622337.	Difference---	(14-8-14)	+1,408	-.2	+24
Herd Owner, Woodville State Hospital, Woodville.					
DUKE WILSON POSCH 747241 *(Aug. 1947)----------	34 daughters-	47	11,728	3.4	404
Born, 2-19-37; proved, 3-25-48; dead; N. Y.	20 daughters-	25	11,526	3.4	391
Sire, 661108; dam, 1625666.	20 dams------	59	11,591	3.5	404
Used in Broome Co-op. A. B. A.	Difference---	(9-10-8)	-65	-.1	-13
DUNLOGGIN KNIGHT 820084----------	26 daughters-	29	13,598	3.6	483
Born, 2-15-41; proved, 3-31-48;----; Md.	24 daughters-	27	13,664	3.6	485
Sire, 751640; dam, 1835740.	24 dams------	61	12,647	3.5	437
Herd Owner, Frank G. Remsberg, Middletown.	Difference---	(15-16-13)	+1,017	+.1	+48
ECHO RAG APPLE SEGIS PONTIAC 826879----------	9 daughters--	10	13,497	3.7	505
Born, 11-27-40; proved, 3-31-48;----; Mich.	6 daughters--	7	14,189	3.7	521
Sire, 122947 CHB; dam, 309584 CHB.	6 dams-------	11	13,089	3.6	470
Herd Owner, Virgil Warren, Coopersville.	Difference---	(4-4-5)	+1,100	+.1	+51
ECHO VALLEY ADMIRAL PEARL COLANTHA 816300----------	15 daughters-	15	9,059	3.5	313
Born, 12-29-40; proved, 3-31-48;----; Wis.	14 daughters-	14	9,151	3.5	317
Sire, 741309; dam, 1917164.	14 dams------	29	9,158	3.5	317
Herd Owner, Fond du Lac Co. Farm, Fond du Lac.	Difference---	(8-6-7)	-7	.0	0
ELCO FINGERLAKES CHIEF 849536----------	5 daughters--	5	9,158	3.6	330
Born, 4-5-42; proved, 3-24-48; alive; N. Y.	5 dams-------	19	10,905	3.5	385
Sire, 749126; dam, 2079937.	Difference---	(1-3-1)	-1,747	+.1	-55
Herd Owner, Earl Beard, Cortland.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ELMWOOD INKA NEELTJE 827241----------	13 daughters-	20	13,703	3.4	460
Born, 10-16-40; proved, 3-26-48;----; Wis.	6 daughters--	8	14,281	3.3	474
Sire, 742676; dam, 2016623.	6 dams-------	14	11,723	3.2	379
Herd Owner, Alvin Elmer, Brooklyn.	Difference---	(4-4-4)	+2,558	+.1	+95
FAIRBAIRN SYLVESTRAN ADVANTAGE 824305----------	15 daughters-	17	10,647	3.4	360
Born, 2-25-40; proved, 3-10-48; dead; N. Y.	8 daughters--	9	9,995	3.3	331
Sire, 722112; dam, 1591535.	8 dams-------	14	9,602	3.1	299
Herd Owner, Basil Du Mond, Walton.	Difference---	(5-6-7)	+393	+.2	+32
FOBES SEGIS ORMSBY PIEBE 829646----------	9 daughters--	14	10,968	4.0	434
Born, 3-26-41; proved, 3-29-48;----; Pa.	7 daughters--	11	11,067	4.0	441
Sire, 741488; dam, 1929056.	7 dams-------	25	10,736	3.6	390
Herd Owner, John H. Clouse, Newville.	Difference---	(4-6-4)	+331	+.4	+51
HAWAII KING TIDY CORNFLOWER 730149 *9----------	32 daughters-	81	12,026	3.2	387
Born, 2-13-36; proved, 3-1-48;----; Hawaii.	21 daughters-	50	11,864	3.2	377
Sire, 652277; dam, 1552050.	21 dams------	64	10,476	3.1	327
Herd Owner, Hawaiian Agricultural Co., Pahala.	Difference---	(15-11-17)	+1,388	+.1	+50
HEADSON SEGIS VEEMAN 827825----------	8 daughters--	10	10,522	3.6	374
Born, 3-30-41; proved, 3-31-48;----; N. Y.	8 dams-------	30	12,365	3.3	403
Sire, 764306; dam, 1781641.	Difference---	(1-8-3)	-1,843	+.3	-29
Herd Owner, Linn Head & Sons, Waterville.					
IA-TR-SCHOOL SIR MAID RHODA 832401----------	16 daughters-	22	9,095	3.3	297
Born, 3-22-40; proved, 3-31-48;----; Iowa.	16 dams------	34	8,632	3.1	266
Sire, 659218; dam, 1590208.	Difference---	(10-14-11)	+463	+.2	+31
Herd Owner, Ray I. Child & Son, Masonville.					
INKA ORMSBY HOMESTEAD LAD 827553----------	6 daughters--	6	11,925	3.7	444
Born, 8-28-40; proved, 3-10-48;----; Iowa.	5 daughters--	5	11,914	3.8	450
Sire, 772082; dam, 1966799.	5 dams-------	21	11,547	3.8	438
Herd Owner, James Olson, Milford.	Difference---	(3-3-2)	+367	.0	+12
KING SPINKER PIEBE BUTTER BOY 829083----------	9 daughters--	11	10,031	3.3	330
Born, 6-1-41; proved, 3-26-48;----; Pa.	7 daughters--	9	10,030	3.3	329
Sire, 700841; dam, 1667821.	7 dams-------	30	12,179	3.3	402
Herd Owner, Edgar W. Weaner, Gettysburg.	Difference---	(1-4-1)	-2,149	.0	-73
KORNDYKE PIEBE COLANTHA ORMSBY 780326----------	18 daughters-	22	12,418	3.6	450
Born, 6-3-39; proved, 3-31-48;----; N. Y.	16 daughters-	20	12,518	3.6	452
Sire, 723121; dam, 1757649.	16 dams------	53	12,781	3.5	453
Herd Owner, Ralph E. Pierce & Son, Himrod.	Difference---	(6-11-7)	-263	+.1	-1
LAUXMONT ADMIRAL COMBINE 800230 *(July 1947)----------	14 daughters-	27	14,200	3.6	518
Born, 12-6-39; proved, 3-31-48;----; Iowa.	14 dams------	54	12,391	3.6	445
Sire, 696612; dam, 1728928.	Difference---	(12-11-12)	+1,809	.0	+73
Used in Eastern Iowa A. B. A., Inc.					
LUCKY DAY ORMSBY VICKERY 849443----------	8 daughters--	8	11,213	3.5	389
Born, 3-11-42; proved, 3-11-48;----; Wis.	8 dams-------	31	10,683	3.3	355
Sire, 817905; dam, 2082355.	Difference---	(6-7-6)	+530	+.2	+34
Herd Owner, Wittwer Brothers, Belleville.					
MALLARY FARM RAG APPLE DON 834874----------	10 daughters-	12	9,975	3.4	338
Born, 4-12-41; proved, 3-11-48;----; Vt.	7 daughters--	7	9,579	3.4	325
Sire, 653486; dam, 2001626.	7 dams-------	23	10,825	3.2	351
Herd Owner, J. B. Clark, Highgate Springs.	Difference---	(3-6-3)	-1,246	+.2	-26
MAPLEWAY SIR BESSIE WINKJE 827606----------	6 daughters--	6	11,387	3.6	406
Born, 1-30-41; proved, 3-11-48; dead; Pa.	6 dams-------	22	10,189	3.6	370
Sire, 748073; dam, 1567064.	Difference---	(5-3-5)	+1,198	.0	+36
Herd Owner, Linair Dairy, Waverly.					
MARATHON DOUBLE ORMSBY LAD 762204 *(March 1947)----------	14 daughters-	20	13,378	3.5	473
Born, 11-20-37; proved, 3-10-48; alive; N. Y.	14 dams------	37	12,582	3.6	452
Sire, 658975; dam, 1429185.	Difference---	(9-6-10)	+796	-.1	+21
Herd Owner, F. Murray Wigsten, Poughkeepsie.					
MAYWOOD CHIEFTAIN PRIDE 844890----------	8 daughters--	10	12,542	3.7	461
Born, 2-15-42; proved, 3-11-48; alive; Ill.	8 dams-------	27	14,306	3.4	486
Sire, 792389; dam, 1806191.	Difference---	(1-7-2)	-1,764	+.3	-25
Herd Owner, Alfred Shipp, Manteno.					
MEIERKORD TRIUNE SUPREME INKA 789867----------	12 daughters-	13	13,698	3.4	464
Born, 11-7-39; proved, 3-25-48;----; Kans.	10 daughters-	11	13,852	3.4	470
Sire, 765084; dam, 1933605.	10 dams------	29	11,384	3.4	390
Herd Owner, Luther Shetlar, Conway Springs.	Difference---	(8-8-8)	+2,468	.0	+80
M F SIR PRIDE ADANTHA 846425----------	11 daughters-	11	14,465	3.7	530
Born, 9-24-41; proved, 3-29-48;----; N. Y.	10 daughters-	10	14,070	3.6	513
Sire, 784131; dam, 2209707.	10 dams------	47	13,792	3.5	483
Herd Owner, Machold Farms, Ellisburg.	Difference---	(6-8-6)	+278	+.1	+30

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MONTVIC RAG APPLE TRAILBLAZER 854210----------	8 daughters--	8	12,075	3.6	439
Born, 4-5-42; proved, 3-29-48;----; N. J.	7 daughters--	7	12,342	3.6	446
Sire, 129946 CHB; dam, 213882 CHB.	7 dams-------	26	12,128	3.6	443
Used in New Jersey Co-op. A. B. A. #1, Inc.	Difference---	(5-3-4)	+214	.0	+3
NEVADA KORNDYKE ORMSBY 863087----------	13 daughters-	16	15,727	3.6	561
Born, 7-1-41; proved, 3-31-48;----; Nev.	12 daughters-	14	15,750	3.6	559
Sire, 787022; dam, 1395922.	12 dams------	31	13,937	3.5	485
Herd Owner, Oats Brothers, Fallon.	Difference---	(10-7-9)	+1,813	+.1	+74
NEWMONT MAJOR 6TH 811743----------	10 daughters-	14	10,926	3.8	412
Born, 8-5-40; proved, 3-25-48;----; N. J.	6 daughters--	8	11,220	3.8	422
Sire, 731387; dam, 1429185.	6 dams-------	18	12,563	3.8	479
Used in New Jersey Co-op. A. B. A. #1, Inc.	Difference---	(1-3-1)	-1,343	.0	-57
NEWMONT MAJOR 16TH 827038----------	5 daughters--	6	8,983	3.8	337
Born, 3-12-41; proved, 3-10-48;----; Vt.	5 dams-------	20	10,486	3.6	381
Sire, 731387; dam, 1931688.	Difference---	(1-2-2)	-1,503	+.2	-44
Herd Owner, Howard R. Hubbell, Enosburg Falls.					
N J E S CHIEF SANDRA GOLIAH 749201 *(Apr. 1947)----------	28 daughters-	42	11,907	3.5	418
Born, 3-24-37; proved, 3-31-48;----; N. J.	20 daughters-	28	12,236	3.6	435
Sire, 675841; dam, 1625178.	20 dams------	75	10,924	3.5	378
Used in New Jersey Experiment Station A. B. A.	Difference---	(13-15-14)	+1,312	+.1	+57
N J E S CONQUEROR ABILITY KEITH 842237----------	5 daughters--	5	11,448	3.6	411
Born, 12-27-41; proved, 3-29-48;----; N. J.	5 dams-------	12	11,649	3.7	435
Sire, 673525; dam, 1538212.	Difference---	(1-1-2)	-201	-.1	-24
Used in New Jersey Co-op. A. B. A. #1, Inc.					
N J E S CONQUEROR DRABA KENNETH 822065 *(June 1947)-------	10 daughters-	14	10,744	4.2	448
Born, 3-24-41; proved, 3-10-48; alive; N. J.	9 daughters--	13	10,619	4.2	444
Sire, 673525; dam, 1709711.	9 dams-------	32	11,495	3.8	431
Used in New Jersey Experiment Station A. B. A.	Difference---	(3-9-6)	-876	+.4	+13
NORTH STAR LINCOLN LAD 791874----------	12 daughters-	12	11,463	3.6	408
Born, 2-12-40; proved, 3-25-48;----; Minn.	9 daughters--	9	12,045	3.6	428
Sire, 742938; dam, 1990022.	9 dams-------	19	9,498	3.6	346
Herd Owner, Alvin Burman & Son, Cedar.	Difference---	(7-5-7)	+2,547	.0	+82
ORMSBY FAYNE ONA 754118 *(May 1947)----------	8 daughters--	8	14,572	3.5	507
Born, 9-20-37; proved, 3-31-48;----; Iowa	8 dams-------	24	13,541	3.4	466
Sire, 670092; dam, 1824363.	Difference---	(6-5-6)	+1,031	+.1	+41
Used in Eastern Iowa A. B. A., Inc.					
ORMSBY SPECIAL POSCH 821901----------	8 daughters--	8	13,283	3.6	472
Born, 1-22-41; proved, 3-31-48;----; Colo.	8 dams-------	25	11,640	3.7	435
Sire, 756954; dam, 1839491.	Difference---	(6-3-5)	+1,643	-.1	+37
Herd Owner, Luthern Sanatorium, Wheat Ridge.					
PABST BARTA BELMONT WAYNE 839306----------	11 daughters-	11	13,411	3.6	484
Born, 10-25-41; proved, 3-31-48;----; Wis.	11 dams------	29	12,128	3.4	413
Sire, 761980; dam, 1813148.	Difference---	(8-9-8)	+1,283	+.2	+71
Herd Owner, William C. Tank, Sr., Sauk City.					
PABST SIR ADMIRAL ETNA 832578----------	5 daughters--	5	14,865	3.7	557
Born, 8-24-41; proved, 3-11-48;----; Wis.	5 dams-------	17	14,237	3.7	532
Sire, 786035; dam, 1913976.	Difference---	(2-4-3)	+628	.0	+25
Herd Owner, Arthur Karstaedt, Newton.					
PRINCE PRESCOTT ORMSBY 718213----------	7 daughters--	9	9,898	3.2	315
Born, 2-23-35; proved, 3-25-48;----; N. Y.	7 dams-------	18	11,328	3.4	382
Sire, 668721; dam, 1533337.	Difference---	(1-1-1)	-1,430	-.2	-67
Herd Owner, Emerson E. Ritchie, Richville.					
SIEBECKER JOE CANARY 830036----------	7 daughters--	7	10,440	3.8	393
Born, 4-17-41; proved, 3-11-48;----; Wis.	7 dams-------	21	10,368	3.5	358
Sire, 749872; dam, 1833588.	Difference---	(5-6-5)	+72	+.3	+35
Herd Owner, Benjamin Miller, Juda.					
SIR ABBEKERK WALKER HIEMKE 829480----------	8 daughters--	12	11,286	3.3	374
Born, 10-18-40; proved, 3-26-48; dead; N. J.	6 daughters--	10	11,184	3.4	377
Sire, 794418; dam, 2250146.	6 dams-------	17	12,061	3.3	397
Herd Owner, Byron M. Johnson, Allentown.	Difference---	(2-5-2)	-877	+.1	-20
SIR DOUG BURK PIEBE GERB-COLA JOHAN 830325----------	5 daughters--	6	11,242	3.6	408
Born, 4-26-41; proved, 3-11-48; alive; Maine.	5 dams-------	13	12,042	3.4	408
Sire, 660575; dam, 1973762.	Difference---	(2-4-3)	-800	+.2	0
Used in Maine Co-op. A. B. A.					
SIR MILLY ORMSBY BEETS 826837----------	12 daughters-	14	11,270	3.4	389
Born, 11-5-40; proved, 3-25-48;----; N. Y.	9 daughters--	10	10,615	3.5	367
Sire, 603793; dam, 1739339.	9 dams-------	18	12,248	3.6	438
Herd Owner, Carlton Chambers, Walton.	Difference---	(2-2-2)	-1,633	-.1	-71

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SNOW MONOGRAM 800014 *(July 1947)----------	15 daughters-	23	11,821	3.5	409
Born, 7-14-39; proved, 3-31-48;----; Iowa.	15 dams------	58	13,278	3.4	455
Sire, 122443 CHB; dam, 2024283.	Difference---	(5-11-5)	-1,457	+.1	-46
Used in Dairy Genetics A. B. A., Inc.					
SPRINGBANK MODEL ARISTOCRAT 831581----------	13 daughters-	18	15,698	3.2	510
Born, 11-13-40; proved, 3-29-48;----; N. Y.	13 dams------	64	14,121	3.4	484
Sire, 95520 CHB; dam, 211836 CHB.	Difference---	(10-2-8)	+1,577	-.2	+26
Herd Owner, Machold Farms, Ellisburg.					
SPRINGBANK RAG APPLE ABBEKERK (TWIN) 845794----------	12 daughters-	16	14,770	3.5	511
Born, 2-5-40; proved, 3-29-48;----; Mich.	9 daughters--	12	14,658	3.5	507
Sire, 787641; dam, 356731 CHB.	9 dams-------	29	13,156	3.6	475
Herd Owner, Charles Heckathorn, Three Oaks.	Difference---	(7-3-5)	+1,502	-.1	+32
STANVER GOVERNOR ORMSBY JOE 803878 *(Apr. 1947)----------	19 daughters-	32	13,152	3.7	481
Born, 9-23-39; proved, 3-31-48;----; N. Y.	19 dams------	102	12;719	3.7	467
Sire, 705181; dam, 1538496.	Difference---	(14-9-13)	+433	.0	+14
Used in Connecticut A. B. A., Inc., Conn.					
THISTLE HILL FIELDMASTER 858540----------	9 daughters--	13	11,048	3.5	390
Born, 10-22-41; proved, 3-30-48;----; N. Y.	8 daughters--	11	10,787	3.6	386
Sire, 727609; dam, 1795522.	8 dams-------	24	11,050	3.4	379
Herd Owner, Harry G. Goodson, Deansboro.	Difference---	(5-7-5)	-263	+.2	+7
WAUPUN HOMESTEAD REX 780586 *11----------	10 daughters-	19	14,832	3.6	533
Born, 5-21-39; proved, 3-31-48;----; Iowa.	9 daughters--	17	14,748	3.6	530
Sire, 662102; dam, 1425505.	9 dams-------	36	12,148	3.5	419
Used in Eastern Iowa A. B. A., Inc.	Difference---	(7-6-8)	+2,600	+.1	+111
WINTERTHUR NEBRASKA POSCH TEDEKA 756552----------	9 daughters--	11	11,703	3.8	445
Born, 1-5-38; proved, 3-25-48;----; Conn.	6 daughters--	7	11,804	3.8	449
Sire, 671310; dam, 1810732.	6 dams-------	23	10,445	3.5	361
Used in Connecticut A. B. A., Inc.	Difference---	(4-5-5)	+1,359	+.3	+88
WRIGHT NANCY CHIEF TRITOMIA 820131----------	10 daughters-	12	10,690	3.6	384
Born, 11-30-40; proved, 3-31-48;----; Iowa.	9 daughters--	11	10,622	3.6	378
Sire, 749574; dam, 1816781.	9 dams-------	41	10,885	3.6	395
Used in Eastern Iowa A. B. A., Inc.	Difference---	(5-5-5)	-263	.0	-17
22-B1882 (DHIA EARTAG)----------	12 daughters-	21	9,917	3.3	327
Born, ----; proved, 3-30-48;----; N. J.	11 daughters-	20	9,826	3.3	325
Sire, ----; dam, ----.	11 dams------	18	11,809	3.3	390
Herd Owner, State Hospital, Greystone Park.	Difference---	(2-7-3)	-1,983	.0	-65
35*HE10491 (BANGS OR TB EARTAG)----------	7 daughters--	12	12,299	3.6	444
Born, ----; proved, 3-31-48;----; Wis.	7 dams-------	26	9,353	3.6	337
Sire, ----; dam, ----.	Difference---	(6-4-6)	+2,946	.0	+107
Herd Owner, Bennett Brothers, River Falls.					
35*HE35575 (BANGS OR TB EARTAG)----------	5 daughters--	5	11,388	3.2	363
Born, ----; proved, 3-31-48;----; Wis.	5 dams-------	12	13,869	3.2	447
Sire, ----; dam, ----.	Difference---	(1-2-1)	-2,481	.0	-84
Herd Owner, Clark McConnell, Ripon.					
35*HY62228 (BANGS OR TB EARTAG)----------	10 daughters-	15	10,738	3.4	367
Born, ----; proved, 3-31-48;----; Wis.	5 daughters--	7	10,307	3.4	354
Sire, ----; dam, ----.	5 dams-------	9	9,729	3.6	351
Herd Owner, Roy J. Schmidt, Two Rivers.	Difference---	(3-2-2)	+578	-.2	+3
95-1049 (DHIA EARTAG) *9----------	35 daughters-	77	10,126	3.2	322
Born, ----; proved, 3-1-48; dead; Hawaii.	26 daughters-	59	10,521	3.2	334
Sire, ----; dam, ----.	26 dams------	111	8,809	3.4	297
Herd Owner, Hutchinson Sugar Co., Naalehu.	Difference---	(21-8-16)	+1,712	-.2	+37
JERSEY SIRES					
BONNIE OWL CANUTE 385196 *9----------	35 daughters-	81	6,693	4.9	328
Born, 7-29-37; proved, 3-31-48;----; Vt.	32 daughters-	74	6,787	4.9	332
Sire, 298411; dam, 860185.	32 dams------	133	6,832	5.0	344
Herd Owner, Hewitt Moore, North Pomfret.	Difference---	(17-12-12)	-45	-.1	-12
CHECKMATE MIGHTY STANDARD 38781----------	19 daughters-	31	7,750	5.0	387
Born, 6-28-37; proved, 3-30-48;----; Mo.	11 daughters-	19	7,924	4.9	392
Sire, P.S. 7019 H.C.; dam, 1144152.	11 dams------	29	8,064	5.1	413
Herd Owner, Mrs. L. V. Lehmer, Oregon.	Difference---	(5-4-4)	-140	-.2	-21
CRYSTAL STAR OXFORD SULTAN 382828 *8----------	27 daughters-	84	7,846	5.1	404
Born, 8-11-36; proved, 3-31-48;----; Vt.	27 dams------	104	6,797	5.1	346
Sire, 337128; dam, 839133.	Difference---	(18-15-19)	+1,049	.0	+58
Herd Owner, Harold J. Turner, Bethel.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DREAMING ROBIN NONESUCH 447609----------	5 daughters--	6	7,841	5.3	415
Born, 10-26-41; proved, 3-31-48;----; Iowa.	5 dams-------	17	7,749	5.2	406
Sire, 405566; dam, 1215648.	Difference---	(2-3-4)	+92	+.1	+9
Used in Eastern Iowa A. B. A., Inc.					
FAWN CARRY ON 389806----------	14 daughters-	28	7,731	5.3	410
Born, 8-28-37; proved, 3-31-48;----; Wash.	10 daughters-	20	7,322	5.3	387
Sire, 293805; dam, 1057952.	10 dams------	27	7,917	5.1	401
Herd Owner, C. O. Osgood & Sons, Elma.	Difference---	(4-8-4)	-595	+.2	-14
IMP. DOMINO'S REGAL HERITAGE 421058----------	10 daughters-	12	7,025	5.3	375
Born, 10-17-40; proved, 3-30-48;----; Ill.	8 daughters--	9	6,819	5.3	363
Sire, 411483; dam, 1257766.	8 dams-------	24	7,814	5.6	435
Herd Owner, James C. Franklin, De Land.	Difference---	(2-4-1)	-995	-.3	-72
LION FARM'S COME SON 292917----------	41 daughters-	150	9,513	5.2	494
Born, 3-5-28; proved, 3-31-48;----; Wash.	15 daughters-	46	9,938	5.3	526
Sire, 218664; dam, 702485.	15 dams------	26	8,693	5.4	467
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(9-7-10)	+1,245	-.1	+59
MODEST DAISY'S DESIGN 416923----------	6 daughters--	10	5,074	5.3	271
Born, 6-11-40; proved, 3-30-48;----; Wis.	6 dams-------	20	7,911	5.6	439
Sire, 398792; dam, 1077814.	Difference---	(0-2-1)	-2,837	-.3	-168
Herd Owner, Clark & Paddicombe, Sturtevant.					
ROYALISTE VOLUNTEER 405577----------	8 daughters--	8	9,600	5.1	488
Born, 8-13-39; proved, 3-31-48;----; Iowa.	6 daughters--	6	9,403	5.3	497
Sire, 371003; dam, 1101320.	6 dams-------	11	8,387	5.3	443
Used in Dairy Genetics A. B. A., Inc.	Difference---	(5-4-5)	+1,016	.0	+54
SMOKY VICTOR DOUBLE 414945----------	8 daughters--	11	9,273	4.6	428
Born, 11-23-39; proved, 3-30-48;----; Iowa.	7 daughters--	10	9,307	4.7	436
Sire, 401481; dam, 1238484.	7 dams-------	17	7,560	5.2	393
Herd Owner, Iowa State College, Ames.	Difference---	(6-3-5)	+1,747	-.5	+43
THOMAS' X WONDER 402577----------	9 daughters--	15	6,969	5.1	357
Born, 6-26-39; proved, 3-30-48;----; Mich.	8 daughters--	13	6,672	5.1	339
Sire, 374203; dam, 1149410.	8 dams-------	20	6,348	5.2	331
Herd Owner, Charles T. Voorhees, Albion.	Difference---	(5-4-6)	+324	-.1	+8
VALIANT STANDARD PADDY 388550----------	7 daughters--	9	4,840	5.3	256
Born, 7-6-37; proved, 3-24-48;----; Minn.	6 daughters--	7	5,065	5.3	269
Sire, 365317; dam, 959747.	6 dams-------	8	4,935	4.9	243
Herd Owner, W. O. Gauerke, Claremont.	Difference---	(2-4-4)	+130	+.4	+26
VOLUNTEER BLONDE LIBERATOR 409084 *10----------	16 daughters-	36	6,692	5.6	371
Born, 4-26-39; proved, 3-11-48;----; Iowa.	13 daughters-	31	6,444	5.6	358
Sire, 331755; dam, 1170510.	13 dams------	29	6,750	5.5	374
Herd Owner, Tom Hanson & Son, Elgin.	Difference---	(5-7-4)	-306	+.1	-16
WONDERFUL AIM X 405995----------	7 daughters--	10	7,505	5.3	401
Born, 8-6-39; proved, 3-31-48;----; Iowa.	5 daughters--	8	7,572	5.5	418
Sire, 374203; dam, 1158811.	5 dams-------	14	8,112	5.3	429
Used in Dairy Genetics A. B. A., Inc.	Difference---	(1-3-3)	-540	+.2	-11
13-A2000 (DHIA EARTAG)----------	6 daughters--	6	6,951	4.9	344
Born, ----; proved, 3-30-48;----; Vt.	6 dams-------	26	8,515	4.9	419
Sire, ----; dam, ----.	Difference---	(1-3-1)	-1,564	.0	-75
Herd Owner, Roy O. Heald, Proctorsville.					

SHORTHORN SIRES

MARTHA'S BUTTERMAN 2042183----------	8 daughters--	10	6,745	4.0	267
Born, 8-7-40; proved, 3-24-48;----; Iowa.	8 dams-------	18	4,806	4.1	196
Sire, 1911393; dam, 1934798.	Difference---	(8-3-6)	+1,939	-.1	+71
Herd Owner, J. A. Liverca, Buffalo Center.					

AMERICAN DAIRY CATTLE CLUB SIRES

BONNIE'S FERDNAND OF STANSWISS 717
(This sire is also a registered Brown Swiss "Bonnie's Ferdnand of Stanswiss 58918." Proved sire data included in Brown Swiss listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 24, No. 5

May 1948

SUMMARY OF THE PROVED-SIRE RECORDS COMPILED IN 1947

The following tabulations give a brief summary of the proved-sire records compiled from dairy-herd-improvement-association data in 1947:

Table 1.--Number of sires reported alive or dead, and the production of their daughters compared with that of the daughters' dams

Status of sires	Sires		Average production					
			Dams			Daughters		
			Milk		Butterfat	Milk		Butterfat
	Number	Percent	Pounds	Percent	Pounds	Pounds	Percent	Pounds
Living--------	533	14	9,968	4.0	399	10,300	4.1	421
Dead----------	2,125	56	9,823	3.9	384	9,670	3.9	381
Not reported--	1,162	30	9,648	4.0	383	9,398	4.0	376
Total or average-----	3,820	100	9,790	3.9	386	9,675	4.0	385

Table 2.--Number of living sires listed by age and breed

Age (years)	Ayr-shire	Brown Swiss	Guern-sey	Hol-stein	Jersey	Short-horn	Red Dane	American Dairy Cattle Club Sires	Total
5	-	-	-	4	2	-	-	-	6
6	3	1	5	37	8	-	-	-	54
7	13	5	19	44	21	-	-	1	103
8	11	3	34	72	32	1	-	-	153
9	12	6	16	44	12	3	-	-	93
10	4	2	13	28	9	1	-	-	57
11	3	-	13	11	3	-	-	-	30
12	1	-	4	6	3	1	-	-	15
13	-	-	2	4	-	-	-	-	6
14	-	-	-	4	2	-	-	-	6
15	1	-	-	1	-	-	-	-	2
18	-	-	-	1	-	-	-	-	1
No report	-	-	-	2	1	-	4	-	7
Total	48	17	106	258*	93*	6	4	1	533

* Five of the Holstein sires and three of the Jersey sires are also registered in the American Dairy Cattle Club.

Table 3.--Sires that maintained, increased, or decreased butterfat production, grouped according to the production range of the dams to which they were mated

Butterfat production range of dams (pounds)	Sires	Sires that Maintained or increased production	Sires that Decreased production	Dam-and-daughter pairs	Average production: Dams Milk	Dams Butterfat	Dams Butterfat	Daughters Milk	Daughters Butterfat	Daughters Butterfat
	Number	Number	Number	Number	Pounds	Percent	Pounds	Pounds	Percent	Pounds
175-199----	4	3	1	23	5,070	3.8	192	5,911	4.0	235
200-224----	5	4	1	37	5,817	3.7	213	7,619	3.6	276
225-249----	18	14	4	121	6,249	3.8	240	7,129	3.9	279
250-274----	60	45	15	513	6,596	4.0	265	7,211	4.1	296
275-299----	130	85	45	1,018	7,318	3.9	289	7,777	4.0	314
300-324----	251	177	74	2,028	7,976	3.9	313	8,263	4.0	333
325-349----	457	275	182	3,878	8,454	4.0	338	8,766	4.0	353
350-374----	679	348	331	6,264	9,031	4.0	363	9,042	4.1	368
375-399----	710	310	400	6,297	9,810	3.9	387	9,594	4.0	383
400-424----	613	258	355	5,722	10,503	3.9	411	10,200	3.9	403
425-449----	442	171	271	4,008	11,217	3.9	436	10,884	3.9	424
450-474----	263	100	163	2,279	11,820	3.9	461	11,353	3.9	445
475-499----	123	32	91	1,129	12,235	4.0	485	11,399	4.0	451
500-524----	42	14	28	332	13,572	3.8	510	12,792	3.8	483
525-549----	13	3	10	79	14,237	3.7	532	12,638	3.8	486
550-574----	6	1	5	32	15,625	3.6	560	13,747	3.6	493
575-599----	2	0	2	16	16,926	3.5	587	16,610	3.5	579
600-624----	2	0	2	14	16,171	3.7	605	12,781	3.7	472
Total or average	3,820	1,840	1,980	33,790	9,790	3.9	386	9,675	4.0	385

Table 4. Number of proved sires listed by States and breeds

State	Breed								American Dairy Cattle Club Sires 1/	Total 1/
	Ayrshire 1/	Brown Swiss 1/	Guernsey 1/	Holstein 1/	Jersey 1/	Red Dane	Red Polled	Shorthorn 1/		
Ala----------	--	--	-	--	4	--	--	--	--	4
Ariz----------	2	--	5	11	5	--	--	--	--	23
Calif---------	5	3	11	33	10	--	--	--	--	62
Colo----------	1	1	2	23	1	--	--	--	1	28
Conn----------	43	13	41	28	14	--	--	1	--	140
Del----------	3	1	5	7	4	--	--	--	--	20
Fla----------	2	--	1	--	--	--	--	--	--	3
Ga----------	--	--	2	2	5	--	--	--	--	9
Hawaii--------	--	--	--	1	--	--	--	--	--	1
Idaho---------	3	--	5	11	9	--	--	--	--	28
Ill----------	9	56	50	139	23	--	--	5	6	283
Ind----------	8	25	37	26	12	--	--	1	2	109
Iowa----------	12	42	61	167	33	--	2	14	--	331
Kans----------	11	13	12	58	11	--	--	9	1	114
Ky----------	--	1	1	14	9	--	--	1	1	26
La----------	--	--	--	1	4	--	--	--	--	5
Maine---------	10		21	31	20	--	--	2	--	84
Md----------	40	2	37	36	27	--	--	1	--	143
Mass----------	39	7	13	18	8	--	--	1	2	87
Mich----------	16	19	68	130	42	7	--	9	--	291
Minn----------	--	9	46	127	10	--	1	7	2	200
Miss----------	--	--	--	--	2	--	--	--	--	2
Mo----------	--	--	11	23	29	--	--	1	--	64
Mont----------	6	--	--	2	--	--	--	--	--	8
Nebr----------	2	1	1	14	1	--	--	--	2	19
Nev----------	--	--	--	3	--	--	--	--	--	3
N. H----------	17	3	12	22	11	--	--	1	--	66
N. J----------	10	9	31	83	13	--	--	--	--	146
N. Mex--------	--	--	--	1	--	--	--	--	--	1
N. Y----------	95	20	69	343	48	--	--	2	29	583
N. C----------	6	--	3	--	1	--	--	--	--	10
N. Dak--------	--	--	--	1	--	--	--	--	--	1
Ohio----------	44	17	28	52	22	--	--	1	3	165
Okla----------	--	--	--	2	2	--	--	--	--	4
Oreg----------	1	1	2	2	10	--	--	--	--	16
Pa----------	63	15	35	322	95	--	--	3	5	633
R. I----------	9	--	--	1	1	--	--	--	--	11
S. C----------	--	1	--	--	--	--	--	--	--	1
S. Dak--------	--	2	--	2	--	--	--	--	--	4
Tenn----------	--	--	--	--	14	--	--	1	--	15
Tex----------	--	--	--	7	10	--	--	1	--	18
Utah----------	--	--	2	17	6	--	--	--	--	25
Vt----------	32	5	30	57	79	--	--	2	--	205
Va----------	3	--	73	60	13	--	--	2	--	151
Wash----------	3	1	14	34	35	--	--	--	--	87
W. Va---------	14	5	12	24	17	--	--	1	--	73
Wis----------	9	61	100	407	19	--	--	11	2	607
Wyo----------	--	--	--	1	--	--	--	--	--	1
Total 2/	285	177	750	1,975	558	7	3	57	47 3/	3,820

1/ The number listed for each State frequently includes 1 or more sires proved with records from some other State as well as from the State indicated.
2/ The totals given here omit duplication of sires.
3/ Thirty-nine of the American Dairy Cattle Club sires are also registered in other breed associations.

DHIA PROVED-SIRE RECORDS TABULATED IN APRIL 1948

Following is a list of 345 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in April 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been reported as being used in an artificial breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CACAPON BRIGHT STAR 8TH (TWIN) 61387----------	10 daughters-	12	7,383	3.8	282
Born, 3-20-39; proved, 4-22-48;----; W. Va.	9 daughters--	10	7,331	3.9	283
Sire, 39232; dam, 142004.	9 dams-------	23	7,379	3.8	277
Herd Owner, Avalon Ayr. Farms, Short Creek.	Difference---	(3-6-6)	-48	+.1	+6
CACAPON LETO 15TH'S GAMMA 58118 *9----------	23 daughters-	47	9,112	4.3	393
Born, 12-27-37; proved, 4-30-48;----; W. Va.	20 daughters-	41	9,280	4.3	400
Sire, 33081; dam, 148106.	20 dams------	50	9,430	4.2	396
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(11-12-11)	-150	+.1	+4
ECHO LAKE EARL'S HARRY 60367----------	9 daughters--	15	8,128	3.6	294
Born, 11-21-38; proved, 4-15-48;----; Minn.	6 daughters--	10	7,722	3.6	279
Sire, 49520; dam, 143279.	6 dams-------	7	7,840	4.1	321
Herd Owner, R. J. Gallinger, Westport.	Difference---	(3-0-2)	-118	-.5	-42
FIELDSTONE REVOLUTION 49943----------	13 daughters-	37	7,880	3.8	298
Born, 9-20-34; proved, 4-20-48;----; Md.	5 daughters--	11	7,991	3.8	304
Sire, 45295; dam, 144442.	5 dams-------	15	6,654	3.9	258
Herd Owner, Daniel Raffel, Sparks.	Difference---	(3-2-3)	+1,337	-.1	+46
GLENCOE'S LAD OF TOLL GATE 64885 *11----------	23 daughters-	36	9,022	4.1	373
Born, 4-12-39; proved, 4-30-48;----; Conn.	21 daughters-	34	8,921	4.1	368
Sire, 44854; dam, 112025.	21 dams------	70	9,697	4.0	390
Used in Massachusetts A. B. A., Mass.	Difference---	(9-15-9)	-776	+.1	-22
SOUTH CRAIG SWANKY BOY 52209----------	14 daughters-	22	9,299	4.1	382
Born, 9-1-31; proved, 4-28-48;----; Ill.	6 daughters--	10	9,605	4.1	396
Sire, 45430; dam, 175090.	6 dams-------	10	8,789	3.8	337
Herd Owner, Glen Urquhart Farms, Barrington.	Difference---	(3-6-4)	+816	+.3	+59
SPRING HILLS LUCKY BARR 51953----------	16 daughters-	29	7,803	3.9	302
Born, 8-26-35; proved, 4-20-48;----; Md.	6 daughters--	9	7,553	3.6	275
Sire, 49305; dam, 87416.	6 dams-------	14	8,197	4.2	347
Herd Owner, University of Maryland, College Park.	Difference---	(3-0-0)	-644	-.6	-72
STONEHOLM LINTEL LAD 65368----------	10 daughters-	19	7,232	4.2	303
Born, 5-4-40; proved, 4-23-48;----; Vt.	8 daughters--	15	7,336	4.2	306
Sire, 41058; dam, 122435.	8 dams-------	38	8,208	4.4	358
Herd Owner, Lloyd W. Jewett, Chester Depot.	Difference---	(2-1-2)	-872	-.2	-52
STRATHGLASS ROYAL DOUGLAS 48722----------	20 daughters-	64	9,831	4.0	392
Born, 4-15-34; proved, 4-5-48; dead; N. Y.	9 daughters--	23	9,543	4.0	382
Sire, 41921; dam, 103808.	9 dams-------	28	11,981	4.2	508
Herd Owner, Iroquois Farm, Cooperstown.	Difference---	(2-3-1)	-2,438	-.2	-126
STRATHGLASS TRUE FAME 60989----------	7 daughters--	9	7,019	3.9	273
Born, 3-4-39; proved, 4-29-48;----; Maine.	6 daughters--	7	7,336	3.9	283
Sire, 51655; dam, 154420.	6 dams-------	11	9,053	4.0	364
Herd Owner, Dr. E. A. Center, Steep Falls.	Difference---	(1-2-1)	-1,717	-.1	-81
SYCAMORE SPICY JIM 47586----------	18 daughters-	26	10,245	3.8	389
Born, 8-25-33; proved, 4-12-48;----; Ohio.	8 daughters--	11	10,893	3.8	418
Sire, 44209; dam, 139852.	8 dams-------	23	9,804	3.9	379
Herd Owner, Valley Stock Farm, Urbana.	Difference---	(5-4-5)	+1,089	-.1	+39
WHITPAIN ASPIRATION 60317----------	6 daughters--	9	9,116	3.9	353
Born, 12-1-38; proved, 4-5-48;----; Mich.	6 dams-------	15	7,832	3.7	292
Sire, 49137; dam, 153995.	Difference---	(4-4-4)	+1,284	+.2	+61
Herd Owner, Ayr. Fields Farm, Lapeer.					
WOOD FORD OLD NICK 48247----------	7 daughters--	18	7,786	4.0	311
Born, 2-23-33; proved, 4-5-48;----; Conn.	5 daughters--	15	7,978	4.1	328
Sire, 34995; dam, 112353.	5 dams-------	8	9,118	4.1	370
Herd Owner, Wood Ford Farm, Avon.	Difference---	(1-3-1)	-1,140	.0	-42
WOODHILL STAR BLEND 51990----------	12 daughters-	23	9,715	3.9	382
Born, 7-23-35; proved, 4-22-48; dead; N. Y.	5 daughters--	13	9,908	4.0	401
Sire, 34996; dam, 132573.	5 dams-------	10	8,426	4.0	334
Herd Owner, Dunshire Farm, Troy.	Difference---	(4-3-5)	+1,482	.0	+67

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WOODHULL SCOTTISH LADDIE 52565----------	7 daughters--	10	8,785	3.8	336
Born, 11-5-32; proved, 4-28-48;----; Kans.	5 daughters--	7	9,725	3.8	372
Sire, 39764; dam, 99933.	5 dams-------	16	7,084	4.2	297
Herd Owner, Floyd Jackson, Hutchinson.	Difference---	(5-2-4)	+2,641	-.4	+75
WRIGHT'S SWANKY SANDY 60882----------	5 daughters--	9	7,217	4.2	302
Born, 1-21-39; proved, 4-29-48;----; Ind.	5 dams-------	14	9,492	4.0	382
Sire, 53542; dam, 106580.	Difference---	(1-5-1)	-2,275	+.2	-80
Herd Owner, Dr. Edgar D. Wright, North Manchester.					

BROWN SWISS SIRES

BEN R. OF REDWING 50633----------	8 daughters--	10	8,703	3.7	324
Born, 12-25-40; proved, 4-15-48;----; Wis.	5 daughters--	6	8,433	3.7	316
Sire, 39966; dam, 53391.	5 dams-------	15	9,167	4.0	371
Herd Owner, Richard Behnke & Sons, Hilbert.	Difference---	(1-0-0)	-734	-.3	-55
BLANCHE BARON SEPPLI 49466----------	8 daughters--	10	11,612	3.9	453
Born, 7-3-40; proved, 4-20-48;----; Ill.	8 dams-------	41	11,603	4.1	474
Sire, 32615; dam, 34932.	Difference---	(3-1-3)	+9	-.2	-21
Herd Owner, Frank F. Ochsner, Dakota.					
BONICK MAID'S BARON 33080 *11----------	23 daughters-	42	11,813	3.8	454
Born, 7-8-35; proved, 4-15-48;----; Iowa.	17 daughters-	31	12,123	3.8	462
Sire, 17460; dam, 20719.	17 dams------	54	9,807	4.0	392
Used in Eastern Iowa A. B. A., Inc.	Difference---	(15-5-15)	+2,316	-.2	+70
BOWERHOME SEPTANA'S ADORABLE 50499----------	13 daughters-	20	8,323	4.1	342
Born, 1-31-41; proved, 4-20-48;----; Ind.	11 daughters-	17	8,561	4.1	353
Sire, 25100; dam, 37032.	11 dams------	45	10,909	3.9	422
Herd Owner, George Hubenthal, Lucerne.	Difference---	(2-8-3)	-2,348	+.2	-69
DAME'S BUSTER J. B. 48947----------	10 daughters-	11	9,297	4.1	380
Born, 1-20-41; proved, 4-5-48;----; Wis.	10 dams------	54	10,101	3.9	392
Sire, 31073; dam, 45322.	Difference---	(3-9-5)	-804	+.2	-12
Herd Owner, Otto Bentz, Cedarburg.					
DOLLIE'S COLUMBUS 50793----------	6 daughters--	8	12,367	4.3	528
Born, 2-2-41; proved, 4-26-48;----; Ohio.	5 daughters--	7	12,593	4.4	548
Sire, 42946; dam, 38962.	5 dams-------	6	10,797	4.2	452
Herd Owner, L. P. Kaylor, Lakeville	Difference---	(4-4-4)	+1,796	+.2	+96
DOTTIE'S FOXWOOD GLORY 51890----------	7 daughters--	8	12,946	3.8	497
Born, 10-23-41; proved, 4-29-48;----; Mich.	6 daughters--	7	12,576	3.9	485
Sire, 40472; dam, 46835.	6 dams-------	14	11,184	3.8	424
Herd Owner, R. B. Gotfredson, Detroit.	Difference---	(5-3-4)	+1,392	+.1	+61
ELM VALLEY CHALLENGER 56032----------	5 daughters--	5	11,708	3.6	424
Born, 10-27-41; proved, 4-26-48;----; Ill.	5 dams-------	9	10,451	3.6	374
Sire, 43019; dam, 71593.	Difference---	(4-2-4)	+1,257	.0	+50
Herd Owner, John Schlappi, Winslow.					
ILLINI SYLVIUS CONCENTRATION 34517----------	7 daughters--	22	11,268	3.9	436
Born, 3-30-36; proved, 4-30-48;----; Ill.	5 daughters--	15	11,207	3.9	439
Sire, 28036; dam, 35873.	5 dams-------	16	11,233	4.2	467
Herd Owner, Baker & Marriott, Urbana.	Difference---	(2-2-1)	-26	-.3	-28
JULE OF VALLEYHURST 50248----------	7 daughters--	12	8,553	4.0	346
Born, 2-11-40; proved, 4-29-48;----; Iowa.	6 daughters--	9	8,830	4.0	356
Sire, 39952; dam, 42602.	6 dams-------	24	7,455	3.9	288
Herd Owner, Marvin K. Bahnson, Inwood.	Difference---	(5-5-5)	+1,375	+.1	+68
LENA'S KING 33796----------	8 daughters--	13	8,879	4.4	395
Born, 12-5-35; proved, 4-5-48;----; Iowa.	5 daughters--	10	9,330	4.4	409
Sire, 30271; dam, 32850.	5 dams-------	16	9,656	4.1	393
Herd Owner, Ed. Hensing, Iowa Falls.	Difference---	(1-4-3)	-326	+.3	+16
LUELLA'S COLLEGE REX OF D. D. 51268----------	6 daughters--	13	8,895	4.0	359
Born, 8-28-37; proved, 4-26-48;----; N. Y.	5 daughters--	12	8,872	4.0	359
Sire, 28833; dam, 24702.	5 dams-------	29	9,494	3.9	373
Herd Owner, Theodore J. Neckers, Clymer.	Difference---	(1-3-3)	-622	+.1	-14
MATIE'S PRIDE OF MEADOW GREEN 50815----------	8 daughters--	9	8,873	3.9	344
Born, 8-13-40; proved, 4-29-48;----; Ill.	6 daughters--	7	8,825	4.0	352
Sire, 34106; dam, 61005.	6 dams-------	9	10,146	3.9	391
Herd Owner, M. P. Rogers, Rockford.	Difference---	(2-6-2)	-1,321	+.1	-39
MAYFLOWER'S DIX 56600----------	10 daughters-	15	9,223	4.1	376
Born, 11-23-40; proved, 4-20-48;----; Iowa.	9 daughters--	13	9,137	4.1	375
Sire, 35021; dam, 31940.	9 dams-------	22	9,060	3.8	346
Herd Owner, Walter D. Haley & Sons, Sac City.	Difference---	(6-8-6)	+77	+.3	+29

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OAKLAND COLLEGE BARON'S ROYALIST 39461----------	6 daughters--	7	8,583	4.0	339
Born, 9-24-37; proved, 4-15-48;----; Ill.	6 dams-------	14	10,565	4.0	419
Sire, 33077; dam, 26770.	Difference---	(1-3-1)	-1,982	.0	-80
Herd Owner, Mrs. Ida Eisenmann, Cissna Park.					
O. D.'S POLLYANNA'S BUTTERNUT BOY (TWIN) 29778----------	22 daughters-	56	11,155	3.7	408
Born, 5-11-29; proved, 4-29-48;----; Wis.	6 daughters--	12	11,136	3.6	402
Sire, 15271; dam, 13631.	6 dams-------	14	10,340	3.8	388
Herd Owner, Ostval Farms, Burlington.	Difference---	(4-1-3)	+796	-.2	+14
ROSIE'S SPRING VALLEY CARL 38695----------	7 daughters--	19	9,223	4.4	405
Born, 12-14-36; proved, 4-5-48;----; Wis.	5 daughters--	16	9,264	4.3	399
Sire, 29820; dam, 19939.	5 dams-------	38	9,340	4.3	401
Herd Owner, George Henning, Burlington.	Difference---	(1-3-2)	-76	.0	-2
ROYAL'S GENDARME OF LEE'S HILL 51552----------	5 daughters--	5	11,840	3.7	442
Born, 3-21-41; proved, 4-26-48;----; Mich.	5 dams-------	12	13,709	3.8	519
Sire, 28594; dam, 30876.	Difference---	(1-2-2)	-1,869	-.1	-77
Herd Owner, August Dorr, Jr., Bay City.					
SOPHIA'S KING OF UPLAND FARM 52683----------	6 daughters--	10	12,002	3.9	471
Born, 6-8-41; proved, 4-26-48;----; Pa.	5 daughters--	9	11,812	3.9	466
Sire, 42654; dam, 82864.	5 dams-------	13	12,831	3.8	485
Herd Owner, Joseph G. Zumbro, West Newton.	Difference---	(1-5-1)	-1,019	+.1	-19
V. B. PHEIFER VOGEL 3D 51263----------	7 daughters--	7	8,956	3.9	348
Born, 11-11-40; proved, 4-29-48;----; Wis.	7 dams-------	15	7,709	4.1	314
Sire, 43108; dam, 42665.	Difference---	(4-2-4)	+1,247	-.2	+34
Herd Owner, Arbor Marsh, Brodhead.					
GUERNSEY SIRES					
ANDY OF OAKLEIGH FARM 207621----------	10 daughters-	32	6,777	4.6	313
Born, 10-11-32; proved, 4-12-48;----; Pa.	8 daughters--	29	6,826	4.6	316
Sire, 166947; dam, 185856.	8 dams-------	37	6,946	4.6	317
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(4-5-3)	-120	.0	-1
ARNOLD OF ALPINE ROSE 280286----------	7 daughters--	14	9,336	4.8	452
Born, 9-23-38; proved, 4-12-48;----; Ohio.	5 daughters--	10	9,455	4.9	461
Sire, 156847; dam, 439267.	5 dams-------	19	10,414	4.7	489
Herd Owner, Conrad Dues, Coldwater.	Difference---	(1-4-1)	-959	+.2	-28
BEA'S HEROD OF FLORA-DON 256948----------	27 daughters-	42	8,493	5.3	449
Born, 11-16-36; proved, 4-7-48;----; Mich.	19 daughters-	24	8,699	5.3	461
Sire, 209639; dam, 395588.	19 dams------	58	8,437	4.9	415
Herd Owner, Fred W. Knott, Niles.	Difference---	(11-16-15)	+262	+.4	+46
BELLE'S REX OF HOMESIDE 267499----------	17 daughters-	19	6,621	5.0	328
Born, 7-14-38; proved, 4-2-48;----; Iowa.	11 daughters-	11	5,758	5.1	291
Sire, 197600; dam, 351778.	11 dams------	17	5,506	5.0	277
Herd Owner, Gerhard & E. F. Kaiser, Garnavillo.	Difference---	(6-6-7)	+252	+.1	+14
BETHANY BUTTERFAT'S AJAX 242451----------	10 daughters-	32	7,183	5.0	360
Born, 8-16-36; proved, 4-12-48;----; Iowa.	9 daughters--	30	7,271	5.0	366
Sire, 131222; dam, 275176.	9 dams-------	48	8,162	4.7	387
Herd Owner, Giltedge Dairy, Gilman.	Difference---	(2-8-4)	-891	+.3	-21
BLOSSOM'S BRIGHT MONARCH 277902----------	14 daughters-	20	7,901	4.4	350
Born, 7-22-39; proved, 4-29-48;----; Del.	13 daughters-	19	7,938	4.4	350
Sire, 226105; dam, 250877.	13 dams------	48	8,651	4.5	387
Herd Owner, DeWitt T. Cauffiel, Farnhurst.	Difference---	(5-8-4)	-713	-.1	-37
BOULDER BRIDGE ROYAL BLOOM 284263----------	6 daughters--	6	6,732	4.9	333
Born, 8-29-39; proved, 4-20-48;----; Minn.	5 daughters--	5	7,067	5.0	350
Sire, 259502; dam, 445871.	5 dams-------	17	6,349	4.8	305
Herd Owner, Hanks Brothers, Winnebago.	Difference---	(4-5-4)	+718	+.2	+45
BOULDER BRIDGE STEWARD 270292----------	10 daughters-	16	7,467	5.2	388
Born, 10-3-38; proved, 4-29-48;----; Minn.	9 daughters--	15	7,433	5.2	388
Sire, 216336; dam, 406609.	9 dams-------	26	7,297	4.6	337
Herd Owner, Boulder Bridge Farm, Excelsior.	Difference---	(4-9-6)	+136	+.6	+51
BOURNEDALE GOLDEN MAJESTY 229132----------	15 daughters-	16	8,636	5.1	441
Born, 3-5-35; proved, 4-5-48; dead; Va.	12 daughters-	13	9,178	5.0	460
Sire, 194262; dam, 195761.	12 dams------	40	8,480	4.8	411
Herd Owner, A. Mistr & Sons, Richmond.	Difference---	(7-6-7)	+698	+.2	+49
CESOR GENERAL'S LADDIE 291941----------	7 daughters--	12	8,729	5.1	444
Born, 4-24-40; proved, 4-5-48;----; Mich.	6 daughters--	9	8,978	5.1	457
Sire, 208540; dam, 362287.	6 dams-------	13	8,186	4.7	386
Herd Owner, Ernest W. Ruehs, Caledonia.	Difference---	(4-4-5)	+792	+.4	+71

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CESOR MICHIGAN MAXIM 322603----------	16 daughters-	18	10,862	4.9	528
Born, 9-4-41; proved, 4-2-48;----; Mich.	13 daughters-	15	11,190	4.8	541
Sire, 254831; dam, 501998.	13 dams------	22	8,779	4.6	408
Herd Owner, Kellogg Farm, Augusta.	Difference---	(11-10-12)	+2,411	+.2	+133
CHERUB'S BUOY OF ROAD VIEW 291023----------	6 daughters--	7	6,508	5.3	348
Born, 12-1-38; proved, 4-20-48; alive; Minn.	6 dams-------	11	7,214	5.0	362
Sire, 247129; dam, 509714.	Difference---	(3-5-4)	-706	+.3	-14
Used in Minnesota Valley A. B. A.					
CHICONA BOBOLINK 292309----------	6 daughters--	7	8,621	5.0	433
Born, 1-14-40; proved, 4-21-48;----; Wash.	5 daughters--	6	8,786	5.0	437
Sire, 194943; dam, 203221.	5 dams-------	25	8,836	5.1	450
Herd Owner, C. C. Kendall, Sequim.	Difference---	(2-3-1)	-50	-.1	-13
COOPER'S KING LOUIS 194072----------	16 daughters-	25	7,273	4.7	340
Born, 2-26-31; proved, 4-20-48;----; Wis.	5 daughters--	9	7,976	4.7	372
Sire, 57121; dam, 154129.	5 dams-------	5	7,643	4.4	337
Herd Owner, Collier W. Baird & A. Ballard, Rosendale.	Difference---	(2-4-3)	+335	+.3	+35
CZAR'S PREMIER OF CORNER HILL 266603----------	14 daughters-	24	6,750	5.0	334
Born, 10-21-38; proved, 4-9-48;----; Wis.	10 daughters-	18	6,877	4.9	339
Sire, 223847; dam, 439682.	10 dams------	33	7,486	4.9	366
Herd Owner, Alden Kolb, Cleveland.	Difference---	(4-6-5)	-609	.0	-27
DAIRYMAN ROBUST 296304----------	13 daughters-	25	7,871	5.3	414
Born, 4-26-40; proved, 4-30-48;----; Minn.	12 daughters-	22	7,928	5.2	416
Sire, 274008; dam, 616185.	12 dams------	56	7,014	5.2	362
Herd Owner, Wimmer Brothers, Lake City.	Difference---	(10-7-10)	+914	.0	+54
DARIGOLD BELMONT 231281----------	7 daughters--	10	8,430	5.3	443
Born, 12-10-35; proved, 4-20-48;----; Wash.	6 daughters--	9	8,678	5.2	447
Sire, 180582; dam, 253962.	6 dams-------	14	9,531	4.7	447
Herd Owner, O. W. Gear, Burlington.	Difference---	(1-6-3)	-853	+.5	0
DEERSHORN FOREMOST 258935 *(July 1947)----------	17 daughters-	24	9,653	5.0	478
Born, 8-25-36; proved, 4-26-48;----; Mass.	16 daughters-	22	9,641	5.0	480
Sire, 67827; dam, 269259.	16 dams------	41	8,879	4.6	408
Used in Massachusetts A. B. A.	Difference---	(10-12-12)	+762	+.4	+72
DEERSHORN PHILOSOPHER 267617----------	7 daughters--	8	8,864	4.7	418
Born, 12-23-37; proved, 4-2-48;----; Mass.	7 dams-------	15	9,403	4.9	462
Sire, 203950; dam, 461529.	Difference---	(4-2-1)	-539	-.2	-44
Herd Owner, Vernon D. Mudgett, Sterling Junction.					
DICTA MAY'S PRINCE 230574----------	14 daughters-	29	9,602	4.9	468
Born, 6-1-35; proved, 4-5-48;----; Ill.	6 daughters--	10	8,745	4.8	419
Sire, 167470; dam, 342721.	6 dams-------	12	8,625	4.6	398
Herd Owner, L. J. Albers, St. Joseph.	Difference---	(3-5-4)	+120	+.2	+21
DUNROVIN ALVIN 268409----------	7 daughters--	14	8,099	4.4	356
Born, 1-23-38; proved, 4-2-48;----; Mich.	7 dams-------	16	9,172	4.6	421
Sire, 230249; dam, 379619.	Difference---	(1-2-1)	-1,073	-.2	-65
Herd Owner, Elmer R. Mistelle, Farmington.					
EDELYNN'S ULTIMAS OF FAIRVIEW 240366----------	6 daughters--	9	7,625	5.2	397
Born, 3-30-36; proved, 4-30-48;----; Pa.	5 daughters--	6	7,818	5.2	403
Sire, 187074; dam, 279873.	5 dams-------	15	5,651	5.1	289
Herd Owner, Locust Lane Farm, Beech Creek.	Difference---	(5-2-5)	+2,167	+.1	+114
ELM GROVE FORWARD 265688----------	11 daughters-	14	7,250	4.4	320
Born, 9-22-37; proved, 4-2-48;----; Wis.	7 daughters--	8	7,355	4.4	321
Sire, 210343; dam, 437013.	7 dams-------	17	7,506	4.5	338
Herd Owner, Herman W. Tegen, Kennan.	Difference---	(3-2-3)	-151	-.1	-17
EVERGREEN'S BUTTERFAT LEADER 284206----------	5 daughters--	8	8,903	4.9	440
Born, 9-20-39; proved, 4-8-48; alive; Minn.	5 dams-------	10	8,751	4.9	425
Sire, 225497; dam, 473594.	Difference---	(3-3-2)	+152	.0	+15
Herd Owner, Everett Cross, Sherburn.					
FAIR WEATHER GOVERNOR 192018----------	8 daughters--	15	8,233	4.6	380
Born, 12-23-30; proved, 4-12-48;----; N. Y.	5 daughters--	11	8,485	4.5	382
Sire, 149101; dam, 236081.	5 dams-------	15	8,326	4.5	376
Herd Owner, Waldorf Farms, North Chatham.	Difference---	(3-3-3)	+159	.0	+6
FRANCHESTER NOVEL KING 291670----------	7 daughters--	7	8,709	4.7	413
Born, 2-8-40; proved, 4-8-48;----; Ind.	6 daughters--	6	8,761	4.7	413
Sire, 257891; dam, 248794.	6 dams-------	15	8,552	4.9	420
Herd Owner, Claude L. Mangas, Union City.	Difference---	(4-2-2)	+209	-.2	-7
FRITZLYN SUPREME GENIUS 271517----------	15 daughters-	21	7,675	5.1	388
Born, 11-30-38; proved, 4-12-48;----; Pa.	13 daughters-	18	7,861	5.1	400
Sire, 200897; dam, 485350.	13 dams------	44	8,103	5.1	415
Herd Owner, William F. Fretz, Pipersville.	Difference---	(6-7-4)	-242	.0	-15

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GILMORE'S PREDICTION'S EMPEROR 283967----------	5 daughters--	6	9,559	5.3	503
Born, 12-1-38; proved, 4-8-48;----; Mich.	5 dams-------	9	9,487	5.4	517
Sire, 258178; dam, 335264.	Difference---	(3-2-2)	+72	-.1	-14
Herd Owner, Otto Gilmore, Camden.					
GLENBURNIE GOLDEN'S LAD 258581----------	36 daughters-	58	7,609	4.8	369
Born, 1-22-38; proved, 4-7-48; dead; N. J.	23 daughters-	39	7,860	4.8	380
Sire, 229093; dam, 238419.	23 dams------	54	7,525	4.9	369
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference---	(16-11-11)	+335	-.1	+11
GOLDEN ARROW KING GENIUS 268193----------	8 daughters--	13	8,067	4.6	374
Born, 6-1-38; proved, 4-9-48;----; Iowa.	8 dams-------	22	9,031	4.5	409
Sire, 163851; dam, 455611.	Difference---	(3-6-5)	-964	+.1	-35
Herd Owner, Witwer & Simonsen, Marion.					
GOODLEIGH COMMANDER AUDACIOUS 268616----------	13 daughters-	30	7,760	5.0	386
Born, 6-30-37; proved, 4-12-48; dead; Pa.	10 daughters-	26	7,799	5.0	388
Sire, 203972; dam, 331383.	10 dams------	43	7,940	4.6	365
Herd Owner, John L. Brackman, Canton.	Difference---	(6-8-7)	-141	+.4	+23
GRASSLAND NEPTUNE 268248----------	6 daughters--	8	7,977	4.5	361
Born, 9-9-38; proved, 4-7-48;----; Conn.	6 dams-------	22	7 513	4.7	355
Sire, 245753; dam, 475888.	Difference---	(4-1-2)	+464	-.2	+6
Herd Owner, Jotham G. Reynolds, Woodstock.					
GREEN MEADS KING DON 320501----------	8 daughters--	8	9,190	4.5	416
Born, 10-10-41; proved, 4-30-48;----; Minn.	6 daughters--	6	9,895	4.5	446
Sire, 288158; dam, 501586.	6 dams-------	18	9,290	4.5	421
Herd Owner, Boulder Bridge Farm, Excelsior.	Difference---	(4-3-4)	+605	.0	+25
GREEN MEADS NORTHERNER 271184----------	12 daughters-	14	8,090	4.8	390
Born, 9-7-38; proved, 4-12-48;----; Mich.	8 daughters--	10	7,907	4.8	381
Sire, 196128; dam, 276140.	8 dams-------	12	7,949	4.7	375
Herd Owner, Harry Baumunk & Son, Big Rapids.	Difference---	(3-5-3)	-42	+.1	+6
HOMELAND GRACE'S 273027----------	19 daughters-	32	7,239	4.6	331
Born, 3-23-39; proved, 4-30-48;----; Conn.	14 daughters-	24	7,177	4.6	330
Sire, 232843; dam, 502643.	14 dams------	56	7,264	4.5	326
Herd Owner, George E. Norman, Jewett City.	Difference---	(8-8-7)	-87	+.1	+4
KENFLEUR ROSE'S REFLECTOR 284597----------	8 daughters--	13	8,327	4.9	404
Born, 11-9-39; proved, 4-2-48; alive; Iowa.	8 dams-------	46	8,736	4.8	423
Sire, 251754; dam, 477957.	Difference---	(3-4-2)	-409	+.1	-19
Used in Eastern Iowa A. B. A., Inc.					
KENFLEUR'S KING CRESCENT 302724----------	6 daughters--	10	8,274	4.7	388
Born, 8-31-40; proved, 4-19-48;----; Ill.	5 daughters--	9	8,384	4.7	395
Sire, 269363; dam, 300947.	5 dams-------	11	6,544	4.9	321
Herd Owner, Rosewood Farms, Roselle.	Difference---	(4-2-3)	+1,840	-.2	+74
KENFLEUR'S VALIANT 278649----------	10 daughters-	15	6,408	4.9	316
Born, 12-12-38; proved, 4-12-48;----; Ill.	8 daughters--	11	6,552	5.0	327
Sire, 250690; dam, 463128.	8 dams-------	23	7,259	4.9	352
Herd Owner, John Reusch & Son, Elizabeth.	Difference---	(3-6-3)	-707	+.1	-25
KING BILLY OF WITTFIEL FARMS 268412----------	6 daughters--	7	7,665	4.6	355
Born, 8-5-38; proved, 4-6-48;----; Del.	6 dams-------	20	8,562	4.5	389
Sire, 226368; dam, 335193.	Difference---	(2-4-1)	-897	+.1	-34
Herd Owner, DeWitt T. Cauffiel, Farnhurst.					
KLONDIKE VINDEX 267105----------	7 daughters--	12	6,817	4.7	319
Born, 7-26-38; proved, 4-2-48;----; Va.	5 daughters--	10	6,956	4.7	329
Sire, 177240; dam, 359620.	5 dams-------	11	7,591	4.4	332
Herd Owner, J. T. Wilkinson, Chilhowie.	Difference---	(3-3-3)	-635	+.3	-3
KORONIS HILLS GENERAL 311994 *11----------	9 daughters--	15	6,766	4.9	329
Born, 1-15-41; proved, 4-8-48; alive; Minn.	8 daughters--	13	6,691	4.8	322
Sire, 261805; dam, 558857.	8 dams-------	37	7,287	4.2	305
Used in Minnesota Valley A. B. A.	Difference---	(3-6-5)	-596	+.6	+17
LAUREL LOCKS VALLEYWOOD 266112----------	25 daughters-	34	7,493	5.3	396
Born, 5-6-38; proved, 4-22-48;----; Pa.	11 daughters-	17	7,627	5.3	404
Sire, 135201; dam, 545684.	11 dams------	19	6,828	5.1	350
Herd Owner, Laurel Locks Farms, Pottstown.	Difference---	(6-9-7)	+799	+.2	+54
LAWNCREST'S CAVALIER'S PRIDE 245416----------	5 daughters--	17	9,498	4.2	397
Born, 8-14-36; proved, 4-30-48;----; N. Y.	5 dams-------	30	8,505	4.7	396
Sire, 223871; dam, 507724.	Difference---	(4-0-3)	+993	-.5	+1
Herd Owner, Ernest L. Van Arsdale, Auburn.					
LEDGE-EVER O'DAY COLONEL 241311----------	12 daughters-	12	8,423	4.7	396
Born, 9-29-36; proved, 4-20-48; dead; N. Y.	8 daughters--	8	7,787	4.9	382
Sire, 212945; dam, 244502.	8 dams-------	20	7,534	4.9	371
Herd Owner, O. H. Johnson & Sons, Ticonderoga.	Difference---	(5-3-5)	+253	.0	+11

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LINCOLN GAY PRINCE 225340----------	8 daughters--	10	8,679	4.3	373
Born, 1-10-35; proved, 4-12-48;----; Mass.	5 daughters--	6	9,035	4.3	389
Sire, 191622; dam, 367109.	5 dams-------	11	8,473	4.4	375
Herd Owner, Floyd Verrill, Concord.	Difference---	(3-1-3)	+562	-.1	+14
LINWOOD'S VALOR OF RIVERSIDE 269974----------	7 daughters--	13	6,981	5.1	354
Born, 2-13-39; proved, 4-2-48; dead; Minn.	6 daughters--	11	6,761	5.2	352
Sire, 201052; dam, 466060.	6 dams-------	13	7,166	5.2	373
Herd Owner, P. A. Peterson, Grand Rapids.	Difference---	(4-2-3)	-405	.0	-21
LOCKSHORE MELLOW MOON 283213----------	12 daughters-	19	9,442	4.9	466
Born, 6-3-39; proved, 4-26-48;----; Mich.	11 daughters-	17	9,330	5.0	465
Sire, 237509; dam, 459237.	11 dams------	27	9,199	5.0	464
Herd Owner, Gelster Farms, Richland.	Difference---	(6-4-7)	+131	.0	+1
LOCKSHORE PRINCE ROBERT 230511----------	6 daughters--	6	9,420	5.0	470
Born, 1-8-35; proved, 4-20-48;----; Wis.	6 dams-------	15	7,774	4.9	381
Sire, 194628; dam, 265354.	Difference---	(4-3-6)	+1,646	+.1	+89
Herd Owner, E. C. Huth, Nashotah.					
MAGER OF SUNNYBROOK 278683----------	11 daughters-	18	5,148	4.9	253
Born, 10-29-38; proved, 4-29-48;----; Iowa.	10 daughters-	16	5,261	4.9	259
Sire, 228398; dam, 492381.	10 dams------	38	5,987	5.2	309
Herd Owner, Charles Winter, Wadena.	Difference---	(2-2-4)	-726	-.3	-50
MARGIE'S DUKE 281869----------	11 daughters-	12	7,945	5.0	397
Born, 12-6-37; proved, 4-20-48;----; Mich.	10 daughters-	11	8,006	5.0	401
Sire, 212204; dam, 335850.	10 dams------	28	9,431	4.6	438
Used in Zeeland A. B. A.	Difference---	(1-8-3)	-1,425	+.4	-37
MEADOW LODGE REX'S SULTAN 270309----------	8 daughters--	10	8,737	5.1	442
Born, 2-11-39; proved, 4-26-48; dead; Mo.	6 daughters--	8	8,454	5.0	424
Sire, 159247; dam, 257440.	6 dams-------	7	8,477	4.8	408
Used in Midwest A. B. A.	Difference---	(2-5-3)	-23	+.2	+16
MEADOW LODGE REX'S VICEROY 271885----------	7 daughters--	12	7,613	5.2	399
Born, 2-13-39; proved, 1-30-48;----; Kans.	6 daughters--	11	7,878	5.2	411
Sire, 159247; dam, 419912.	6 dams-------	6	8,430	4.9	417
Herd Owner, Jacob H. Wiebe, White Water.	Difference---	(2-4-3)	-552	+.3	-6
MILK MAID'S GOLDEN DUKE 267492----------	14 daughters-	30	6,550	5.3	345
Born, 7-4-38; proved, 4-7-48;----; Pa.	11 daughters-	27	6,248	5.3	333
Sire, 228454; dam, 302862.	11 dams------	53	7,108	4.9	345
Herd Owner, O. E. Barto, Sligo.	Difference---	(3-10-5)	-860	+.4	-12
MISCHIEF DUKE OF SEYMOUR 268518----------	13 daughters-	21	7,164	4.3	310
Born, 11-30-38; proved, 4-30-48;----; Wis.	9 daughters--	14	7,061	4.4	311
Sire, 225495; dam, 318901.	9 dams-------	25	7,604	4.6	352
Herd Owner, Lloyd Nehring, Taylor.	Difference---	(3-4-3)	-543	-.2	-41
MOBJACK BRIGHT LAD 233574----------	12 daughters-	12	7,462	4.9	369
Born, 12-6-34; proved, 4-12-48; dead; Va.	9 daughters--	9	7,657	5.0	383
Sire, 199862; dam, 426613.	9 dams-------	22	7,624	4.6	347
Herd Owner, T. O. Tench, Lyndhurst.	Difference---	(5-6-7)	+33	+.4	+36
MONARCH'S FOREMOST 239142 *8----------	17 daughters-	20	9,296	4.9	455
Born, 9-16-34; proved, 4-7-48;----; Wis.	16 daughters-	19	9,388	4.9	459
Sire, 204059; dam, 294078.	16 dams------	65	8,439	4.8	401
Herd Owner, Fahrnwald Farm, Oshkosh.	Difference---	(11-11-14)	+949	+.1	+58
MOON'S MAXIM ROY 267880----------	7 daughters--	8	7,989	4.8	381
Born, 9-20-38; proved, 4-12-48;----; Wis.	5 daughters--	6	8,083	4.8	387
Sire, 239980; dam, 168717.	5 dams-------	8	7,381	4.7	347
Herd Owner, Helen Browne Hobart, Waupaca.	Difference---	(4-3-5)	+702	+.1	+40
MORVEN'S BRAVADO 174544----------	5 daughters--	11	7,026	4.5	314
Born, 2-8-29; proved, 4-12-48;----; Va.	5 dams-------	8	7,335	4.3	314
Sire, 75823; dam, 187630.	Difference---	(2-3-2)	-309	+.2	0
Herd Owner, Laurel Springs Dairy, Marion.					
MOUNT HOPE SCHOLAR 189821----------	11 daughters-	59	6,368	4.6	291
Born, 3-29-31; proved, 4-26-48;----; Vt.	6 daughters--	33	6,649	4.6	309
Sire, 44384; dam, 212481.	6 dams-------	20	7,096	3.8	271
Herd Owner, Roy G. Clark, Belmont.	Difference---	(1-6-5)	-447	+.8	+38
NOBLE CAPTAIN 275620----------	5 daughters--	8	6,638	5.6	369
Born, 8-18-37; proved, 4-30-48;----; Ind.	5 dams-------	15	8,099	4.9	400
Sire, 98324; dam, 443251.	Difference---	(1-5-2)	-1,461	+.7	-31
Herd Owner, Fred S. Eikelberner, Logansport.					
NORMA'S LAD OF FRAMPTON FARM 271197----------	18 daughters-	31	6,821	5.1	346
Born, 1-7-39; proved, 4-30-48;----; Pa.	13 daughters-	23	6,985	5.1	355
Sire, 214299; dam, 377237.	13 dams------	72	7,989	4.7	375
Herd Owner, Clarence B. Allshouse, Tunkhannock.	Difference---	(5-12-7)	-1,004	+.4	-20

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PATRICK OF THE OAKS FARM 269542----------	7 daughters--	11	6,896	5.1	350
Born, 12-18-38; proved, 4-12-48;----; Wis.	7 dams-------	28	6,114	5.0	304
Sire, 254625; dam, 422052.	Difference---	(5-4-5)	+782	+.1	+46
Herd Owner, Brovold Homestead, Ettrick.					
PINEBROOK LADY'S INDEPENDENT 271719----------	16 daughters-	30	8,214	5.0	414
Born, 12-28-38; proved, 4-22-48;----; Pa.	14 daughters-	26	8,177	5.1	413
Sire, 161961; dam, 352307	14 dams------	35	7,977	5.1	409
Herd Owner, Alvin L. Funk, Collegeville.	Difference---	(6-6-6)	+200	.0	+4
PLANET KING OF GUSANNA 265237----------	16 daughters-	31	7,963	4.9	391
Born, 4-9-38; proved, 4-2-48;----; Wis.	16 dams------	69	7,697	4.8	371
Sire, 230929; dam, 427763.	Difference---	(10-10-8)	+266	+.1	+20
Herd Owner, Clausing Brothers, Thiensville.					
PONITON PRINCE 292278----------	9 daughters--	12	8,537	5.0	423
Born, 4-15-40; proved, 4-12-48; alive; N. J.	8 daughters--	11	8,450	4.9	417
Sire, 252571; dam, 569747.	8 dams-------	20	8,520	4.6	390
Herd Owner, Everett T. Tomlinson, Bridgeton.	Difference---	(5-7-6)	-70	+.3	+27
PRINCE'S JIM OF VIRGINIA WILLOW 269325----------	12 daughters-	20	6,286	5.1	322
Born, 8-10-38; proved, 4-12-48; dead; Mo.	11 daughters-	18	6,327	5.1	324
Sire, 236966; dam, 526405.	11 dams------	23	6,364	4.8	308
Herd Owner, Carl Frankenbach, Hannibal.	Difference---	(4-8-5)	-37	+.3	+16
QUAIL ROOST IDEAL ACE 270030----------	9 daughters--	13	6,017	5.1	307
Born, 1-12-39; proved, 4-12-48;----; Va.	6 daughters--	10	6,335	5.2	327
Sire, 256205; dam, 567907.	6 dams-------	23	6,942	5.0	345
Herd Owner, Samuel H. Bell, Dublin.	Difference---	(2-5-2)	-607	+.2	-18
QUINCY MAHOMET BEST 268634----------	7 daughters--	13	7,383	4.7	350
Born, 1-24-38; proved, 4-9-48; dead; Kans.	5 daughters--	11	7,284	4.8	353
Sire, 206546; dam, 397414.	5 dams-------	10	8,170	4.9	397
Used in Southern Minnesota A. B. A., Minn.	Difference---	(2-4-2)	-886	-.1	-44
RIDGLYDALE'S CZAR ALERT 263542----------	13 daughters-	18	10,022	4.9	496
Born, 12-23-37; proved, 4-7-48;----; Ind.	10 daughters-	13	10,350	4.9	509
Sire, 198651; dam, 320578.	10 dams------	22	9,167	4.9	453
Herd Owner, Ray Nosker & Son, Huntington.	Difference---	(8-6-7)	+1,183	.0	+56
RIEGELDALE CORONATION KING 240947----------	12 daughters-	14	7,820	5.0	390
Born, 4-26-36; proved, 4-5-48;----; Ga.	6 daughters--	7	7,931	4.9	391
Sire, 238549; dam, 400537.	6 dams-------	7	8,566	5.0	432
Herd Owner, Riegel Textile Corp., Trion.	Difference---	(2-2-2)	-635	-.1	-41
ROSEWALD IL DUCE CAESAR 266583----------	17 daughters-	35	8,821	4.7	417
Born, 6-2-38; proved, 4-12-48;----; Vt.	11 daughters-	20	8,989	4.8	432
Sire, 199242; dam, 464568.	11 dams------	18	7,875	4.8	380
Herd Owner, Ronald E. Clay, Brownsville.	Difference---	(9-8-8)	+1,114	.0	+52
ROSEWALD IL DUCE SUPREME 289164----------	8 daughters--	8	8,221	5.0	414
Born, 2-15-40; proved, 4-30-48;----; Md.	7 daughters--	7	8,129	5.1	414
Sire, 199242; dam, 424726.	7 dams-------	29	8,113	4.9	399
Herd Owner, Grafton S. Kennedy, Havre de Grace.	Difference---	(3-5-3)	+16	+.2	+15
ST. JAMES LINDA'S RIPON 267211----------	16 daughters-	20	7,852	4.8	376
Born, 10-29-38; proved, 4-20-48;----; Wis.	15 daughters-	19	7,998	4.8	382
Sire, 244239; dam, 503517.	15 dams------	40	7,654	4.9	371
Herd Owner, Searle & Seehaver, Ripon.	Difference---	(8-7-7)	+344	-.1	+11
ST. JAMES PHILOSOPHER'S STAR 268404----------	14 daughters-	23	7,941	4.6	365
Born, 11-18-38; proved, 4-19-48;----; Wis.	13 daughters-	22	8,033	4.6	366
Sire, 187794; dam, 443835.	13 dams------	36	7,534	5.0	378
Herd Owner, Michael Orth, Jr., Waukesha.	Difference---	(8-3-4)	+499	-.4	-12
SHAMROCK NOBLE BRIAN 271582----------	10 daughters-	17	6,658	4.5	303
Born, 12-7-38; proved, 4-20-48;----; Pa.	10 dams------	30	7,815	4.7	371
Sire, 196361; dam, 416884.	Difference---	(1-4-2)	-1,157	-.2	-68
Herd Owner, Merle G. Sutton, Butler.					
SHERWOOD FOREST DON 281163 *(June 1947)----------	23 daughters-	25	8,097	4.6	373
Born, 8-16-39; proved, 4-12-48; alive; Va.	20 daughters-	22	8,417	4.6	386
Sire, 225916; dam, 303508.	20 dams------	67	8,818	4.8	424
Used in Valley of Virginia Co-op. A. B. A., Inc.	Difference---	(8-8-6)	-401	-.2	-38
SILVER LINING 268183----------	6 daughters--	12	6,466	4.6	298
Born, 12-18-37; proved, 4-9-48;----; Conn.	6 dams-------	27	8,569	4.4	379
Sire, 153439; dam, 489451.	Difference---	(1-5-1)	-2,103	+.2	-81
Herd Owner, Malcolm Riddel Wibberley, Canterbury.					
SPAR HILL GARDENIA'S DUKE 266023----------	9 daughters--	12	8,029	4.9	394
Born, 9-10-38; proved, 4-2-48;----; Md.	5 daughters--	8	8,075	5.0	401
Sire, 249489; dam, 542883.	5 dams-------	11	9,309	4.4	409
Herd Owner, John F. Jones, Pylesville.	Difference---	(2-5-3)	-1,234	+.6	-8

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SPIRIT HILL POINTER'S JOHN 292106----------	7 daughters--	11	7,160	4.6	333
Born, 10-27-39; proved, 4-12-48;----; Wis.	7 dams-------	25	7,866	4.9	384
Sire, 261644; dam, 545705.	Difference---	(3-2-1)	-706	-.3	-51
Herd Owner, Olson Brothers, Ogema.					
STONECLIFF ADVENTURER 322535----------	9 daughters--	12	8,252	4.7	391
Born, 2-14-40; proved, 4-12-48; dead; Vt.	9 dams-------	35	8,476	4.7	397
Sire, 260622; dam, 557473.	Difference---	(5-6-5)	-224	.0	-6
Herd Owner, Roland S. Greeley, Springfield.					
TARBELL FARMS MERRY SLOGAN 293053----------	7 daughters--	11	7,548	5.0	380
Born, 1-2-40; proved, 4-26-48; dead; N. Y.	7 dams-------	28	7,604	4.8	367
Sire, 224778; dam, 450510.	Difference---	(4-6-4)	-56	+.2	+13
Herd Owner, M. E. Pepperdine & Son, Cattaraugus.					
TARBELL FARMS NOBLE CYRUS 265726----------	6 daughters--	13	5,683	5.0	283
Born, 3-22-38; proved, 4-20-48;----; Ind.	6 dams-------	27	7,553	4.4	333
Sire, 223971; dam, 399589.	Difference---	(1-5-1)	-1,870	+.6	-50
Herd Owner, Lowell Richey, Albany.					
TARBELL FARMS ROYAL ERNEST 265724----------	12 daughters-	23	6,668	4.7	315
Born, 11-27-37; proved, 4-30-48;----; Ind.	11 daughters-	22	6,586	4.8	313
Sire, 130308; dam, 458287.	11 dams------	41	7,172	4.9	350
Herd Owner, Lowell Richey, Albany.	Difference---	(3-4-3)	-586	-.1	-37
THIRLSTANE BARON 273136----------	11 daughters-	19	7,820	5.0	387
Born, 1-4-39; proved, 4-5-48; alive; Maine.	6 daughters--	11	7,267	5.0	361
Sire, 252964; dam, 509497.	6 dams-------	20	8,144	4.7	386
Used in Maine Co-op. A. B. A.	Difference---	(1-5-3)	-877	+.3	-25
TIANNA'S LA NOCE JEWELL 228073----------	17 daughters-	32	6,442	4.7	302
Born, 2-8-35; proved, 4-7-48;----; Minn.	8 daughters--	13	6,328	4.7	298
Sire, 185427; dam, 232036.	8 dams-------	16	6,274	4.8	303
Used in Central Minnesota A. B. A.	Difference---	(4-4-2)	+54	-.1	-5
U. W. BUTTERFAT COLONEL 267502----------	14 daughters-	28	6,004	5.2	312
Born, 10-23-38; proved, 4-9-48;----; Wis.	13 daughters-	27	6,077	5.2	318
Sire, 156054; dam, 295001.	13 dams------	75	7,353	4.8	352
Herd Owner, Neil Hanson & Son, Sparta.	Difference---	(1-11-4)	-1,276	+.4	-34
VICTOR DE BRANDYWINE 181869----------	7 daughters--	29	7,546	4.5	340
Born, 1-30-30; proved, 4-26-48;----; Mich.	5 daughters--	21	7,697	4.5	347
Sire, 148037; dam, 130000.	5 dams-------	14	6,954	4.7	324
Herd Owner, C. E. Wigginton, Paw Paw.	Difference---	(4-1-3)	+743	-.2	+23
WANDAMERE ROYALIST 319194----------	5 daughters--	5	10,418	5.0	519
Born, 4-25-42; proved, 4-12-48; alive; Oreg.	5 dams-------	21	10,457	5.0	522
Sire, 302747; dam, 492806.	Difference---	(2-2-3)	-39	.0	-3
Used in Oregon A. B. A.					
WEOWENA RECLUSE MAGNET 310137----------	5 daughters--	5	7,480	5.0	377
Born, 10-20-40; proved, 4-8-48;----; Minn.	5 dams-------	17	8,454	4.5	384
Sire, 233439; dam, 568456.	Difference---	(1-5-2)	-974	+.5	-7
Herd Owner, L. P. Underdahl & Son, Dennison.					
WOLFPEN AGENT 280954----------	5 daughters--	6	10,073	5.2	522
Born, 10-30-39; proved, 4-26-48; alive; Conn.	5 dams-------	23	8,920	5.1	454
Sire, 198385; dam, 264809.	Difference---	(2-3-2)	+1,153	+.1	+68
Used in Massachusetts A. B. A., Mass.					
WYCHMERE DAUNTLESS NOBLEMAN 315580----------	5 daughters--	6	10,598	4.3	460
Born, 1-11-42; proved, 4-30-48;----; N. Y.	5 dams-------	14	9,750	4.4	432
Sire, 267458; dam, 527968.	Difference---	(5-2-5)	+848	-.1	+28
Herd Owner, Wychmere Farm, Ontario.					
ZELA'S PAT OF MEADOWBROOK 271958----------	8 daughters--	9	8,121	4.8	387
Born, 2-16-37; proved, 4-22-48;----; Ill.	5 daughters--	6	8,096	4.6	374
Sire, 271957; dam, 576219.	5 dams-------	15	8,976	4.6	410
Herd Owner, W. N. Foster & Sons, Washington.	Difference---	(1-3-1)	-880	.0	-36
HOLSTEIN SIRES					
ABBEKERK PABST VESTA LEN 863216----------	8 daughters--	9	8,706	3.8	333
Born, 3-26-42; proved, 4-21-48;----; N. Y.	7 daughters--	8	8,658	3.8	326
Sire, 724846; dam, 2353174.	7 dams-------	16	10,035	3.7	372
Herd Owner, Herbert W. Rood, Canton.	Difference---	(2-4-3)	-1,377	+.1	-46
ADMIRAL ORMSBY FOBES BEECHWOOD 662583 *5----------	39 daughters-	81	11,183	3.6	407
Born, 7-10-31; proved, 4-8-48;----; Wis.	25 daughters-	56	11,634	3.7	429
Sire, 467310; dam, 1085668.	25 dams------	63	11,087	3.5	384
Herd Owner, Pinehurst Farm, Sheboygan Falls.	Difference---	(15-20-18)	+547	+.2	+45

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ADMIRAL ORMSBY FOBES MONTVIC 829732----------	9 daughters--	11	11,904	3.5	416
Born, 5-12-41; proved, 4-6-48; alive; Minn.	9 dams-------	30	10,506	3.5	368
Sire, 799905; dam, 1085668.	Difference---	(7-6-6)	+1,398	.0	+48
Used in Minnesota Valley A. B. A.					
AITKEN FARM ORMSBY SEGIS LAD (TWIN) 742986----------	24 daughters-	54	10,588	3.4	360
Born, 9-17-34; proved, 4-19-48;----; Mich.	14 daughters-	17	9,009	3.6	321
Sire, 504486; dam, 1086666.	14 dams------	14	11,867	3.6	422
Herd Owner, Aitken Farm, Flint.	Difference---	(1-4-1)	-2,858	.0	-101
BAKER FARM CRUSADER 660559 *4----------	26 daughters-	62	11,622	3.2	368
Born, 5-22-32; proved, 4-8-48; dead; Maine.	20 daughters-	50	11,551	3.2	365
Sire, 653092; dam, 1397737.	20 dams------	88	11,930	3.5	422
Herd Owner, Donald P. Corbett, Waterville.	Difference---	(9-1-5)	-379	-.3	-57
BAKER FARM DAUNTLESS 668530 *5----------	54 daughters-	140	12,858	3.9	503
Born, 1-4-33; proved, 4-9-48; alive; Maine.	52 daughters-	132	12,821	3.9	501
Sire, 608348; dam, 1444161.	52 dams------	207	12,352	3.6	443
Herd Owner, Harold J. Shaw, Sanford.	Difference---	(33-46-40)	+469	+.3	+58
BARTA ORMSBY FOBES 850298----------	7 daughters--	7	14,270	3.4	489
Born, 4-28-42; proved, 4-8-48; alive; Minn.	7 dams-------	23	14,636	3.3	478
Sire, 797960; dam, 1490929.	Difference---	(3-7-3)	-366	+.1	+11
Herd Owner, Clarence M. Titrud, Clarissa.					
BAY STATE DAD BOAST 821184----------	10 daughters-	11	11,096	3.5	390
Born, 11-8-40; proved, 4-22-48;----; Mass.	10 dams------	33	11,836	3.4	403
Sire, 571003; dam, 1927959.	Difference---	(4-6-4)	-740	+.1	-13
Herd Owner, Mt. Hermon School Farm, Mt. Hermon.					
BEAVER DAM INKA ORMSBY PEARL 747388----------	17 daughters-	27	10,096	3.5	356
Born, 7-20-37; proved, 4-22-48;----; N. Y.	12 daughters-	21	10,604	3.5	366
Sire, 671579; dam, 1461123.	12 dams------	21	10,741	3.3	352
Herd Owner, Netherwood Acres, Salt Point.	Difference---	(5-9-5)	-137	+.2	+14
BELLEVUE PRISSY ORMSBY BONHEUR 827067----------	10 daughters-	13	9,352	3.8	351
Born, 8-20-40; proved, 4-30-48;----; Md.	6 daughters--	7	8,944	3.8	337
Sire, 759630; dam, 1979855.	6 dams-------	15	8,314	3.6	300
Herd Owner, C. H. Davis, Beallsville.	Difference---	(3-5-5)	+630	+.2	+37
BLACK BOY STARDUST OF SCHRIERDALE 835559----------	10 daughters-	12	12,938	3.6	471
Born, 3-13-41; proved, 4-29-48;----; Iowa.	8 daughters--	10	12,997	3.6	470
Sire, 787352; dam, 2078478.	8 dams-------	21	12,248	3.6	437
Herd Owner, L. H. Boll, Dallas Center.	Difference---	(6-6-5)	+749	.0	+33
BLACK CAT SIR HARRY INKA BERNICE 595158----------	7 daughters--	11	13,298	3.3	440
Born, 12-14-28; proved, 4-19-48; dead; Idaho.	5 daughters--	8	14,246	3.3	469
Sire, 495725; dam, 672728.	5 dams-------	7	11,189	3.2	355
Herd Owner, Bonnie Brae Farm, Meridian.	Difference---	(4-2-4)	+3,057	+.1	+114
BOWMONT UTRECHT BEAUTY DECENDER 781903----------	14 daughters-	21	10,605	3.6	383
Born, 9-5-39; proved, 4-19-48; dead; Va.	10 daughters-	14	10,731	3.6	390
Sire, 701156; dam, 1917578.	10 dams------	40	10,129	3.5	356
Used in Franklin Co. A. B. A., Inc.	Difference---	(6-8-7)	+602	+.1	+34
BOYS HOME ORMSBY ROMEO 841496----------	8 daughters--	9	10,128	3.7	377
Born, 11-14-41; proved, 4-27-48;----; Wis.	8 dams-------	43	12,681	3.7	464
Sire, 778235; dam, 1882578.	Difference---	(0-6-0)	-2,553	.0	-87
Used in Mid-South A. B. A., Miss.-Tenn.					
BRAEWOOD BLANCHE PABST PALMYRA 822926----------	5 daughters--	5	10,630	3.5	367
Born, 3-14-40; proved, 4-27-48;----; Wis.	5 dams-------	9	11,094	3.6	399
Sire, 766815; dam, 1921443.	Difference---	(1-1-2)	-464	-.1	-32
Herd Owner, Small & Halback, Burlington.					
BRIARKILL ADMIRAL SEGIS 866088----------	10 daughters-	10	12,096	3.5	422
Born, 8-16-40; proved, 4-27-48;----; N. Y.	7 daughters--	7	12,879	3.5	453
Sire, 736742; dam, 1853085.	7 dams-------	19	12,900	3.4	433
Herd Owner, Eugene Gorton, Grahamsville.	Difference---	(4-6-4)	-21	+.1	+20
BURKE HARTOG NETHERLAND 879493----------	10 daughters-	14	9,837	3.7	364
Born, 12-17-41; proved, 4-21-48;----; Pa.	10 dams------	37	10,803	3.4	363
Sire, 772287; dam, 2401716.	Difference---	(2-8-6)	-966	+.3	+1
Herd Owner, Howard J. Slothower, Mechanicsburg.					
BUTTER BOY PERFECTION ORMSBY 850739----------	5 daughters--	8	11,039	3.9	434
Born, 1-28-41; proved, 4-6-48;----; Iowa.	5 dams-------	15	11,364	3.5	393
Sire, 754516; dam, 1895979.	Difference---	(2-5-3)	-325	+.4	+41
Herd Owner, Frank Downing, Fayette.					
CARNATION IMPERIAL HEILO COLANTHA 837638----------	8 daughters--	8	15,527	3.6	557
Born, 9-22-41; proved, 4-5-48; dead; Calif.	5 daughters--	5	15,965	3.6	569
Sire, 698462; dam, 1845964.	5 dams-------	8	15,003	3.5	524
Herd Owner, C. L. Good & Son, Santee.	Difference---	(3-3-4)	+962	+.1	+45

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CARNATION IMPERIAL INKA BRACELET 837649----------	9 daughters--	9	11,242	3.7	421
Born, 10-20-41; proved, 4-20-48;----; Wis.	6 daughters--	6	11,195	3.8	420
Sire, 698462; dam, 1554586.	6 dams-------	10	11,784	3.8	448
Herd Owner, Ernest Kirchhoff, Elkhorn.	Difference---	(2-3-1)	-589	.0	-28
CARNATION PONTIAC HOMESTEAD 826040----------	10 daughters-	10	10,970	3.6	394
Born, 4-21-41; proved, 4-6-48;----; Colo.	5 daughters--	5	11,316	3.5	400
Sire, 629472; dam, 1565801.	5 dams-------	10	9,979	3.6	356
Herd Owner, N. W. Cranson & Sons, La Junta.	Difference---	(4-2-5)	+1,337	-.1	+44
CHALKER FARM ORMSBY JEMIMA 834502----------	9 daughters--	9	8,136	3.4	278
Born, 4-2-40; proved, 4-14-48; dead; Vt.	8 daughters--	8	8,455	3.4	286
Sire, 750253; dam, 1825932.	8 dams-------	23	9,495	3.4	322
Herd Owner, Milford Bristol, Vergennes.	Difference---	(1-6-2)	-1,040	.0	-36
CHAMPION ECHO SYLVIA PONTIAC 7TH 466042----------	13 daughters-	21	12,728	3.3	416
Born, 2-5-25; proved, 4-12-48;----; Pa.	8 daughters--	13	12,222	3.2	393
Sire, 154779; dam, 230255.	8 dams-------	19	13,132	3.4	441
Herd Owner, Luzerne Co. Institutional District, Retreat.	Difference---	(3-2-2)	-910	-.2	-48
CLAYACRES ANCHOR PIETERTJE 813564----------	8 daughters--	11	11,843	3.6	432
Born, 11-12-40; proved, 4-30-48;----; Mich.	8 dams-------	34	10,512	3.6	374
Sire, 691648; dam, 1409811.	Difference---	(7-7-7)	+1,331	.0	+58
Used in Indiana A. B. A., Ind.					
CLYDE HILL KING PIEBE FOBES 792438----------	10 daughters-	16	12,159	3.5	421
Born, 8-15-39; proved, 4-19-48;----; Mo.	9 daughters--	15	12,705	3.5	443
Sire, 664525; dam, 1568173.	9 dams-------	37	13,499	3.8	513
Herd Owner, Clyde Hill Farm, Clyde.	Difference---	(4-1-1)	-794	-.3	-70
COLANTHA PIETJE GLISTA LAD 477245----------	7 daughters--	18	12,261	3.3	404
Born, 3-12-25; proved, 4-5-48;----; N. Y.	5 daughters--	13	12,607	3.3	410
Sire, 349264; dam, 261420.	5 dams-------	21	11,504	3.2	368
Herd Owner, Carl V. Clarke, Andover.	Difference---	(3-4-3)	+1,103	+.1	+42
COLONY IANTHE PAUL ROMEO 722426----------	13 daughters-	14	11,956	3.5	421
Born, 3-21-35; proved, 4-5-48; dead; Idaho.	11 daughters-	12	12,146	3.5	424
Sire, 495741; dam, 105242 CHB.	11 dams------	29	11,278	3.5	396
Herd Owner, Aloys Schuler, Nampa.	Difference---	(7-8-7)	+868	.0	+28
COLONY NETHERLAND KOBA 719160 *6----------	21 daughters-	96	12,671	3.4	432
Born, 9-1-34; proved, 4-2-48; dead; Ariz.	20 daughters-	90	12,555	3.4	429
Sire, 90161 CHB; dam, 196314 CHB.	20 dams------	87	11,805	3.6	431
Herd Owner, Jess S. Elliott, Tolleson.	Difference---	(13-8-13)	+750	-.2	-2
CORNELL PRIDE 16TH 746743----------	39 daughters-	50	12,864	3.8	489
Born, 11-13-36; proved, 4-30-48;----; N. Y.	15 daughters-	18	13,627	3.7	504
Sire, 689012; dam, 1459312.	15 dams------	46	12,964	3.5	448
Herd Owner, Cornell University, Ithaca.	Difference---	(9-14-10)	+663	+.2	+56
COUNT VEEMAN SEGIS PIEBE 33D 508817----------	8 daughters--	24	10,193	3.8	392
Born, 10-18-26; proved, 4-2-48; dead; Pa.	6 daughters--	17	10,055	3.9	391
Sire, 336756; dam, 749208.	6 dams-------	30	10,598	3.7	396
Herd Owner, Peters Brothers, Port Matilda.	Difference---	(4-4-3)	-543	+.2	-5
DEAN OF THE PEARLS 769435----------	19 daughters-	35	12,161	3.6	443
Born, 3-17-38; proved, 4-27-48;----; N. H.	14 daughters-	24	12,549	3.7	461
Sire, 673094; dam, 1263150.	14 dams------	47	12,662	3.5	445
Herd Owner, Theodore J. Frizzell, Charlestown.	Difference---	(5-10-5)	-113	+.2	+16
DOUGLAS FOBES HARK 657973----------	18 daughters-	41	10,003	3.4	336
Born, 10-13-31; proved, 4-21-48;----; Wis.	6 daughters--	14	9,902	3.4	340
Sire, 570501; dam, 932510.	6 dams-------	9	9,561	3.3	315
Herd Owner, L. A. Markham, Janesville.	Difference---	(3-4-4)	+341	+.1	+25
DOUGLAS TIRANIA INKA HARK DOUBLE (TWIN) 718045----------	14 daughters-	21	12,148	3.4	411
Born, 5-6-35; proved, 4-27-48;----; Ill.	5 daughters--	7	13,766	3.4	472
Sire, 570501; dam, 1494301.	5 dams-------	16	13,968	3.2	454
Herd Owner, Harley M. Zimmerman, Dakota.	Difference---	(2-4-3)	-202	+.2	+18
DUKE JOHANNA DELL 8TH 814616----------	11 daughters-	11	10,385	3.7	389
Born, 10-11-40; proved, 4-29-48;----; Iowa.	8 daughters--	8	10,346	3.7	385
Sire, 746584; dam, 1887837.	8 dams-------	11	10,968	3.3	365
Herd Owner, Loraine W. Meier, Garnavillo.	Difference---	(4-7-4)	-622	+.4	+20
DUNLOGGIN AIM 780041 *11----------	16 daughters-	24	12,843	3.6	459
Born, 5-2-39; proved, 4-9-48;----; Maine.	13 daughters-	20	12,839	3.5	454
Sire, 703318; dam, 1521715.	13 dams------	48	12,811	3.8	489
Herd Owner, Harold J. Shaw, Sanford.	Difference---	(7-4-5)	+28	-.3	-35
DUNLOGGIN GOLDEN CROSS 793004----------	21 daughters-	23	12,541	3.6	451
Born, 3-20-40; proved, 4-9-48;----; N. H.	9 daughters--	9	11,432	3.6	410
Sire, 667915; dam, 1263150.	9 dams-------	21	13,183	3.7	490
Used in Willow Springs A. B. A., Colo.	Difference---	(3-5-2)	-1,751	-.1	-80

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DUNLOGGIN LAIRD DELLA 714543----------	55 daughters-	101	11,859	3.4	405
Born, 8-12-35; proved, 4-30-48;----; N. J.	52 daughters-	95	11,944	3.4	407
Sire, 608222; dam, 1294462.	52 dams------	270	12,226	3.3	408
Herd Owner, Blossom Hill Farm, Lebanon.	Difference---	(22-37-27)	-282	+.1	-1
ECKLORA POSCH FOBES SUPREME 868927----------	8 daughters--	8	14,203	3.5	497
Born, 8-29-42; proved, 4-14-48; alive; Minn.	8 dams-------	20	12,389	3.5	428
Sire, 701072; dam, 1662866.	Difference---	(5-5-7)	+1,814	.0	+69
Herd Owner, Gust N. Annexstad & Sons, St. Peter.					
ELLBANK ORMSBY ISA 866063----------	7 daughters--	8	11,405	3.9	440
Born, 7-4-41; proved, 4-12-48;----; N. Y.	5 daughters--	6	11,778	3.8	443
Sire, 778853; dam, 1510849.	5 dams-------	29	12,085	3.6	431
Used in Wisconsin Scientific Breeding Institute, Wis. (A. B. A.)	Difference---	(4-4-4)	-307	+.2	+12
ELMCHA KING MUTUAL 789708----------	7 daughters--	10	10,114	3.5	357
Born, 10-14-39; proved, 4-12-48;----; Mich.	7 dams-------	19	12,029	3.7	442
Sire, 738687; dam, 1587776.	Difference---	(0-4-0)	-1,915	-.2	-85
Herd Owner, Elmer Chapman, Decker.					
ELMWOOD ADMIRAL JULE FOBES 854053----------	13 daughters-	15	12,244	3.9	479
Born, 12-12-41; proved, 4-6-48;----; Wis.	12 daughters-	14	12,313	3.9	477
Sire, 789081; dam, 2041863.	12 dams------	39	11,729	3.7	434
Herd Owner, Oswald G. Nelson, Baldwin.	Difference---	(7-8-9)	+584	+.2	+43
ESCA SIR ORMSBY BESSIE VEEMAN 835846----------	6 daughters--	6	8,124	3.5	287
Born, 10-27-41; proved, 4-5-48;----; Mass.	5 daughters--	5	8,198	3.5	287
Sire, 744419; dam, 1627490.	5 dams-------	14	10,585	3.6	382
Herd Owner, Ralph Woodworth, Groveland.	Difference---	(2-3-1)	-2,387	-.1	-95
FLAMSTEAD ORMSBY TRIUNE PIEBE 720261 *9----------	11 daughters-	19	11,501	3.7	430
Born, 2-6-36; proved, 4-19-48; dead; Ky.	10 daughters-	18	11,592	3.7	427
Sire, 588922; dam, 1251544.	10 dams------	20	11,522	3.7	422
Used in Kentucky A. B. A.	Difference---	(5-4-5)	+70	.0	+5
FREDMAR SNOW KONIGEN 3D 764451 *(Jan.1947)----------	12 daughters-	14	12,086	3.8	461
Born, 9-25-38; proved, 4-30-48;----; Mo.	11 daughters-	13	12,187	3.8	463
Sire, 743102; dam, 1780763.	11 dams------	18	10,272	3.7	381
Used in M. F. A. A. B. A.	Difference---	(11-8-10)	+1,915	+.1	+82
GETZENDANER ORMSBY RUE 652556----------	6 daughters--	12	9,149	3.3	300
Born, 12-12-30; proved, 4-13-48;----; Ill.	5 daughters--	11	10,083	3.3	336
Sire, 552929; dam, 1003700.	5 dams-------	15	8,910	3.5	311
Herd Owner, Wayne S. Bailey, Oregon.	Difference---	(4-3-2)	+1,173	-.2	+25
GILKEY FARMS CRITERION POSCH 879726----------	8 daughters--	11	9,185	3.6	328
Born, 1-18-42; proved, 4-22-48;----; Minn.	7 daughters--	10	9,540	3.6	341
Sire, 770892; dam, 1907931.	7 dams-------	35	10,465	3.7	388
Herd Owner, Voth Brothers, Goodhue.	Difference---	(2-3-3)	-925	-.1	-47
HAMER ORMSBY CHIEFTAIN 832230----------	11 daughters-	14	12,153	3.6	433
Born, 11-14-40; proved, 4-20-48;----; Iowa.	7 daughters--	9	11,903	3.6	425
Sire, 749574; dam, 1669923.	7 dams-------	20	12,159	3.5	432
Herd Owner, Amana Society, Amana.	Difference---	(2-4-4)	-256	+.1	-7
HAMER PIETERTJE POSCH LAD 835403----------	6 daughters--	7	15,150	3.6	538
Born, 10-19-41; proved, 4-27-48;----; Iowa.	5 daughters--	6	15,128	3.5	525
Sire, 749574; dam, 2084320.	5 dams-------	13	10,059	3.6	359
Used in North Texas A. B. A., Tex.	Difference---	(5-2-4)	+5,069	-.1	+166
HARMIT ADMIRAL PAUL 826912----------	13 daughters-	20	11,027	3.6	399
Born, 11-21-40; proved, 4-6-48;----; Wis.	11 daughters-	16	11,258	3.6	406
Sire, 747696; dam, 1752597.	11 dams------	34	13,071	3.6	470
Herd Owner, William Pamperin & Son, Allenton.	Difference---	(0-6-1)	-1,813	.0	-64
HARTOG CREAMELLE CALAMITY 658018----------	10 daughters-	41	11,376	3.6	415
Born, 1-18-31; proved, 4-13-48;----; Pa.	5 daughters--	19	12,064	3.6	429
Sire, 634466; dam, 1445172.	5 dams-------	22	12,757	3.8	487
Herd Owner, J. H. Lear, Carlisle.	Difference---	(2-2-1)	-693	-.2	-58
HAUCK COLANTHA SEGIS 849635----------	14 daughters-	20	11,130	3.3	362
Born, 2-9-40; proved, 4-14-48;----; Pa.	13 daughters-	18	11,167	3.3	364
Sire, 696770; dam, 2270150.	13 dams------	70	11,153	3.5	394
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(7-2-6)	+14	-.2	-30
HAYS SUPREME 825540----------	18 daughters-	30	12,339	3.6	444
Born, 3-21-30; proved, 4-20-48;----; Mass.	6 daughters--	7	11,580	3.9	448
Sire, 73356 CHB; dam, 116954 CHB.	6 dams-------	15	11,549	4.1	471
Herd Owner, Mount Hope Farm, Williamstown.	Difference---	(2-3-3)	+31	-.2	-23
HIGHLOT ORMSBY MECHTHILDE 930349----------	6 daughters--	6	12,955	3.6	468
Born, 12-4-41; proved, 4-21-48;----; Wis.	5 daughters--	5	13,245	3.5	464
Sire, 809067; dam, 2555895.	5 dams-------	26	14,582	3.3	488
Herd Owner, William Miller, Watertown.	Difference---	(2-5-2)	-1,337	+.2	-24

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HIGHPATH FLARE AD DAISY 814568----------	14 daughters-	20	12,995	3.4	448
Born, 11-13-40; proved, 4-22-48; dead; Minn.	14 dams------	34	12,465	3.4	420
Sire, 743686; dam, 1568927.	Difference---	(8-9-12)	+530	.0	+28
Herd Owner, John H. Holmes, Northfield.					
HIGHSHORE GAIUS RAG APPLE 793079 *(June 1947)----------	14 daughters-	17	10,004	3.4	343
Born, 10-11-39; proved, 4-20-48; dead; Vt.	10 daughters-	11	9,481	3.4	326
Sire, 739470; dam, 1957204.	10 dams------	27	10,923	3.5	385
Used in Massachusetts A. B. A., Mass.	Difference---	(2-3-1)	-1,442	-.1	-59
HILL-MAN BURKE POSCH (TWIN) 829352----------	9 daughters--	12	11,417	3.8	436
Born, 8-9-41; proved, 4-14-48;----; Iowa.	6 daughters--	9	11,443	3.9	444
Sire, 790805; dam, 1794864.	6 dams-------	18	10,417	3.7	386
Herd Owner, Fred K. & Richard K. Bruene, Gladbrook.	Difference---	(5-4-5)	+1,026	+.2	+58
I B C FOBES ORMSBY DICTATOR 836532----------	19 daughters-	20	11,574	3.9	450
Born, 7-19-41; proved, 4-14-48;----; Iowa.	18 daughters-	19	11,620	3.9	450
Sire, 662443; dam, 1674611.	18 dams------	63	12,830	3.6	468
Herd Owner, Oakdale Sanatorium, Oakdale.	Difference---	(6-14-10)	-1,210	+.3	-18
INKA COLANTHA POSCH 790736----------	10 daughters-	19	9,740	3.7	359
Born, 3-13-38; proved, 4-12-48; dead; Pa.	10 dams------	42	11,430	3.8	437
Sire, 695451; dam, 1729519.	Difference---	(2-2-1)	-1,690	-.1	-78
Herd Owner, Charles Chilcote, Morrisdale.					
JENNITON MERCEDES OLLIE 852413----------	8 daughters--	8	13,336	3.3	434
Born, 7-8-41; proved, 4-12-48;----; Wis.	6 daughters--	6	13,617	3.3	449
Sire, 708526; dam, 1644450.	6 dams-------	19	12,536	3.7	460
Herd Owner, Walter Urfer, Spring Green.	Difference---	(5-1-3)	+1,081	-.4	-11
JONABELL CYRUS 806125----------	6 daughters--	7	10,531	3.3	345
Born, 8-20-40; proved, 4-14-48; alive; Va.	6 dams-------	26	12,092	3.4	411
Sire, 720861; dam, 1827472.	Difference---	(2-2-1)	-1,561	-.1	-66
Used in Valley of Virginia Co-op. A. B. A., Inc.					
KING BESSIE ORMSBY BEAUTY 9TH 650530 *6----------	30 daughters-	85	11,622	3.6	416
Born, 7-3-31; proved, 4-8-48;dead; Maine.	24 daughters-	70	11,851	3.6	422
Sire, 584587; dam, 1005768.	24 dams------	62	10,921	3.5	383
Herd Owner, Vaughn E. Hurd, Thorndike.	Difference---	(15-17-15)	+930	+.1	+39
KING BESSIE ORMSBY MUTUAL 821797----------	6 daughters--	9	10,539	3.3	351
Born, 2-18-40; proved, 4-30-48;----; Mich.	6 dams-------	8	11,620	3.3	386
Sire, 752132; dam, 1977300.	Difference---	(3-3-2)	-1,081	.0	-35
Herd Owner, Dorothea Kurz, Farmington.					
KING PIETERTJE ARTIS PERFECTION 733519----------	7 daughters--	15	11,036	3.2	356
Born, 1-15-36; proved, 4-19-48;----; Kans.	6 daughters--	12	10,773	3.3	353
Sire, 584580; dam, 984734.	6 dams-------	12	11,444	3.2	371
Herd Owner, E. E. Strickler, Colony.	Difference---	(3-3-2)	-671	+.1	-18
KING POMPEY L POSCH 807175----------	19 daughters-	19	12,374	3.5	428
Born, 6-7-40; proved, 4-22-48; alive; N. Y.	13 daughters-	13	12,375	3.4	425
Sire, 730362; dam, 1726607.	13 dams------	16	11,876	3.3	391
Herd Owner, Attica State Prison, Attica.	Difference---	(8-11-8)	+499	+.1	+34
KLING PACEMAKER (TWIN) 897441----------	11 daughters-	11	19,415	3.3	645
Born, 4-6-42; proved, 4-21-48;----; Calif.	11 dams------	40	18,418	3.3	617
Sire, 794238; dam, 1894251.	Difference---	(7-4-7)	+997	.0	+28
Herd Owner, Gerald W. Heil, Elnido.					
KNOLLWOOD MAJOR 872631----------	7 daughters--	7	14,561	3.8	560
Born, 4-19-42; proved, 4-29-48; alive; N. Y.	7 dams-------	14	13,807	3.6	495
Sire, 805397; dam, 1833794.	Difference---	(4-7-4)	+754	+.2	+65
Herd Owner, Gordon C. Baird, Holcomb.					
LAUXMONT SUPERB (TWIN) 705343 *7----------	26 daughters-	66	11,039	3.8	416
Born, 8-13-34; proved, 4-9-48;----; N. H.	24 daughters-	63	11,126	3.7	416
Sire, 695000; dam, 940576.	24 dams------	86	10,517	3.6	376
Herd Owner, Kearsarge Stock Farm, Warner.	Difference---	(17-18-18)	+609	+.1	+40
LOS ROBLES ORMSBY DE KOL 720947----------	18 daughters-	23	14,964	3.4	516
Born, 8-12-35; proved, 4-19-48;----; Calif.	13 daughters-	16	14,967	3.5	523
Sire, 554915; dam, 1273396.	13 dams------	61	14,672	3.4	500
Herd Owner, Frank Hopkins & Sons, San Jose.	Difference---	(8-9-9)	+295	+.1	+23
MAHOBROS CARNATION JERRY 733452----------	15 daughters-	20	9,851	3.6	357
Born, 4-26-36; proved, 4-19-48; dead; Pa.	7 daughters--	9	9,435	3.6	339
Sire, 659870; dam, 1549869.	7 dams-------	26	10,682	3.6	384
Herd Owner, Charlie S. Andrews, Chambersburg.	Difference---	(1-4-1)	-1,247	.0	-45
MAN-O-WAR OLLIE 734975----------	8 daughters--	16	11,617	3.5	406
Born, 3-21-36; proved, 4-19-48;----; Wis.	5 daughters--	10	11,365	3.5	402
Sire, 644208; dam, 1399351.	5 dams-------	10	10,884	3.4	367
Herd Owner, Melvin Johnston, Limeridge.	Difference---	(4-5-4)	+481	+.1	+35

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MENDOCINO MICROPHONE 34TH 853623----------	7 daughters--	9	15,018	3.1	472
Born, 9-6-41; proved, 4-5-48;----; Calif.	7 dams-------	21	14,751	3.0	447
Sire, 775670; dam, 1928911.	Difference---	(5-4-5)	+267	+.1	+25
Herd Owner, California State Prison, San Quentin.					
MERNDALE GAYLORD HARK 852397----------	9 daughters--	14	11,871	3.6	426
Born, 11-15-41; proved, 4-12-48;----; Iowa.	8 daughters--	12	11,714	3.5	415
Sire, 789350; dam, 1985910.	8 dams-------	19	12,405	3.3	415
Herd Owner, Sewell B. Nelson, Leland.	Difference---	(6-8-6)	-691	+.2	0
MIKE MEAD DE KOL PINE BRANCH 764385----------	37 daughters-	60	11,811	3.3	388
Born, 10-31-37; proved, 4-27-48;----; Iowa.	9 daughters--	17	11,574	3.3	382
Sire, 507334; dam, 1875617.	9 dams-------	19	10,123	3.4	345
Herd Owner, Scott Ellis, Dallas Center.	Difference---	(7-4-6)	+1,451	-.1	+37
MISTY MATADOR ORMSBY 825457----------	7 daughters--	10	11,380	3.7	419
Born, 4-15-41; proved, 4-5-48; dead; N. Y.	7 dams-------	19	12,102	3.4	416
Sire, 714051; dam, 1853561.	Difference---	(1-7-3)	-722	+.3	+3
Herd Owner, Poole & Angel, Lincklaen.					
M M LUDWIG TOPSY PIEBE 752329----------	11 daughters-	17	11,146	3.2	362
Born, 6-10-37; proved, 4-22-48;----; W. Va.	7 daughters--	13	10,780	3.3	357
Sire, 713951; dam, 1622258.	7 dams-------	11	11,180	3.4	375
Herd Owner, Morning Side Farm, Ronceverte.	Difference---	(3-4-3)	-400	-.1	-18
MONTVIC PATHFINDER PIETJE 822767----------	8 daughters--	12	11,155	3.4	381
Born, 4-6-41; proved, 4-27-48;----; Pa.	7 daughters--	11	11,069	3.4	376
Sire, 776307; dam, 1725924.	7 dams-------	19	10,046	3.4	339
Herd Owner, Markey Sands, Tunkhannock.	Difference---	(5-6-4)	+1,023	.0	+37
MOONLIT DALE SIR INKA MAY (TWIN) 814586----------	5 daughters--	7	11,199	3.5	390
Born, 12-15-40; proved, 4-22-48;----; Iowa.	5 dams-------	15	10,787	3.3	361
Sire, 651591; dam, 1934612.	Difference---	(4-3-3)	+412	+.2	+29
Herd Owner, W. G. Lincoln & Sons, Oelwein.					
MT PLEASANT PLUS HOMESTEAD 813730----------	6 daughters--	8	13,937	3.8	531
Born, 7-18-40; proved, 4-29-48;----; Iowa.	5 daughters--	5	14,084	3.8	534
Sire, 674118; dam, 1650909.	5 dams-------	16	12,761	3.6	455
Herd Owner, C. W. Haight, Winfield.	Difference---	(4-4-4)	+1,323	+.2	+79
NEWMONT SENSATION LAD ALLENE 652621----------	24 daughters-	49	10,068	3.5	353
Born, 11-3-31; proved, 4-19-48; dead; Mass.	5 daughters--	7	9,615	3.4	329
Sire, 493889; dam, 1429185.	5 dams-------	7	11,583	3.3	385
Herd Owner, Frank W. Le Geyt, Sheffield.	Difference---	(1-3-2)	-1,968	+.1	-56
N J E S CONQUEROR ALLEGRO JOEL 805332----------	18 daughters-	26	11,751	3.7	430
Born, 6-7-40; proved, 4-14-48; alive; N. Y.	18 dams------	62	11,404	3.5	403
Sire, 673525; dam, 1550298.	Difference---	(9-12-11)	+347	+.2	+27
Used in Cooperative A. B. A. #1, Inc., N. J.					
OAKDALE BESSIE PLUS FELTON 820359----------	5 daughters--	7	9,552	3.4	321
Born, 11-10-40; proved, 4-2-48;----; Iowa.	5 dams-------	17	13,810	3.3	457
Sire, 771203; dam, 1870686.	Difference---	(0-3-0)	-4,258	+.1	-136
Herd Owner, Woodward State Hospital, Woodward.					
OOSTIE COLANTHA 822438----------	7 daughters--	11	12,551	3.4	426
Born, 4-9-41; proved, 4-30-48;----; Wis.	5 daughters--	8	12,889	3.4	437
Sire, 727000; dam, 2049240.	5 dams-------	12	10,126	3.6	364
Used in Tri State Co-op. A. B. A.	Difference---	(3-2-4)	+2,763	-.2	+73
OOSTIE HOESLY TUEBIE 910290----------	5 daughters--	5	14,167	3.5	495
Born, 9-8-42; proved, 4-22-48;----; Del.	5 dams-------	14	11,385	3.6	410
Sire, 727000; dam, 1845105.	Difference---	(5-3-4)	+2,782	-.1	+85
Herd Owner, Purnel F. Friedel, Viola.					
ORMSBY BUCCANEER SENSATION 671407----------	25 daughters-	34	11,504	3.5	398
Born, 8-19-32; proved, 4-13-48; dead; Va.	11 daughters-	17	12,677	3.5	450
Sire, 442551; dam, 1186970.	11 dams------	33	13,528	3.7	496
Herd Owner, Marvin Perkins, Herndon.	Difference---	(5-5-4)	-851	-.2	-46
OSBORNDALE ORMSBY SPITFIRE 827743----------	16 daughters-	17	13,612	3.5	480
Born, 9-22-40; proved, 4-14-48; alive; N. Y.	16 dams------	83	14,280	3.5	498
Sire, 760645; dam, 1266168.	Difference---	(7-9-7)	-668	.0	-18
Herd Owner, Machold Farms, Ellisburg.					
OSBORNDALE SPITFIRE ORMSBY MAY 818460----------	6 daughters--	7	12,043	3.8	458
Born, 7-22-40; proved, 4-27-48;----; Va.	6 dams-------	25	13,649	3.8	516
Sire, 760645; dam, 1852596.	Difference---	(2-4-1)	-1,606	.0	-58
Herd Owner, Charles R. Hope & Son, Purcellville.					
PABST BARTA VALE (TWIN) 824340 *11----------	13 daughters-	21	13,222	3.7	494
Born, 5-2-41; proved, 4-6-48; alive; Minn.	9 daughters--	15	13,392	3.7	497
Sire, 761980; dam, 1438148.	9 dams-------	18	13,284	3.2	424
Used in Minnesota Valley A. B. A.	Difference---	(4-9-8)	+108	+.5	+73

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PAPOOSE GOLDIE KING PANSY 813150----------	5 daughters--	6	11,294	3.4	382
Born, 3-26-40; proved, 4-27-48;----; Minn.	5 dams-------	9	10,017	3.6	360
Sire, 741379; dam, 1892313.	Difference---	(3-1-3)	+1,277	-.2	+22
Herd Owner, Alfred H. Mills & Sons, Hutchinson.					
PAUL FAYNE SHEPARD 656200 *6----------	29 daughters-	76	9,983	3.4	339
Born, 10-24-31; proved, 4-8-48; dead; Maine.	19 daughters-	48	9,799	3.4	332
Sire, 309833; dam, 1059410.	19 dams------	67	9,953	3.4	343
Herd Owner, University of Maine, Orono.	Difference---	(7-9-7)	-154	.0	-11
PIEBE TRITOMIA PONTIAC LAD 725198----------	6 daughters--	9	10,583	3.6	377
Born, 8-2-35; proved, 4-12-48;----; Iowa.	5 daughters--	8	10,876	3.6	389
Sire, 695146; dam, 1157468.	5 dams-------	27	11,179	3.8	421
Herd Owner, C. M. Fountain & Son, Iowa City.	Difference---	(4-3-2)	-303	-.2	-32
PIETERTJE MODEL ONA 821905----------	9 daughters--	10	13,408	3.8	505
Born, 4-4-41; proved, 4-30-48;----; Iowa.	8 daughters--	9	13,468	3.8	510
Sire, 670092; dam, 1824363.	8 dams-------	21	12,196	3.5	430
Herd Owner, George Slater & Son, Olin.	Difference---	(6-7-7)	+1,272	+.3	+80
QUONQUONT MODEST RADIANT 813932----------	7 daughters--	12	11,594	3.4	394
Born, 9-4-40; proved, 4-29-48;----; N. Y.	6 daughters--	10	12,012	3.4	407
Sire, 683317; dam, 1524682.	6 dams-------	33	12,273	3.4	416
Herd Owner, Oscar J. Alberding & Son, Clayville.	Difference---	(2-3-3)	-261	.0	-9
RAVENSWORTH ORMSBY KING BESSIE 779347----------	9 daughters--	9	11,404	3.5	396
Born, 11-10-38; proved, 4-19-48;----; Va.	9 dams-------	14	11,786	3.4	402
Sire, 621262; dam, 1224550.	Difference---	(5-6-4)	-382	+.1	-6
Herd Owner, A. M. Janney, Lincoln.					
REGIER TRITOMIA LAD 720303----------	28 daughters-	36	11,444	3.6	410
Born, 9-7-35; proved, 4-30-48;----; Kans.	25 daughters-	30	11,344	3.6	407
Sire, 680541; dam, 1509117.	25 dams------	89	11,351	3.5	395
Herd Owner, Topeka State Hospital, Topeka.	Difference---	(10-18-13)	-7	+.1	+12
RETREAT ALCARTRA INKA 627893----------	8 daughters--	25	10,968	3.3	357
Born, 7-28-30; proved, 4-12-48;----; Pa.	6 daughters--	22	10,484	3.3	349
Sire, 589355; dam, 1116048.	6 dams-------	13	11,225	3.3	372
Herd Owner, Luzerne Co. Institutional District, Retreat.	Difference---	(2-3-2)	-741	.0	-23
RIVERMEAD STAR HELEN 730516 *8----------	20 daughters-	62	12,047	3.8	455
Born, 11-3-36; proved, 4-21-48;----; Pa.	19 daughters-	59	12,140	3.8	458
Sire, 535117; dam, 1295285.	19 dams------	95	11,801	3.7	431
Used in Massachusetts A. B. A., Mass.	Difference---	(10-15-12)	+339	+.1	+27
ROMEO GABRIEL ORMSBY 826876----------	7 daughters--	12	11,971	3.6	436
Born, 12-5-38; proved, 4-30-48;----; N. Y.	5 daughters--	8	11,597	3.7	432
Sire, 730771; dam, 1636765.	5 dams-------	15	11,625	3.4	394
Herd Owner, Glen Arden Farm, Pawling.	Difference---	(2-5-5)	-28	+.3	+38
ROSECHEN HI-SPOT 875095----------	7 daughters--	7	11,707	3.5	408
Born, 3-15-42; proved, 4-22-48;----; Pa.	7 dams-------	19	10,987	3.4	370
Sire, 728151; dam, 1671321.	Difference---	(5-5-5)	+720	+.1	+38
Used in First Pennsylvania A. B. A.					
ROSE HARBOR PERFECTION PRINCE 826647----------	5 daughters--	7	11,564	3.5	404
Born, 12-17-40; proved, 4-30-48;----; Iowa.	5 dams-------	16	11,645	3.7	429
Sire, 771577; dam, 2038089.	Difference---	(2-1-2)	-81	-.2	-25
Herd Owner, Paul Behn, Postville.					
ROSNI BURKE O DIONE HALE 782791 *(Mar. 1947)----------	18 daughters-	27	12,225	3.8	464
Born, 10-10-39; proved, 4-19-48; alive; Va.	16 daughters-	25	12,563	3.8	474
Sire, 654536; dam, 1844098.	16 dams------	67	12,744	3.9	500
Used in Northern Virginia Co-op. A. B. A., Inc.	Difference---	(9-7-8)	-181	-.1	-26
ROSNI HALE LETITIA HOMESTEAD 813749----------	9 daughters--	9	9,923	3.5	343
Born, 9-6-40; proved, 4-14-48; alive; Va.	6 daughters--	6	11,082	3.5	384
Sire, 654536; dam, 1582235.	6 dams-------	13	11,630	3.6	420
Used in Franklin Co. A. B. A., Inc.	Difference---	(3-1-2)	-548	-.1	-36
ROYAL BESS BURKE WAYNE 789232----------	19 daughters-	22	9,401	3.6	339
Born, 1-6-39; proved, 4-30-48;----; Maine.	17 daughters-	20	9,428	3.6	340
Sire, 598396; dam, 1628328.	17 dams------	36	10,340	3.4	356
Herd Owner, James A. Emerson & Sons, Corinna.	Difference---	(6-10-8)	-912	+.2	-16
ROYAL DIRECT TUTTS FAYNE 758366 *11----------	32 daughters-	44	9,644	3.6	345
Born, 1-14-38; proved, 4-9-48; dead; Maine.	26 daughters-	36	9,512	3.6	340
Sire, 598396; dam, 1717522.	26 dams------	70	10,544	3.5	373
Herd Owner, A. Ray Thompson, Prentiss.	Difference---	(8-20-11)	-1,032	+.1	-33
ROYAL LESEYLA DIRECT 748047 *10----------	36 daughters-	67	10,990	3.6	396
Born, 10-13-37; proved, 4-9-48; dead; Maine.	30 daughters-	59	11,215	3.6	406
Sire, 598396; dam, 1717523.	30 dams------	106	11,822	3.6	427
Used in Central Maine A. B. A.	Difference---	(12-14-14)	-607	.0	-21

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ST MARYS APEX (TWIN) 827442----------	16 daughters-	21	12,254	3.4	422
Born, 12-14-40; proved, 4-29-48;----; Kans.	14 daughters-	19	12,587	3.4	431
Sire, 734519; dam, 1512825.	14 dams------	42	10,925	3.4	366
Herd Owner, St. Marys College, St. Marys.	Difference---	(11-11-11)	+1,662	.0	+65
SEGIS SPOFFORD KING DE KOL 755098----------	15 daughters-	22	11,136	3.5	391
Born, 7-28-36; proved, 4-13-48; dead; N. Y.	15 dams------	49	10,538	3.5	364
Sire, 612688; dam, 1657406.	Difference---	(11-8-9)	+598	.0	+27
Herd Owner, Steve Mizio & Sons, Corning.					
SEGIS TRITOMIA DE KOL PIETERTJE 856770----------	10 daughters-	11	11,148	3.3	368
Born, 10-16-41; proved, 4-5-48;----; Iowa.	9 daughters--	10	10,916	3.3	361
Sire, 724903; dam, 1849584.	9 dams-------	28	11,823	3.4	403
Herd Owner, Alfred Stewart, Oelwein.	Difference---	(3-3-3)	-907	-.1	-42
SIR BESS ORMSBY TIDY FOBES 711382----------	16 daughters-	31	12,545	3.7	467
Born, 11-27-34; proved, 4-22-48;----; Mo.	14 daughters-	29	12,692	3.7	476
Sire, 514545; dam, 1189675.	14 dams------	51	13,362	3.6	485
Herd Owner, Clyde Hill Farm, Clyde.	Difference---	(6-10-7)	-670	+.1	-9
SIR DOUGLAS BURKE GERB COLAN HERO 820749----------	8 daughters--	9	12,611	3.5	442
Born, 11-14-40; proved, 4-12-48; alive; Iowa.	5 daughters--	6	12,903	3.5	449
Sire, 660575; dam, 1756206.	5 dams-------	15	11,835	3.8	451
Herd Owner, Folmer C. Hansen, Cedar Falls.	Difference---	(3-1-3)	+1,068	-.3	-2
SIR IOWA PIETERTJE TRIUNE 814461----------	6 daughters--	8	15,833	3.2	511
Born, 10-31-39; proved, 4-30-48;----; Iowa.	5 daughters--	6	15,831	3.2	510
Sire, 716888; dam, 1058238.	5 dams-------	14	14,902	3.4	513
Herd Owner, Leonard Rensink, Boyden.	Difference---	(3-1-3)	+929	-.2	-3
SIR LENHAHA PIETERTJE DE KOL FOBES 796167----------	6 daughters--	7	11,943	3.9	464
Born, 10-20-39; proved, 4-27-48;----; Iowa.	6 dams-------	21	13,053	3.4	448
Sire, 686618; dam, 1857040.	Difference---	(2-5-2)	-1,110	+.5	+16
Herd Owner, Aaron A. Tieden, Elkader.					
SIR OMS COUNTESS DE VRIES RAG 867974----------	17 daughters-	17	8,873	4.0	353
Born, 1-27-39; proved, 4-14-48;----; N. Y.	13 daughters-	13	8,989	3.9	353
Sire, 855520; dam, 2139368.	13 dams------	14	11,906	3.6	428
Herd Owner, Frank Dolfini, Middletown.	Difference---	(1-11-3)	-2,917	+.3	-75
SIR ORMSBY FOBES DELLA 799906----------	21 daughters-	35	10,765	3.5	376
Born, 1-22-39; proved, 4-29-48;----; Wis.	21 dams------	113	11,899	3.7	436
Sire, 667254; dam, 1786061.	Difference---	(3-10-4)	-1,134	-.2	-60
Herd Owner, Kenneth Rhein, Oakfield.					
SIR PORTAGE FOBES PRIDE 866277----------	5 daughters--	5	15,026	3.6	546
Born, 11-8-42; proved, 4-28-48;----; Iowa.	5 dams-------	11	12,327	3.8	472
Sire, 798226; dam, 1804631.	Difference---	(4-2-4)	+2,699	-.2	+74
Herd Owner, Aaron A. Tieden, Elkader.					
SIR SKYLARK TALL BOY 839355----------	6 daughters--	6	10,849	3.3	358
Born, 10-11-41; proved, 4-21-48;----; Minn.	6 dams-------	18	12,040	3.2	384
Sire, 786582; dam, 1899139.	Difference---	(1-4-1)	-1,191	+.1	-26
Herd Owner, Clarence Jergens, Hutchinson.					
SLEEPY HOLLOW MISTER COLONEL 843460----------	8 daughters--	8	19,591	3.2	623
Born, 12-23-41; proved, 4-12-48;----; Calif.	8 dams-------	26	13,000	3.3	425
Sire, 784543; dam, 2065413.	Difference---	(8-3-8)	+6,591	-.1	+198
Herd Owner, California State Prison, San Quentin.					
SMITHOME KING BESSIE ORMSBY LYONS 813315----------	8 daughters--	8	7,897	3.6	286
Born, 11-2-40; proved, 4-29-48;----; N. Y.	5 daughters--	5	7,669	3.7	280
Sire, 593854; dam, 1921310.	5 dams-------	10	9,272	3.4	315
Herd Owner, Hayes Brothers, Montour Falls.	Difference---	(1-3-1)	-1,603	+.3	-35
STERLING DUKE DELLA KING 874455----------	6 daughters--	6	12,658	3.5	441
Born, 8-9-42; proved, 4-28-48;----; Wis.	6 dams-------	15	11,823	3.5	411
Sire, 805972; dam, 2232771.	Difference---	(4-3-4)	+835	.0	+30
Herd Owner, Clarence Schmidt, Brownsville.					
STRATHMORE PRINCE HENGERVELD 903887----------	6 daughters--	6	11,734	3.4	401
Born, 1-14-42; proved, 4-21-48;----; Wis.	6 dams-------	13	10,517	3.2	337
Sire, 118965 CHB; dam, 363756 CHB.	Difference---	(4-5-4)	+1,217	+.2	+64
Herd Owner, Piper Farms, Watertown.					
TRANQUILLITY VEEMAN MECHTHILDE 791742----------	20 daughters-	34	11,902	3.6	430
Born, 4-25-39; proved, 4-13-48;----; N. J.	15 daughters-	24	12,262	3.6	446
Sire, 742344; dam, 1576118.	15 dams------	38	11,326	3.5	398
Herd Owner, Tranquillity Farm, Allamuchy.	Difference---	(10-10-13)	+936	+.1	+48
TREFOIL INKA EMPEROR 770702 *10----------	12 daughters-	24	12,143	3.6	431
Born, 12-22-38; proved, 4-12-48; dead; N. Y.	12 dams------	43	13,562	3.3	452
Sire, 721545; dam, 1864052.	Difference---	(4-10-4)	-1,419	+.3	-21
Herd Owner, Ernest C. Strobeck, Macedon.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
TREOSTI'S VILLE PERFECTION WALKER 816752----------	11 daughters-	15	14,784	3.6	538
Born, 2-1-41; proved, 4-6-48; dead; Wash.	11 dams------	39	13,101	3.4	443
Sire, 734524; dam, 1952086.	Difference---	(9-10-10)	+1,683	+.2	+95
Herd Owner, Albert Steffen & Son, Monroe.					
TRIUNE POSCH MAN-O-WAR 824174----------	10 daughters-	10	10,453	3.5	369
Born, 3-3-41; proved, 4-5-48; dead; Calif.	8 daughters--	8	10,078	3.6	363
Sire, 786160; dam, 1969718.	8 dams-------	16	10,362	3.6	377
Herd Owner, Patterson Ranch Co., Patterson.	Difference---	(4-5-5)	-284	.0	-14
VALLEY ABEGWEIT COLANTHA 706429----------	18 daughters-	35	10,419	3.3	349
Born, 4-23-35; proved, 4-22-48;----; N. Y.	9 daughters--	18	10,051	3.3	335
Sire, 646623; dam, 1100047.	9 dams-------	17	12,484	3.2	405
Herd Owner, Meadowvale Farms, Little Falls.	Difference---	(1-7-2)	-2,433	+.1	-70
VERNWAY CHAMPION 843227----------	10 daughters-	12	15,432	3.3	510
Born, 10-10-41; proved, 4-22-48;----; Wash.	8 daughters--	9	15,304	3.3	507
Sire, 792892; dam, 1952052.	8 dams-------	20	13,355	3.4	460
Herd Owner, Maid O'Clover Dairy, Wapato.	Difference---	(7-2-7)	+1,949	-.1	+47
WALKUP MAN-O-WAR PATRIARCH 827151----------	5 daughters--	5	9,691	3.5	338
Born, 4-26-40; proved, 4-14-48;----; Va.	5 dams-------	18	10,333	3.4	356
Sire, 758609; dam, 1746106.	Difference---	(2-2-2)	-642	+.1	-18
Herd Owner, J. O. Beard, Linville.					
WESTCOPA KING ABE 717995----------	14 daughters-	44	11,750	3.5	412
Born, 2-12-36; proved, 4-27-48;----; Pa.	8 daughters--	17	11,033	3.6	396
Sire, 689469; dam, 1514338.	8 dams-------	42	11,632	3.4	396
Herd Owner, D. N. Cairns & Son, Ligonier.	Difference---	(3-8-3)	-599	+.2	0
WIND-RUSH JIGGS KORNDYKE 838856----------	9 daughters--	10	9,903	3.1	312
Born, 4-29-41; proved, 4-20-48; dead; Pa.	9 dams-------	11	8,513	3.1	261
Sire, 749798; dam, 1776819.	Difference---	(7-5-8)	+1,390	.0	+51
Herd Owner, Paul D. Allen, Rea.					
WINTERTHUR FOBES POSCH VENICE 799875 *(June 1947)----------	11 daughters-	18	13,617	3.5	474
Born, 5-20-40; proved, 4-20-48;----; Vt.	10 daughters-	17	13,854	3.5	481
Sire, 729449; dam, 2000325.	10 dams------	51	12,266	3.7	450
Used in Massachusetts A. B. A., Mass.	Difference---	(8-3-7)	+1,588	-.2	+31
WOODROSE FAYNE PRINCE 921295----------	7 daughters--	10	13,152	3.3	437
Born, 1-14-40; proved, 4-14-48;----; Wis.	7 dams-------	21	14,100	3.4	477
Sire, 588786; dam, 2006345.	Difference---	(2-3-3)	-948	-.1	-40
Herd Owner, Woodrow Gallman, Fort Atkinson.					
WYE OAK SIR BESS ORMSBY 825205----------	7 daughters--	9	11,630	3.7	428
Born, 1-27-41; proved, 4-6-48;----; Pa.	6 daughters--	7	11,722	3.7	435
Sire, 618582; dam, 1511538.	6 dams-------	15	10,937	3.6	399
Herd Owner, Elvin Hess, Strasburg.	Difference---	(3-4-4)	+785	+.1	+36
13037----------	9 daughters--	20	8,526	3.2	273
Born, ----; proved, 4-22-48;----; W. Va.	7 daughters--	16	8,699	3.2	280
Sire, ----; dam, ----.	7 dams-------	20	9,682	3.1	299
Herd Owner, H. C. & W. Z. Tharpe, Charles Town.	Difference---	(1-6-3)	-983	+.1	-19
14467----------	11 daughters-	20	10,960	3.7	401
Born, ----; proved, 4-12-48;----; Pa.	11 dams------	41	11,205	3.5	397
Sire, ----; dam, ----.	Difference---	(4-8-5)	-245	+.2	+4
Herd Owner, Howard F. Lehman, Chambersburg.					
14913----------	8 daughters--	20	9,043	3.5	316
Born, ----; proved, 4-21-48;----; Pa.	8 dams-------	33	10,167	3.4	349
Sire, ----; dam, ----.	Difference---	(2-4-3)	-1,124	+.1	-33
Herd Owner, W. Earl Wood, Carlisle.					
15221----------	6 daughters--	10	11,139	3.6	396
Born, ----; proved, 4-21-48;----; Pa.	6 dams-------	16	10,671	3.3	356
Sire, ----; dam, ----.	Difference---	(4-4-6)	+468	+.3	+40
Herd Owner, Clarence M. Cornman, Mechanicsburg.					
15279----------	10 daughters-	27	10,197	3.6	364
Born, ----; proved, 4-19-48;----; Pa.	10 dams------	62	10,388	3.4	357
Sire, ----; dam, ----.	Difference---	(5-8-5)	-191	+.2	+7
Herd Owner, E. Hays Shughart, Carlisle.					
16752----------	7 daughters--	9	14,449	3.3	477
Born, ----; proved, 4-2-48; dead; Pa.	5 daughters--	6	14,175	3.4	478
Sire, ----; dam, ----.	5 dams-------	5	14,745	3.4	499
Herd Owner, G. Lawrence Hartman, Aspers.	Difference---	(2-4-2)	-570	.0	-21
16781----------	8 daughters--	28	9,069	3.5	318
Born, ----; proved, 4-2-48; dead; Pa.	6 daughters--	21	8,495	3.6	308
Sire, ----; dam, ----.	6 dams-------	27	10,134	3.5	354
Herd Owner, Dauphin Co. Home, Harrisburg.	Difference---	(2-4-2)	-1,639	+.1	-46

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
16822----------	5 daughters--	5	7,836	3.6	283
Born, ----; proved, 4-2-48; dead; Pa.	5 dams-------	22	9,883	3.4	336
Sire, ----; dam, ----.	Difference---	(1-5-2)	-2,047	+.2	-53
Herd Owner, Dauphin Co. Home, Harrisburg.					
13-B9303 (DHIA EARTAG)----------	6 daughters--	6	10,056	3.5	350
Born, ----; proved, 4-12-48;----; Vt.	6 dams-------	26	9,718	3.5	337
Sire, ----; dam, ----.	Difference---	(2-2-4)	+338	.0	+13
Herd Owner, Ernest W. Larrabee, Shoreham.					
23*P72A (BANGS OR TB EARTAG)----------	6 daughters--	10	9,153	3.8	344
Born, ----; proved, 4-28-48;----; Pa.	5 daughters--	8	9,443	3.8	357
Sire, ----; dam, ----.	5 dams-------	18	10,902	3.4	371
Herd Owner, Farview State Hospital, Waymart.	Difference---	(1-3-1)	-1,459	+.4	-14
35*EC1830 (BANGS OR TB EARTAG)----------	13 daughters-	23	9,845	3.6	352
Born, ----; proved, 4-12-48;----; Wis.	5 daughters--	9	9,998	3.4	341
Sire, ----; dam, ----.	5 dams-------	8	12,054	3.2	385
Herd Owner, Elmer Schomberg, Bangor.	Difference---	(2-4-2)	-2,056	+.2	-44
35*KM5006 (BANGS OR TB EARTAG)----------	7 daughters--	7	12,632	3.5	440
Born, ----; proved, 4-28-48;----; Wis.	6 daughters--	6	12,596	3.5	443
Sire, ----; dam, ----.	6 dams-------	16	11,689	3.5	409
Herd Owner, Frank Wolf, Mazomanie.	Difference---	(5-3-4)	+907	.0	+34
JERSEY SIRES					
ABIGAIL EMILY APOLLO 404595----------	26 daughters-	52	7,897	5.1	405
Born, 2-24-39; proved, 4-8-48;----; N. Y.	8 daughters--	13	7,667	5.1	394
Sire, 356925; dam, 1005850.	8 dams-------	37	8,407	5.2	438
Used in New York Co-op. A. B. A., Inc.	Difference---	(1-3-2)	-740	-.1	-44
BET'S VOLUNTEER DESIGN 404106----------	15 daughters-	22	7,194	5.3	379
Born, 7-9-39; proved, 4-28-48;----; Mo.	8 daughters--	13	7,268	5.3	384
Sire, 342991; dam, 1037714.	8 dams-------	19	7,906	5.1	404
Used in Eastern Oklahoma A. B. A., Okla.	Difference---	(3-5-2)	-638	+.2	-20
BINDLE'S HERCULES 338955----------	17 daughters-	19	7,713	5.3	411
Born, 3-24-31; proved, 4-15-48;----; Ohio.	6 daughters--	6	7,283	5.3	389
Sire, 295422; dam, 747578.	6 dams-------	10	7,916	5.5	433
Herd Owner, Bert Leas, Groveport.	Difference---	(3-2-2)	-633	-.2	-44
BLONDE'S GOLDEN DESIGN 373402----------	9 daughters--	13	6,830	5.2	358
Born, 11-20-35; proved, 4-23-48;----; Ohio.	5 daughters--	9	6,918	5.3	364
Sire, 358205; dam, 1027942.	5 dams-------	7	6,727	5.6	375
Herd Owner, Ernest R. Bates & Son, Polk.	Difference---	(3-1-3)	+191	-.3	-11
BLONDE'S STANDARD SIR 377479----------	13 daughters-	14	6,809	5.1	349
Born, 6-27-36; proved, 4-22-48; alive; Ga.	9 daughters--	10	6,987	5.2	361
Sire, 276574; dam, 1000981.	9 dams-------	16	6,040	5.1	310
Herd Owner, T. R. Breedlove, Jr., Monroe.	Difference---	(5-5-5)	+947	+.1	+51
CRICKET CAYUGA GAMBOGE 373760----------	30 daughters-	49	5,282	5.3	282
Born, 7-21-35; proved, 4-22-48; dead; N. Y.	6 daughters--	11	4,955	5.4	268
Sire, 347111; dam, 885987.	6 dams-------	18	7,059	5.0	350
Herd Owner, A. G. Amos, Delancey.	Difference---	(0-4-1)	-2,104	+.4	-82
DELIGHT JUSTICE 373885----------	9 daughters--	9	7,764	5.1	399
Born, 8-26-35; proved, 4-22-48;----; Ill.	7 daughters--	7	7,099	5.2	370
Sire, 348990; dam, 1016359.	7 dams-------	31	7,118	5.5	393
Herd Owner, Fulton Farms, Sparta.	Difference---	(3-2-1)	-19	-.3	-23
DESIGN BETTY ROYAL 372042----------	9 daughters--	11	6,339	5.4	343
Born, 11-17-35; proved, 4-22-48;----; Ohio.	5 daughters--	6	5,828	5.4	316
Sire, 342993; dam, 994158.	5 dams-------	7	7,296	4.9	357
Herd Owner, H. J. Bittner, Danville.	Difference---	(1-4-1)	-1,468	+.5	-41
DESIGN BLOSSOM BLONDE 372045----------	11 daughters-	16	6,066	5.1	308
Born, 1-15-36; proved, 4-22-48;----; Ohio.	6 daughters--	10	6,168	5.0	311
Sire, 342993; dam, 876408.	6 dams-------	13	7,043	4.9	344
Herd Owner, A. W. Yauger & Sons, Mt. Vernon.	Difference---	(1-5-2)	-875	+.1	-33
DESIGN QUALITY SULTAN 441313----------	7 daughters--	8	9,038	4.8	437
Born, 2-15-42; proved, 4-28-48;----; Md.	7 dams-------	21	8,045	4.9	393
Sire, 359463; dam, 1052650.	Difference---	(6-4-7)	+993	-.1	+44
Herd Owner, Ennis Ray McGrady, Rising Sun.					
EDEN LILAC CORONATOR 389643----------	15 daughters-	28	7,209	5.5	399
Born, 1-10-38; proved, 4-30-48;----; Colo.	5 daughters--	9	6,786	5.7	389
Sire, 376690; dam, 1040942.	5 dams-------	9	7,628	5.9	450
Herd Owner, John Tienken, Colorado Springs.	Difference---	(1-2-1)	-842	-.2	-61

JERSEY SIRES	Animals	[illegible] averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FAIRVIEW PASSPORT GRAY BOY 386962----------	6 daughters--	22	7,655	4.5	342
Born, 3-10-36; proved, 4-30-48;----; N. Y.	6 dams-------	22	8,748	4.6	399
Sire, 358047; dam, 894149.	Difference---	(3-3-2)	-1,093	-.1	-57
Herd Owner, John Thomson, Bovina Center.					
FAIRY TID OF HOMEWOOD 393453 *(April 1947)----------	14 daughters-	23	8,129	5.9	483
Born, 11-21-37; proved, 4-15-48; alive; Va.	12 daughters-	17	8,086	5.9	481
Sire, 375664; dam, 892403.	12 dams------	39	8,250	5.2	427
Used in Northern Virginia Co-op. A. B. A., Inc.	Difference---	(4-11-10)	-164	+.7	+54
FAITHFUL'S FAIR OBSERVER 426756 *(July 1947)----------	10 daughters-	12	7,928	5.4	432
Born, 2-25-41; proved, 4-9-48;----; Tenn.	9 daughters--	11	8,120	5.4	441
Sire, 400579; dam, 872504.	9 dams-------	41	7,851	5.6	442
Herd Owner, George Campbell & Son, Spring Hill.	Difference---	(6-4-4)	+269	-.2	-1
FOREMOST BLONDE DREAMER 372936----------	12 daughters-	22	6,406	5.4	347
Born, 10-20-35; proved, 4-22-48;----; Ohio.	5 daughters--	9	6,200	5.4	333
Sire, 344296; dam, 1041971.	5 dams-------	11	7,520	5.8	434
Used in Northern Ohio A. B. A.	Difference---	(2-0-1)	-1,320	-.4	-101
FOREMOST CHANCE 423139----------	5 daughters--	6	5,138	5.3	272
Born, 12-6-40; proved, 4-28-48;----; W. Va.	5 dams-------	14	5,663	4.8	274
Sire, 349443; dam, 1040810.	Difference---	(2-4-3)	-525	+.5	-2
Herd Owner, Howard W. Roush, Letart.					
FOREMOST SATURN 375244----------	8 daughters--	15	8,435	4.9	410
Born, 1-9-36; proved, 4-15-48;----; Mich.	8 dams-------	18	8,590	4.8	415
Sire, 309246; dam, 941818.	Difference---	(3-4-4)	-155	+.1	-5
Herd Owner, Matt Laulumao, Chassell.					
GOLDIE GOLDEN GLOW SOPH LAD 351427----------	5 daughters--	7	5,469	4.9	266
Born, 4-5-32; proved, 4-23-48;----; Tenn.	5 dams-------	16	5,397	4.7	253
Sire, 188012; dam, 791782.	Difference---	(2-2-2)	+72	+.2	+13
Herd Owner, Warwick Brothers, Corryton.					
HANDSOME GOLDEN OWL 403320 *11----------	21 daughters-	30	7,553	5.4	405
Born, 11-8-38; proved, 4-5-48; alive; N. H.	17 daughters-	25	7,639	5.3	405
Sire, 341224; dam, 1074617.	17 dams------	51	7,166	5.1	365
Used in New Hampshire A. B. A.	Difference---	(11-12-12)	+473	+.2	+40
HATCH ORLANDO FORFARSHIRE A 385554----------	7 daughters--	8	6,127	5.6	342
Born, 10-9-36; proved, 4-30-48;----; Mo.	6 daughters--	7	5,870	5.7	333
Sire, 368643; dam, 1067924.	6 dams-------	11	7,185	5.2	377
Herd Owner, J. A. Weaner, New London.	Difference---	(1-5-2)	-1,315	+.5	-44
HELEN'S POPPY'S ST. MAWES 197186----------	10 daughters-	36	7,849	5.7	448
Born, 12-21-20; proved, 4-21-48;----; Wash.	10 dams------	73	7,350	5.8	428
Sire, 115434; dam, 364030.	Difference---	(7-2-7)	+499	-.1	+20
Herd Owner, Charles H. Wivell Dairies, Inc., Shelton.					
HESA'S POGIS 423582----------	9 daughters--	14	6,561	6.0	392
Born, 10-24-38; proved, 4-22-48;----; Vt.	8 daughters--	11	6,573	6.0	395
Sire, 315010; dam, 1044933.	8 dams-------	25	7,102	5.7	406
Herd Owner, Robert Tucker, Tunbridge.	Difference---	(2-6-3)	-529	+.3	-11
IDAHO COME SON OLIVER 394732----------	48 daughters-	101	7,922	5.7	454
Born, 3-29-38; proved, 4-29-48;----; Wash.	39 daughters-	83	7,954	5.7	452
Sire, 292917; dam, 1066799.	39 dams------	138	9,171	5.1	467
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(10-34-17)	-1,217	+.6	-15
IMP. PRUDENT JESTER 335216----------	8 daughters--	10	5,188	5.2	267
Born, 12-7-29; proved, 4-7-48;----; Ohio.	5 daughters--	6	5,225	5.3	276
Sire, P. S. 6422 H. C.; dam, 922301.	5 dams-------	5	5,872	5.5	320
Herd Owner, Harry E. Lanthrop & Son, West Alexandria.	Difference---	(3-3-2)	-647	-.2	-44
KAHOKA'S BRAVO 323489----------	27 daughters-	44	7,671	5.0	387
Born, 12-26-29; proved, 4-28-48;----; Md.	11 daughters-	16	8,245	5.1	421
Sire, 314725; dam, 850953.	11 dams------	16	7,928	5.2	410
Herd Owner, Dr. Herbert Hoopes & Sons, Bel Air.	Difference---	(7-5-7)	+317	-.1	+11
LILAC REMUS CHIEFTAIN 406867----------	19 daughters-	29	8,336	5.2	432
Born, 11-17-39; proved, 4-5-48; alive; Mass.	9 daughters--	14	7,760	5.0	389
Sire, 328497; dam, 1159024.	9 dams-------	16	8,916	5.1	456
Used in New Hampshire A. B. A., N. H.	Difference---	(2-4-1)	-1,156	-.1	-67
LILAC SONIA REMUS 409520 *11----------	25 daughters-	45	10,110	5.6	571
Born, 11-11-38; proved, 4-8-48; alive; Wash.	16 daughters-	31	9,819	5.8	571
Sire, 328497; dam, 1154698.	16 dams------	34	8,476	5.3	452
Used in Evergreen A. B. A.	Difference---	(15-13-15)	+1,343	+.5	+119
MAC'S BLONDE COME SON NORMAN 383581----------	6 daughters--	8	7,111	5.4	381
Born, 6-13-36; proved, 4-20-48;----; Wash.	5 daughters--	6	7,113	5.4	383
Sire, 354413; dam, 1084231.	5 dams-------	8	7,233	5.4	393
Herd Owner, Harvey M. Johnson, Kent.	Difference---	(2-2-2)	-120	.0	-10

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MOURIER COUNT 385516----------	7 daughters--	12	8,053	5.4	435
Born, 10-30-36; proved, 4-30-48;----; Wis.	6 daughters--	10	7,950	5.3	424
Sire, 288433; dam, 902871.	6 dams-------	18	6,798	5.4	364
Herd Owner, George E. Holmes, Hudson.	Difference---	(5-4-5)	+1,152	-.1	+60
OBSERVER ONWARD J. B. 410458 *(June 1947)----------	22 daughters-	29	6,408	5.3	338
Born, 10-10-38; proved, 4-5-48; alive; Conn.	19 daughters-	26	6,361	5.3	335
Sire, 370570; dam, 1011199.	19 dams------	36	6,936	5.3	365
Used in Broome Co-op. A. B. A., Inc., N. Y.	Difference---	(5-10-7)	-575	.0	-30
OWL POGIS WARRIOR 447983----------	5 daughters--	6	8,349	5.3	444
Born, 12-18-41; proved, 4-20-48;----; Vt.	5 dams-------	19	8,450	5.4	457
Sire, 368445; dam, 1153635.	Difference---	(3-3-2)	-101	-.1	-13
Herd Owner, Carl S. Lewis, Woodstock.					
OXFORD DIPLOMAT O.'S F. 388665----------	5 daughters--	6	9,420	4.9	466
Born, 9-19-37; proved, 4-30-48;----; Calif.	5 dams-------	23	7,566	5.2	393
Sire, 368820; dam, 1083138.	Difference---	(4-2-4)	+1,854	-.3	+73
Herd Owner, Earl Graham & Sons, Chula Vista.					
OXFORD TULIP ASTOR-DESIGN 372538----------	7 daughters--	9	6,501	5.0	325
Born, 6-5-35; proved, 4-23-48;----; Tenn.	6 daughters--	8	6,599	4.9	322
Sire, 355589; dam, 1015901.	6 dams-------	9	6,336	4.7	301
Herd Owner, C. A. Carter, Corryton.	Difference---	(5-3-5)	+263	+.2	+21
PASSPORT CID 335209----------	17 daughters-	47	4,936	5.0	247
Born, 3-28-30; proved, 4-13-48; dead; N. Y.	6 daughters--	14	5,190	4.8	249
Sire, 286392; dam, 823732.	6 dams-------	40	5,717	5.1	290
Herd Owner, Edward L. Nichols, South Kortright.	Difference---	(0-3-0)	-527	-.3	-41
PASTICHE DESIGN 388543----------	11 daughters-	12	8,878	5.1	457
Born, 12-26-37; proved, 4-29-48;----; Mo.	10 daughters-	11	9,406	5.1	482
Sire, 365450; dam, 995070.	10 dams------	39	9,077	5.3	479
Herd Owner, George Saffarans & Son, Palmyra.	Difference---	(6-3-5)	+329	-.2	+3
POGIS HAPPY DUKE 351554----------	7 daughters--	33	7,223	5.4	389
Born, 3-20-32; proved, 4-28-48;----; Pa.	7 dams-------	30	7,450	4.9	365
Sire, 319277; dam, 919688.	Difference---	(4-6-6)	-227	+.5	+24
Herd Owner, Belle Vue Farm, Bigler.					
PROGRESS OWL'S PARAGON 318198----------	7 daughters--	16	6,920	4.9	341
Born, 3-31-29; proved, 4-22-48; dead; Mo.	6 daughters--	13	7,101	4.9	347
Sire, 163331; dam, 709398.	6 dams-------	18	6,600	5.0	329
Herd Owner, Pevely Dairy, Crescent.	Difference---	(2-3-3)	+501	-.1	+18
QUECHEE SYBIL HOPE 383916----------	12 daughters-	17	6,934	5.8	403
Born, 2-11-37; proved, 4-20-48;----; Ind.	6 daughters--	8	6,907	5.8	402
Sire, 360347; dam, 950072.	6 dams-------	11	6,735	5.5	368
Herd Owner, Joe P. Ice & Son, Mt. Summit.	Difference---	(4-4-4)	+172	+.3	+34
REMUS KNIGHT 397464----------	6 daughters--	13	8,124	5.0	405
Born, 5-16-38; proved. 4-22-48;----; Utah.	6 dams-------	22	7,938	5.0	398
Sire, 375330; dam, 950440.	Difference---	(4-3-3)	+186	.0	+7
Herd Owner, A. R. Turner, Morgan.					
ROMANA SPOTTED SYBIL SIR 411981----------	5 daughters--	8	5,857	5.2	301
Born, 11-23-39; proved, 4-8-48; dead; Vt.	5 dams-------	12	5,345	5.2	278
Sire, 402014; dam, 720144.	Difference---	(3-3-3)	+512	.0	+23
Herd Owner, Elton W. Clifford, North Pomfret.					
ROSEBUD OXFORD SONNY 364113 *6----------	27 daughters-	47	8,666	5.8	501
Born, 9-10-34; proved, 4-7-48; dead; Oreg.	21 daughters-	39	8,758	5.8	506
Sire, 254498; dam, 608761.	21 dams------	50	9,519	5.7	547
Herd Owner, H. J. Merz, Ada.	Difference---	(6-13-6)	-761	+.1	-41
ROYAL BLONDE NOBLE SULTAN 404277----------	9 daughters--	12	8,427	5.2	434
Born, 1-4-38; proved, 4-13-48;----; Mich.	6 daughters--	9	8,674	5.0	437
Sire, 381306; dam, 1158180.	6 dams-------	12	7,336	5.1	376
Herd Owner, Clair Lake, Olivet.	Difference---	(4-1-5)	+1,338	-.1	+61
SOPHIE TORMENTOR BEAU 381580----------	8 daughters--	28	6,905	4.8	332
Born, 12-5-36; proved, 4-21-48;----; Va.	8 dams-------	43	5,557	4.7	263
Sire, 362679; dam, 1064821.	Difference---	(7-6-6)	+1,348	+.1	+69
Herd Owner, J. G. Kinzie, Troutville.					
SPECKLED BAND TIDY KING 389442----------	10 daughters-	10	8,301	5.1	419
Born, 9-4-37; proved, 4-7-48; dead; Ky.	7 daughters--	7	8,344	5.1	423
Sire, 329817; dam, 958722.	7 dams-------	17	6,933	5.5	384
Herd Owner, Jones & Bohon, Harrodsburg.	Difference---	(6-0-3)	+1,411	-.4	+39
STORRS TRIXIE SIGNAL 390018----------	6 daughters--	17	8,760	4.6	402
Born, 2-6-38; proved, 4-30-48;----; N. H.	6 dams-------	25	8,581	4.7	406
Sire, 360347; dam, 909339.	Difference---	(4-3-2)	+179	-.1	-4
Herd Owner, University of New Hampshire, Durham.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SUCCESSOR PRIMROSE DUKE 402868----------	11 daughters-	14	8,970	5.2	471
Born, 4-17-38; proved, 4-5-48;----; Ohio.	9 daughters--	12	9,316	5.3	494
Sire, 375906; dam, 962329.	9 dams-------	17	10,385	5.0	515
Herd Owner, Kenneth Zellar, Beloit.	Difference---	(1-6-3)	-1,069	+.3	-21
SULTAN OXFORD VOLUNTEER 333709----------	19 daughters-	43	5,841	4.9	286
Born, 11-10-29; proved, 4-8-48;----; Tenn.	5 daughters--	11	5,453	5.0	270
Sire, 237039; dam, 555559.	5 dams-------	9	4,850	4.7	229
Herd Owner, Chestnut Farm Dairy, Englewood.	Difference---	(4-4-4)	+603	+.3	+41
SYBILHOLME GAMBOGE 3D 377809----------	16 daughters-	36	8,532	5.2	442
Born, 11-26-35; proved, 4-29-48;----; Vt.	11 daughters-	26	8,532	5.2	442
Sire, 342223; dam, 957731.	11 dams------	23	6,905	4.8	329
Herd Owner, Whitehall Farm, Windsor.	Difference---	(10-8-10)	+1,627	+.4	-113
SYBIL PACIFIER 388330----------	10 daughters-	18	5,688	5.3	299
Born, 7-24-37; proved, 4-28-48; dead; N. Y.	5 daughters--	10	5,745	5.3	307
Sire, 366006; dam, 1107057.	5 dams-------	7	6,145	5.6	344
Herd Owner, Cuyler G. Harrison & Son, Oneonta.	Difference---	(0-2-1)	-400	-.3	-37
TIDY DUKE 375267----------	13 daughters-	33	7,176	4.8	342
Born, 8-27-35; proved, 4-22-48;----; Va.	7 daughters--	21	7,812	4.8	372
Sire, 329817; dam, 770111.	7 dams-------	16	7,712	4.7	359
Herd Owner, Roy E. Groseclose, Marion.	Difference---	(3-4-5)	+100	+.1	+13
TRIBUTE XENIA FERN LAD 398925----------	7 daughters--	13	6,675	4.8	322
Born, 9-1-38; proved, 4-8-48; dead; Mo.	6 daughters--	12	6,744	4.8	321
Sire, 341324; dam, 800083.	6 dams-------	12	8,147	4.8	394
Herd Owner, Clarence Goldsberry, Bucyrus.	Difference---	(1-2-1)	-1,403	.0	-73
TRIXIE'S SYBIL ROYAL 399233----------	16 daughters-	20	6,044	5.2	317
Born, 1-21-39; proved, 4-29-48;----; Vt.	9 daughters--	11	5,973	5.2	312
Sire, 377517; dam, 1125492.	9 dams-------	21	6,938	5.3	368
Herd Owner, Verne P. Fogg, South Royalton.	Difference---	(1-4-0)	-965	-.1	-56
VALIANT OF OAKLANDS 389049----------	24 daughters-	34	7,437	4.9	362
Born, 4-7-28; proved, 4-26-48;----; Wis.	14 daughters-	19	7,261	5.0	359
Sire, 286449; dam, 896272.	14 dams------	52	7,271	4.9	357
Herd Owner, Vernon Co. Asylum, Viroqua.	Difference---	(6-6-7)	-10	+.1	+2
VALIANT STRONGHEART 387241----------	6 daughters--	8	7,622	5.2	397
Born, 8-19-37; proved, 4-30-48;----; Wis.	5 daughters--	7	7,365	5.4	400
Sire, 365317; dam, 973856.	5 dams-------	23	7,306	5.7	417
Herd Owner, William Jensen, River Falls.	Difference---	(2-1-2)	+59	-.3	-17
VENADERA FAUVIC DESIGN 420865----------	20 daughters-	27	8,753	5.1	446
Born, 9-10-40; proved, 4-8-48;----; Calif.	16 daughters-	22	8,717	5.1	447
Sire, 394098; dam, 996283.	16 dams------	80	8,734	5.1	449
Herd Owner, H. W. Low Ranch, Hughson.	Difference---	(9-9-10)	-17	.0	-2
VICTOR LORAINE HOWARD 383741----------	7 daughters--	7	6,837	5.4	367
Born, 4-20-37; proved, 4-20-48; dead; Vt.	7 dams-------	31	7,731	5.2	398
Sire, 335248; dam, 880091.	Difference---	(3-5-3)	-894	+.2	-31
Herd Owner, Clarence Martin, East Richford.					
VICTORY DRACONIAN 318653----------	12 daughters-	29	6,869	5.9	403
Born, 9-29-29; proved, 4-5-48;----; Ind.	8 daughters--	21	6,966	5.9	413
Sire, P. S. 6447 H. C.; dam, 868189.	8 dams-------	12	6,546	5.5	362
Herd Owner, Bergen LaGrange, Franklin.	Difference---	(5-8-5)	+420	+.4	+51
VIRGINIA OF HILLSIDE'S CHIEF 326217----------	14 daughters-	50	8,777	5.4	472
Born, 11-27-29; proved, 4-23-48;----; Pa.	6 daughters--	19	8,597	5.6	478
Sire, 285078; dam, 811164.	6 dams-------	31	8,778	5.5	484
Herd Owner, H. G. Von Wolffradt & Son, Athens.	Difference---	(3-3-2)	-181	+.1	-6
WALLACE FARM SUSIE'S CHIEF 329763----------	16 daughters-	60	5,236	5.4	285
Born, 10-25-29; proved, 4-12-48;----; Wis.	5 daughters--	16	5,334	5.3	280
Sire, 290789; dam, 829376.	5 dams-------	17	5,099	5.1	260
Herd Owner, Verne Stelling, Ontario.	Difference---	(3-4-3)	+235	+.2	+20
WAR BREAD GOLDEN TEA 390002----------	7 daughters--	12	8,693	5.0	436
Born, 11-19-37; proved, 4-29-48;----; Pa.	7 dams-------	25	9,023	4.9	442
Sire, 348445; dam, 976566.	Difference---	(3-5-4)	-330	+.1	-6
Herd Owner, Howard C. Wollaston & Sons, Toughkenamon.					
WATFERN MOOR KING 372271----------	5 daughters--	5	6,291	5.2	328
Born, 1-10-36; proved, 4-21-48;----; Ill.	5 dams-------	10	6,782	5.3	360
Sire, 314552; dam, 988524.	Difference---	(2-2-2)	-491	-.1	-32
Herd Owner, R. V. McKee & Son, Varna.					
WATFERN MOOR SUCCESSOR 361455 *(Sept. 1947)----------	16 daughters-	21	7,265	5.5	397
Born, 6-30-34; proved, 4-15-48;----; N. Y.	14 daughters-	19	7,114	5.5	391
Sire, 314552; dam, 737352.	14 dams------	44	7,598	5.1	389
Herd Owner, Lake Placid Club, Lake Placid.	Difference---	(6-12-7)	-484	+.4	+2

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WATFERN'S DREAMER 314552----------	15 daughters-	70	8,429	5.0	421
Born, 5-21-23; proved, 4-14-48; dead; N. Y.	9 daughters--	37	8,351	5.0	417
Sire, 258757; dam, 646124.	9 dams-------	29	7,169	5.4	384
Herd Owner, Ira G. Payne, East Schodack.	Difference---	(7-3-7)	+1,182	-.4	+33
419237----------	9 daughters--	13	6,576	5.1	333
Born, ----; proved, 4-20-48;----; Ga.	5 daughters--	7	6,838	5.0	345
Sire, ----; dam, ----.	5 dams-------	10	6,103	5.1	310
Used in Mississippi Co-op. A. B. A., Miss.	Difference---	(3-2-4)	+735	-.1	+35
422917----------	11 daughters-	15	6,695	5.5	367
Born, ----; proved, 4-28-48;----; Mo.	6 daughters--	8	6,683	5.4	361
Sire, ----; dam, ----.	6 dams-------	11	8,188	5.3	430
Used in North Texas A. B. A., Tex.	Difference---	(1-4-2)	-1,505	+.1	-69
23*W800 (BANGS OR TB EARTAG)----------	6 daughters--	8	7,235	5.0	361
Born, ----; proved, 4-29-48;----; Pa.	6 dams-------	7	7,699	4.5	344
Sire, ----; dam, ----.	Difference---	(2-6-4)	-464	+.5	+17
Herd Owner, Homer Amon, Stoneboro.					
34*467331 (BANGS OR TB EARTAG)----------	5 daughters--	7	7,871	5.5	431
Born, ----; proved, 4-28-48;----; Mich.	5 dams-------	12	8,393	5.0	419
Sire, ----; dam, ----.	Difference---	(1-5-2)	-522	+.5	+12
Herd Owner, Carl W. Tucker & Sons, Ortonville.					

RED DANE SIRES

51*D507 (EARTAG) *10----------	84 daughters-	138	7,477	4.0	301
Born, ----; proved, 4-21-48; dead; Mich.	75 daughters-	123	7,501	4.0	303
Sire, 51*D501; dam, 51*D8.	75 dams------	166	7,134	4.1	295
Herd Owner, Alex Davies, Marlette.	Difference---	(42-34-39)	+367	-.1	+8
51*D508 (EARTAG) *10----------	33 daughters-	66	8,179	3.8	315
Born, ----; proved, 4-22-48; dead; Mich.	25 daughters-	50	8,490	3.8	327
Sire, 51*D502; dam, 51*D12.	25 dams------	58	8,312	3.7	304
Herd Owner, Alfred Schneider, Marlette.	Difference---	(12-20-14)	+178	+.1	+23
51*D509 (EARTAG) *10----------	33 daughters-	82	8,336	4.1	342
Born, ----; proved, 4-22-48; alive; Mich.	29 daughters-	75	8,485	4.1	349
Sire, 51*D502; dam, 51*D11.	29 dams------	91	8,457	4.1	344
Used in Michigan A. B. A., Inc.	Difference---	(14-20-15)	+28	.0	+5
51*D519 (EARTAG) *11----------	63 daughters-	109	7,908	4.1	325
Born, 8-17-38; proved, 4-22-48; alive; Mich.	44 daughters-	78	7,860	4.1	318
Sire, 51*D502; dam, 51*D10.	44 dams------	89	6,862	4.2	289
Used in Michigan A. B. A., Inc.	Difference---	(29-18-27)	+998	-.1	+29

SHORTHORN SIRES

EDGEWOOD PROMOTER 4TH 2019617----------	6 daughters--	12	8,517	3.9	336
Born, 2-17-40; proved, 4-8-48;----; Iowa.	6 dams-------	18	6,818	3.7	252
Sire, 1788135; dam, 1828788.	Difference---	(4-4-4)	+1,699	+.2	+84
Herd Owner, Vernon E. Topp, Estherville.					
KING RIVERFORD 1860170----------	17 daughters-	26	7,354	4.1	300
Born, 5-1-35; proved, 4-6-48; alive; W. Va.	11 daughters-	18	7,331	4.1	298
Sire, 1712459; dam, 1706317.	11 dams------	35	7,482	4.1	305
Herd Owner, J. Dunkin Lodge, Bridgeport.	Difference---	(3-7-4)	-151	.0	-7
MARYDALE ROAN BUDDY 2050787----------	5 daughters--	7	9,753	3.9	381
Born, 10-9-40; proved, 4-5-48;----; Ind.	5 dams-------	7	6,765	4.2	284
Sire, 1949338; dam, 1851196.	Difference---	(5-0-5)	+2,988	-.3	+97
Herd Owner, Fred E. Heiney, Warren.					
YOUNGCREST TOPPER 2057882----------	6 daughters--	7	6,000	3.8	225
Born, 3-29-41; proved, 4-5-48;----; Iowa.	6 dams-------	9	8,099	3.8	311
Sire, 2010272; dam, 2010279.	Difference---	(1-2-2)	-2,099	.0	-86
Herd Owner, Jake E. Telkamp, Lakota.					

AMERICAN DAIRY CATTLE CLUB SIRES

HAYS SUPREME 121
(This sire is also a registered Holstein "Hays Supreme 825540." Proved Sire data included in Holstein listing.)

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June 1948

PROVED SIRES IN ARTIFICIAL-BREEDING ASSOCIATIONS

Of the 1,745 sires reported in service in artificial-breeding associations on January 1, 1948, 426, or 24.4 percent, have DHIA proved-sire records.

The daughters of the 426 sires had an average production of 10,576 pounds of milk and 433 pounds of butterfat. Only 29 of the 426 sires had daughters averaging less than 350 pounds of butterfat while 307, or 72 percent, had daughters that averaged 400 pounds or more.

The data in the following table indicate the producing capacity that the 426 DHIA proved sires are transmitting to herds enrolled in artificial-breeding associations.

Proved sires in service in artificial-breeding associations, January 1, 1948 (grouped according to butterfat range of the dams to which they were mated)

Butterfat production range of dams (pounds)	Sires	Sires that-- Maintained or increased production	Sires that-- Decreased production	Average production of-- Dams: Milk	Dams: Butterfat	Daughters: Milk	Daughters: Butterfat	Increase (+) or decrease (-) by daughters: Milk	Butterfat
	Number	Number	Number	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
250-274--	1	1	0	5,341	268	6,540	343	+1,199	+75
275-299--	4	4	0	6,967	287	8,436	362	+1,469	+75
300-324--	15	15	0	7,072	313	8,012	372	+940	+59
325-349--	15	13	2	7,460	339	8,586	393	+1,126	+54
350-374--	69	57	12	8,776	359	9,634	400	+858	+41
375-399--	85	62	23	9,703	388	10,172	420	+469	+32
400-424--	95	70	25	10,355	411	10,809	436	+454	+25
425-449--	63	40	23	10,792	437	10,933	452	+141	+15
450-474--	37	27	10	11,814	457	12,054	471	+240	+14
475-499--	26	13	13	12,328	485	11,941	474	-387	-11
500-524--	14	6	8	13,919	511	13,504	506	-415	- 5
550-574--	2	0	2	15,387	552	12,864	482	-2,523	-70
Total or average	426	308	118	10,161	407	10,576	433	+415	+26

DHIA PROVED-SIRE RECORDS TABULATED IN MAY 1948

Following is a list of 273 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in May 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST NEW DEAL 49382----------	36 daughters-	83	8,956	4.0	360
Born, 6-11-34; proved, 5-20-48;----; Conn.	7 daughters--	24	9,468	4.0	382
Sire, 44684; dam, 90263.	7 dams-------	12	9,116	3.8	348
Herd Owner, Ernest E. Forrest & Son, Northfield.	Difference---	(4-6-4)	+352	+.2	+34
ARDROSSAN CLARA'S CHIEFTAIN 61334----------	13 daughters-	17	9,238	4.1	375
Born, 11-17-38; proved, 5-28-48;----; Pa.	12 daughters-	16	8,959	4.0	362
Sire, 40969; dam, 132438.	12 dams------	46	8,249	4.3	351
Herd Owner, Ardrossan Farms, Ithan.	Difference---	(6-2-6)	+710	-.3	+11
BUDDIE PENN OF SCUTT FARMS 61281----------	6 daughters--	12	6,775	3.9	266
Born, 10-28-38; proved, 5-12-48;----; N. Y.	6 dams-------	24	8,199	3.9	324
Sire, 43535; dam, 153918.	Difference---	(2-3-2)	-1,424	.0	-58
Herd Owner, Robert Hildyard, Ferndale.					
JONATHAN'S PANSY'S GLEN 60372----------	19 daughters-	28	8,347	4.3	355
Born, 11-24-38; proved, 5-28-48;----; Conn.	8 daughters--	12	8,176	4.3	351
Sire, 52349; dam, 120580.	8 dams-------	10	9,218	4.2	387
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference---	(3-6-3)	-1,042	+.1	-36
RED JIM'S LADADA (TWIN) 60899----------	7 daughters--	13	9,091	4.1	369
Born, 5-31-38; proved, 5-12-48;----; Iowa.	5 daughters--	9	9,217	4.0	366
Sire, 50177; dam, 149172.	5 dams-------	25	9,681	4.0	385
Herd Owner, Fred Hoeger & Son, Maynard.	Difference---	(1-3-2)	-464	.0	-19
SYCAMORE EARLY MORN 57338----------	21 daughters-	41	11,073	3.9	430
Born, 9-17-37; proved, 5-17-48; alive; N. Y.	20 daughters-	37	11,042	3.9	428
Sire, 51654; dam, 149222.	20 dams------	128	10,612	3.9	413
Used in New York Co-op. A. B. A., Inc.	Difference---	(12-11-10)	+430	.0	+15
SYCAMORE PREDOMINANT 53833 *(July 1947)----------	26 daughters-	41	8,747	4.1	360
Born, 3-19-36; proved, 5-12-48; dead; Pa.	10 daughters-	14	8,082	4.2	337
Sire, 35622; dam, 144913.	10 dams------	27	9,698	4.1	398
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(1-6-2)	-1,616	+.1	-61
WHITPAIN LAST DUKE 61574----------	16 daughters-	16	5,942	3.7	218
Born, 4-22-39; proved, 5-12-48;----; Del.	11 daughters-	11	5,645	3.7	208
Sire, 43060; dam, 138978.	11 dams------	15	7,411	3.7	274
Herd Owner, Delaware Colony, Stockley.	Difference---	(2-6-3)	-1,766	.0	-66
BROWN SWISS SIRES					
ALLIS DICKIE BOY (TWIN) 50464----------	8 daughters--	9	9,149	3.7	343
Born, 7-9-40; proved, 5-24-48;----; Minn.	7 daughters--	8	9,317	3.7	345
Sire, 30090; dam, 65803.	7 dams-------	15	9,974	3.8	383
Herd Owner, William N. Kessler, Albertville.	Difference---	(2-1-2)	-657	-.1	-38
CHALLENGER'S FAVORITE OF ALFALFA KNOLL 39130 *9----------	23 daughters-	50	10,576	4.4	468
Born, 5-15-37; proved, 5-21-48;----; I 1.	21 daughters-	46	10,622	4.4	468
Sire, 34515; dam, 60711.	21 dams------	78	10,345	4.0	419
Used in Tri-State Co-op. A. B. A., Wis.	Difference---	(11-19-13)	+277	+.4	+49
SWISSLAND GUY 50710----------	7 daughters--	11	10,959	4.0	441
Born, 2-23-41; proved, 5-12-48; alive; N. Y.	7 dams-------	29	11,809	4.0	467
Sire, 43878; dam, 51614.	Difference---	(2-5-2)	-850	.0	-26
Herd Owner, George A. Smith Estate, Cobleskill.					
WALHALLA FILLPAIL JESTER 48175----------	17 daughters-	18	12,813	4.0	517
Born, 1-24-40; proved, 5-24-48;----; Wis.	11 daughters-	12	13,583	4.0	544
Sire, 41657; dam, 42947.	11 dams------	34	12,204	4.0	491
Herd Owner, Ostval Farms, Burlington.	Difference---	(7-5-8)	+1,379	.0	+53

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ARMY FORD'S VALOR 275625----------	15 daughters-	23	7,396	4.8	352
Born, 4-25-38; proved, 5-26-48;----; Wis.	10 daughters-	16	7,404	4.6	344
Sire, 193735; dam, 330781.	10 dams------	27	8,070	4.5	362
Herd Owner, State Teachers College, Platteville.	Difference---	(3-7-5)	-666	+.1	-18
BEAUHAVEN'S RELIANCE 248584----------	6 daughters--	9	7,728	5.1	396
Born, 6-4-34; proved, 5-13-48;----; Maine.	5 daughters--	7	8,114	5.2	419
Sire, 172242; dam, 237610.	5 dams-------	8	8,827	4.8	423
Herd Owner, Harvey W. Gilbert & Son, Farmington.	Difference---	(3-5-3)	-713	+.4	-4
BETHANY HAYES ARCHER 272904----------	10 daughters-	14	7,108	4.5	322
Born, 1-9-39; proved, 5-28-48;----; Iowa.	8 daughters--	12	7,101	4.5	320
Sire, 231344; dam, 309842.	8 dams-------	39	6,768	4.9	332
Herd Owner, Jacob J. Onken, Sibley.	Difference---	(5-2-5)	+333	-.4	-12
BOULDER BRIDGE GUIDE 316080----------	10 daughters-	10	6,903	5.4	375
Born, 8-11-41; proved, 5-17-48;----; Minn.	6 daughters--	6	7,169	5.3	382
Sire, 145445; dam, 594321.	6 dams-------	6	8,015	5.0	399
Used in Minnesota Valley A. B. A.	Difference---	(0-5-2)	-846	+.3	-17
BOULDER BRIDGE RECORDED 331097----------	6 daughters--	6	8,617	4.9	422
Born, 11-9-42; proved, 5-13-48;----; Minn.	5 daughters--	5	8,492	4.9	417
Sire, 259502; dam, 668542.	5 dams-------	7	7,668	5.0	386
Herd Owner, M. C. & Earl A. Ness, Albert Lea.	Difference---	(3-1-2)	+824	-.1	+31
BOULDER BRIDGE SUCCESS 271441----------	19 daughters-	30	7,778	4.7	363
Born, 10-12-38; proved, 5-28-48;----; Wis.	18 daughters-	29	7,784	4.7	364
Sire, 238141; dam, 340048.	18 dams------	67	7,810	4.7	368
Herd Owner, Boyd Harshman, Elk Mound.	Difference---	(10-10-9)	-26	.0	-4
BOULDER BRIDGE SUNLIGHT 274911----------	11 daughters-	15	7,710	5.1	396
Born, 9-16-38; proved, 5-19-48;----; Minn.	8 daughters--	11	7,530	5.4	406
Sire, 216336; dam, 524102.	8 dams-------	21	9,559	5.1	483
Used in Badger Co-op. A. B. A., Wis.	Difference---	(1-6-1)	-2,029	+.3	-77
CESOR GENERAL'S SUPREME 275237 *(Apr. 1947)----------	12 daughters-	18	8,266	4.8	393
Born, 7-12-38; proved, 5-20-48;----; Mich.	10 daughters-	16	8,544	4.7	403
Sire, 208540; dam, 319234.	10 dams------	22	9,000	4.8	434
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-4-3)	-456	-.1	-31
CHEDCO RELIANCE 264489----------	12 daughters-	17	7,519	4.6	344
Born, 8-28-38; proved, 5-20-48;----; Wis.	7 daughters--	8	7,956	4.6	364
Sire, 211731; dam, 332673.	7 dams-------	21	6,218	4.7	294
Used in Tri-State Co-op. A. B. A.	Difference---	(4-2-5)	+1,738	-.1	+70
CHESTERBROOK'S KING OF WYANET 265276----------	16 daughters-	33	8,201	5.3	431
Born, 8-21-38; proved, 5-26-48;----; Iowa.	14 daughters-	31	8,253	5.2	431
Sire, 177171; dam, 416991.	14 dams------	45	8,391	5.0	423
Herd Owner, Henry Gensicke & Son, Cedar Rapids.	Difference---	(6-10-7)	-138	+.2	+8
CHINQUAPIN BRONZE PRINCE 285666----------	13 daughters-	16	7,573	4.6	347
Born, 4-2-40; proved, 5-19-48;----; Wis.	12 daughters-	15	7,676	4.6	352
Sire, 234207; dam, 335546.	12 dams------	54	6,855	4.8	327
Used in Badger Co-op. A. B. A.	Difference---	(8-5-7)	+821	-.2	+25
COLDSPRING'S HARDWICK'S BANNER 309695----------	6 daughters--	6	7,488	4.6	345
Born, 8-24-41; proved, 5-18-48; alive; Pa.	6 dams-------	14	8,470	4.9	413
Sire, 207097; dam, 518907.	Difference---	(2-2-2)	-982	-.3	-68
Herd Owner, John L. Campbell, Catawissa.					
DOUGLASTON BARON ROSSMORE 272274----------	14 daughters-	15	7,535	5.1	381
Born, 11-23-38; proved, 5-26-48;----; N. Y.	13 daughters-	14	7,483	5.1	382
Sire, 226719; dam, 450326.	13 dams------	24	7,504	4.7	349
Herd Owner, Philip Vander Goes, North Chatham.	Difference---	(7-12-8)	-21	+.4	+33
DUKE DUNROVIN 248244----------	5 daughters--	9	10,166	4.6	466
Born, 10-13-36; proved, 5-13-48;----; Mich.	5 dams-------	11	9,042	4.8	435
Sire, 212815; dam, 432385.	Difference---	(4-1-3)	+1,124	-.2	+31
Herd Owner, Dr. L. F. Cobb, Goodrich.					
EVERGREEN'S BUTTERFAT VIKING 283099 *(June 1947)----------	12 daughters-	18	6,949	5.3	371
Born, 12-8-39; proved, 5-19-48;----; Minn.	9 daughters--	14	7,043	5.3	376
Sire, 225497; dam, 538866.	9 dams-------	36	7,089	4.7	333
Used in Land O'Lakes A. B. A.	Difference---	(6-9-7)	-46	+.6	+43
FOREMOST COMBINATION 223971----------	23 daughters-	38	7,758	4.9	382
Born, 10-7-33; proved, 5-24-48; dead; N. Y.	9 daughters--	14	8,165	5.0	407
Sire, 182562; dam, 373667.	9 dams-------	37	8,240	4.9	405
Used in New York Co-op. A. B. A., Inc.	Difference---	(5-5-5)	-75	+.1	+2
FOREMOST OLINDA'S NONPAREIL 303517----------	7 daughters--	11	9,255	5.1	468
Born, 12-23-40; proved, 5-27-48;----; Iowa.	6 daughters--	9	9,055	5.2	470
Sire, 245195; dam, 561810.	6 dams-------	11	8,354	4.8	398
Herd Owner, William J. Baker & Son, Mt. Pleasant.	Difference---	(3-5-6)	+701	+.4	+72

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GAY BOY OF AUBURNDALE 263653----------	14 daughters-	24	6,662	4.8	321
Born, 3-1-38; proved, 5-26-48;----; N. Y.	8 daughters--	14	6,503	4.9	320
Sire, 237498; dam, 414335.	8 dams-------	19	6,654	5.2	343
Herd Owner, Lyle Matteson, Brownville.	Difference---	(4-4-3)	-151	-.3	-23
GLENWATER FINANCIER 283563 *(Aug. 1947)----------	18 daughters-	30	6,712	5.1	343
Born, 8-30-39; proved, 5-19-48;----; Minn.	18 dams------	70	7,012	5.2	367
Sire, 237407; dam, 532503.	Difference---	(6-6-8)	-300	-.1	-24
Used in Minnesota Valley A. B. A.					
GOLDEN SUPERIOR OF FAIRVIEW 252826----------	7 daughters--	7	7,393	5.0	369
Born, 8-9-37; proved, 5-24-48;----; Pa.	6 daughters--	6	7,312	5.0	365
Sire, 198091; dam, 182793.	6 dams-------	20	7,946	4.8	382
Herd Owner, John S. Brant, Dallastown.	Difference---	(2-2-2)	-634	+.2	-17
GREEN GABLES MAGNET KING 271318----------	11 daughters-	18	7,482	5.1	380
Born, 6-5-38; proved, 5-13-48;----; Ill.	11 dams------	37	7,917	5.0	393
Sire, 223828; dam, 415843.	Difference---	(3-8-3)	-435	+.1	-13
Herd Owner, Green Gables Farm, Freeport.					
HILLTOP BUTTERFAT 192478----------	17 daughters-	33	7,199	4.7	341
Born, 2-3-31; proved, 5-28-48;----; N. J.	6 daughters--	13	7,615	4.7	358
Sire, 138488; dam, 160768.	6 dams-------	25	7,989	4.9	392
Herd Owner, George H. Preidel, Bordentown.	Difference---	(3-3-3)	-374	-.2	-34
HINDSDALE GOLDEN RANGER 216958----------	11 daughters-	20	9,263	4.7	433
Born, 3-29-34; proved, 5-13-48;----; Vt.	5 daughters--	11	9,889	4.7	466
Sire, 164696; dam, 376646.	5 dams-------	8	8,030	4.8	389
Herd Owner, Howland Farm, Brattleboro.	Difference---	(5-1-5)	+1,859	-.1	+77
JANSON 275061----------	14 daughters-	23	7,417	5.1	377
Born, 4-8-39; proved, 5-28-48;----; N. J.	12 daughters-	20	7,390	5.1	376
Sire, 216093; dam, 371637.	12 dams------	50	8,968	4.7	423
Used in Burlington Co. A. B. A.	Difference---	(2-11-2)	-1,578	+.4	-47
JOBETTY'S RED BOY 271738----------	7 daughters--	11	6,863	4.5	311
Born, 1-15-39; proved, 5-25-48;----; W. Va.	6 daughters--	10	7,315	4.5	329
Sire, 231029; dam, 417857.	6 dams-------	21	4,641	4.5	211
Herd Owner, Bethany College Farm, Bethany.	Difference---	(6-4-6)	+2,674	.0	+118
JONACRE VANITY 282310 *(Aug. 1947)----------	27 daughters-	41	7,693	4.5	348
Born, 10-22-39; proved, 5-17-48;----; Wis.	20 daughters-	31	7,675	4.6	350
Sire, 196128; dam, 589717.	20 dams------	57	6,914	4.9	342
Used in East Central Co-op. A. B. A.	Difference---	(14-6-12)	+761	-.3	+8
KENFLEUR'S PILGRIM CRESCENT 115615----------	16 daughters-	31	7,761	5.2	401
Born, 11-26-25; proved, 5-24-48;----; Ind.	6 daughters--	13	7,001	5.0	352
Sire, 90983; dam, 147257.	6 dams-------	7	7,946	5.3	420
Herd Owner, Everett R. Beaty, Huntington.	Difference---	(2-2-2)	-945	-.3	-68
LAD'S REX WANDERER 305413----------	7 daughters--	10	10,325	4.7	484
Born, 3-5-41; proved, 5-27-48;----; Iowa.	7 dams-------	14	9,872	4.6	449
Sire, 274003; dam, 497002.	Difference---	(5-7-6)	+453	+.1	+35
Herd Owner, Paul & Ereel Palm, Fairfield.					
LAKESIDE PATRIOT 276586----------	8 daughters--	10	5,668	4.6	261
Born, 7-27-38; proved, 5-24-48;----; Maine.	7 daughters--	8	5,518	4.6	252
Sire, 238550; dam, 335696.	7 dams-------	8	8,537	4.5	385
Herd Owner, Hubert A. Bowie, Lisbon.	Difference---	(0-4-0)	-3,019	+.1	-133
LANANDY HIGHLAND PRINCE 272033----------	17 daughters-	42	7,140	3.9	275
Born, 10-24-37; proved, 5-28-48;----; Conn.	17 dams------	58	7,145	4.3	305
Sire, 217137; dam, 403629.	Difference---	(8-2-7)	-5	-.4	-30
Herd Owner, Ralph H. Wilcox, Middletown.					
LINDY REVELLER 254277----------	10 daughters-	14	7,557	4.7	354
Born, 8-9-37; proved, 5-20-48;----; Va.	5 daughters--	7	7,231	4.7	340
Sire, 141613; dam, 216155.	5 dams-------	6	7,719	4.7	361
Herd Owner, E. C. C. Woods, Hanover.	Difference---	(1-2-1)	-488	.0	-21
LOCKSHORE LIBERTY LAND 317354----------	9 daughters--	10	9,578	4.9	471
Born, 2-9-42; proved, 5-20-48;----; Mich.	9 dams-------	30	8,750	4.3	380
Sire, 194628; dam, 370665.	Difference---	(5-9-8)	+828	+.6	+91
Used in Indiana A. B. A., Ind.					
LONGWOOD KNIGHT 247988----------	9 daughters--	13	7,543	5.0	374
Born, 4-6-36; proved, 5-13-48;----; Pa.	8 daughters--	12	7,281	5.1	369
Sire, 187797; dam, 264025.	8 dams-------	46	7,511	5.1	382
Herd Owner, Longwood Farms, Kennett Square.	Difference---	(5-5-5)	-230	.0	-13
MCDONALD FARMS BEAU BRUMMEL 249620 *(Aug. 1947)----------	15 daughters-	17	7,274	4.8	352
Born, 3-10-36; proved, 5-19-48;----; Wis.	11 daughters-	13	6,868	4.9	338
Sire, 212227; dam, 389686.	11 dams------	30	6,583	4.9	323
Used in Dane Co-op. A. B. A.	Difference---	(5-4-4)	+285	.0	+15

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MCDONALD FARMS FORCEFUL 308216 *(June 1947)----------	16 daughters-	22	7,724	4.9	378
Born, 12-17-40; proved, 5-19-48;----; Wis.	14 daughters-	20	7,625	4.9	372
Sire, 212939; dam, 523724.	14 dams------	27	8,771	4.7	413
Used in Tri-State Co-op. A. B. A.	Difference---	(6-9-5)	-1,146	+.2	-41
MIDNIGHT PRINCE OF THE GLEN 275820----------	23 daughters-	25	7,078	4.5	319
Born, 5-17-39; proved, 5-20-48;----; Wis.	14 daughters-	14	6,808	4.5	306
Sire, 228886; dam, 475975.	14 dams------	19	9,588	4.4	424
Used in Land O'Lakes A. B. A., Minn.	Difference---	(1-8-0)	-2,780	+.1	-118
MONOGRAM'S HEIR OF GELOSTER 307697----------	7 daughters--	7	8,828	5.0	444
Born, 6-10-40; proved, 5-17-48;----; Mich.	7 dams-------	28	8,284	4.9	403
Sire, 203591; dam, 633523.	Difference---	(6-4-6)	+544	+.1	+41
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).					
MT. ARARAT'S CHALLENGER ABE 303542----------	8 daughters--	14	9,511	4.8	454
Born, 2-20-41; proved, 5-27-48;----; Pa.	8 dams-------	27	8,366	4.8	402
Sire, 214064; dam, 451678.	Difference---	(5-6-6)	+1,145	.0	+52
Herd Owner, David H. Breckbill, Lancaster.					
MURRAY'S SIR HARRIMAN 290518 *(June 1947)----------	11 daughters-	17	10,997	4.8	532
Born, 7-19-40; proved, 5-19-48;----; Ill.	11 dams------	45	8,090	5.1	412
Sire, 248697; dam, 530189.	Difference---	(11-3-11)	+2,907	-.3	+120
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).					
NORMANDY GENERAL 318308----------	8 daughters--	11	7,198	5.2	373
Born, 10-20-41; proved, 5-17-48;----; Wis.	6 daughters--	9	7,198	5.3	379
Sire, 296533; dam, 578206.	6 dams-------	25	8,792	5.1	453
Used in Badger Co-op. A. B. A.	Difference---	(1-3-0)	-1,594	+.2	-74
PINE MANOR CAVALCADE 248263----------	5 daughters--	12	8,269	4.8	397
Born, 12-4-36; proved, 5-13-48;----; Ill.	5 dams-------	9	7,598	4.7	356
Sire, 220214; dam, 404059.	Difference---	(2-3-2)	+671	+.1	+41
Herd Owner, Albert C. Burnham & Sons, Macomb.					
PINE RIDGE ENSIGN 303345----------	14 daughters-	23	7,833	5.1	397
Born, 3-2-41; proved, 5-27-48;----; Minn.	10 daughters-	17	7,923	5.1	403
Sire, 270293; dam, 593045.	10 dams------	33	7,275	5.1	369
Herd Owner, H. R. Brownell, Grand Meadow.	Difference---	(7-7-7)	+648	.0	+34
QUAIL ROOST KING FERDINAND 288475----------	12 daughters-	20	6,571	5.1	338
Born, 3-15-40; proved, 5-28-48;----; Ind.	11 daughters-	19	6,666	5.1	342
Sire, 215828; dam, 416654.	11 dams------	42	7,716	4.9	380
Herd Owner, Rea Riggins & Sons, Inc., Muncie.	Difference---	(5-8-5)	-1,050	+.2	-38
QUAIL ROOST MAXIM KING 215828----------	11 daughters-	13	8,005	5.4	436
Born, 2-18-34; proved, 5-12-48;----; N. C.	6 daughters--	8	7,956	5.3	422
Sire, 104016; dam, 183458.	6 dams-------	6	8,517	4.7	398
Herd Owner, George Watts Hill, Rougemont.	Difference---	(2-6-4)	-561	+.6	+24
RAEMELTON TRIUMPH CHARMER 294250----------	7 daughters--	8	7,670	4.7	360
Born, 2-14-40; proved, 5-20-48;----; Wis.	7 dams-------	10	7,724	4.9	381
Sire, 227565; dam, 356746.	Difference---	(2-2-2)	-54	-.2	-21
Used in Badger Co-op. A. B. A.					
REX'S RAIDER OF WHITE FARMS 224511----------	19 daughters-	28	7,675	5.2	398
Born, 4-9-35; proved, 5-13-48;----; N. Y.	10 daughters-	11	7,606	5.2	393
Sire, 159247; dam, 222626.	10 dams------	33	7,523	4.8	359
Herd Owner, Dr. Homer Nelms, Altamont.	Difference---	(5-9-6)	+83	+.4	+34
RUBY'S ROYAL PIONEER 142604----------	7 daughters--	25	5,412	5.2	281
Born, 10-14-27; proved, 5-25-48;----; Md.	5 daughters--	21	5,242	5.3	277
Sire, 87833; dam, 173071.	5 dams-------	17	7,573	5.0	376
Herd Owner, Charles F., Jr. & Juliet G. Smith, Union Bridge.	Difference---	(0-4-0)	-2,331	+.3	-99
SO-SOCIABLE'S DUKE 245573----------	14 daughters-	25	7,387	4.9	363
Born, 9-10-36; proved, 5-13-48;----; Md.	10 daughters-	14	7,720	5.0	383
Sire, 218157; dam, 330225.	10 dams------	23	6,263	4.4	278
Herd Owner, Allen C. Davis, Sparks.	Difference---	(6-10-7)	+1,457	+.6	+105
SPAR HILL HEIR'S PRINCE 285841 *(Apr. 1947)----------	13 daughters-	17	7,129	4.6	329
Born, 1-9-40; proved, 5-21-48;----; Minn.	13 dams------	48	7,530	4.6	348
Sire, 236860; dam, 441038.	Difference---	(5-8-5)	-401	.0	-19
Used in Land O'Lakes A. B. A.					
SPAR HILL ORCHID'S KING 306477----------	10 daughters-	11	6,539	5.1	330
Born, 5-17-41; proved, 5-27-48;----; Del.	10 dams------	29	7,679	4.9	375
Sire, 287572; dam, 580287.	Difference---	(2-6-3)	-1,140	+.2	-45
Herd Owner, Horace M. Woodward, Wilmington.					
SUSAN'S GOLD BOY 271195----------	13 daughters-	23	6,792	4.9	335
Born, 11-11-38; proved, 5-13-48;----; Wis.	9 daughters--	17	6,780	5.0	337
Sire, 230417; dam, 381951.	9 dams-------	44	7,344	4.8	352
Herd Owner, Brovold Homestead, Ettrick.	Difference---	(3-5-3)	-564	+.2	-15

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
TARBELL FARMS PEERLESS CAESAR 240902 *8----------	9 daughters--	15	8 550	4.6	394
Born, 4-21-36; proved, 5-18-48;----; N. Y.	8 daughters--	14	8,613	4.5	390
Sire, 214202; dam, 325042.	8 dams-------	16	7,100	4.6	326
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).	Difference---	(8-4-6)	+1,513	-.1	+64
THISTLEDOWN LONE RANGER 271055----------	8 daughters--	12	5,178	5.0	258
Born, 5-10-37; proved, 5-28-48;----; Va.	7 daughters--	11	5,179	5.0	259
Sire, 236820; dam, 457946.	7 dams-------	22	5,262	4.9	255
Herd Owner, J. T. S. Hoge Estate, Pembroke.	Difference---	(3-4-4)	-83	+.1	+4
TIANNA'S ORLANDO 292507 *(Aug. 1947)----------	19 daughters-	30	7,629	4.7	358
Born, 5-23-40; proved, 5-19-48; dead; Minn.	13 daughters-	19	7,686	4.6	354
Sire, 224888; dam, 492952.	13 dams------	26	7,621	4.6	351
Used in North Minnesota A. B. A.	Difference---	(8-8-8)	+65	.0	+3
TRUE QUEEN'S JEWELL 272001----------	13 daughters-	22	5,293	4.8	253
Born, 10-2-38; proved, 5-24-48;----; Minn.	11 daughters-	19	5,247	4.7	249
Sire, 228073; dam, 577149.	11 dams------	23	6,404	3.9	249
Herd Owner, Eino Laukala, Hibbing.	Difference---	(1-11-6)	-1,157	+.8	0
U. V. M. HEROINE'S RAIDER 294799----------	12 daughters-	14	6,561	4.7	305
Born, 11-30-39; proved, 5-26-48;----; Vt.	8 daughters--	9	6,474	4.7	303
Sire, 185815; dam, 452014.	8 dams-------	18	7,530	4.8	360
Herd Owner, Kenwood Farm. Shelburne.	Difference---	(2-5-3)	-1,056	-.1	-57
VERBENA'S CLIMAX 271928----------	6 daughters--	11	8,636	4.9	422
Born, 10-14-38; proved, 5-13-48;----; Pa.	5 daughters--	9	8,396	5.0	416
Sire, 245487; dam, 507200.	5 dams-------	10	6,890	4.5	310
Herd Owner, Ted Lukavich, West Sunbury.	Difference---	(4-5-5)	+1,506	+.5	+106
V. P. I. KING DIANA KRISS 216549----------	32 daughters-	91	7,681	4.5	348
Born, 3-7-34; proved, 5-12-48;----; Va.	5 daughters--	10	7,562	4.2	316
Sire, 193299; dam, 320615.	5 dams-------	19	7,899	4.1	321
Herd Owner, N. L. Brown, Natural Bridge.	Difference---	(2-3-3)	-337	+.1	-5
WARD ACRES DUKE OF WINDSOR 272072----------	12 daughters-	24	6,530	4.8	311
Born, 1-19-39; proved, 5-28-48;----; Va.	11 daughters-	23	6,387	4.8	307
Sire, 227831; dam, 434438.	11 dams------	44	6,519	4.7	308
Herd Owner, Sterling Farm, Sterling.	Difference---	(6-6-6)	-132	+.1	-1
WILD FARMS' CALVERT 274378----------	13 daughters-	18	7,972	4.6	365
Born, 4-2-39; proved, 5-28-48;----; Iowa.	5 daughters--	6	7,817	4.7	370
Sire, 191813; dam, 197007.	5 dams-------	7	6,791	4.2	288
Herd Owner, Clarence J. Osterhaus, Worthington.	Difference---	(3-4-4)	+1,026	+.5	+82

HOLSTEIN SIRES

ADMIRAL BEAUTY LASS DELL 6TH 827472----------	9 daughters--	11	12,859	3.5	449
Born, 1-28-41; proved, 5-21-48;----; Wis.	8 daughters--	9	12,818	3.5	450
Sire, 760180; dam, 1834900.	8 dams-------	29	11,960	3.5	418
Herd Owner, Sedgwick & Cole, Limeridge.	Difference---	(4-6-5)	+858	.0	+32
ADMIRAL MELCHIOR ORMSBY 767851----------	5 daughters--	5	10,321	3.3	341
Born, 3-15-38; proved, 5-20-48;----; Wis.	5 dams-------	13	10,165	3.2	323
Sire, 708492; dam, 1760933.	Difference---	(3-5-3)	+156	+.1	+18
Herd Owner, Robert Twobig, St. Cloud.					
ALEXANDER WAYNE REED 867643----------	9 daughters--	9	13,484	3.7	496
Born, 12-13-41; proved, 5-12-48; alive; N. Y.	8 daughters--	8	13,306	3.7	492
Sire, 743032; dam, 2056597.	8 dams-------	12	12,246	3.6	445
Herd Owner, Gordon C. Baird, Holcomb.	Difference---	(5-6-5)	+1,060	+.1	+47
ALTHRO HENRY 799891----------	10 daughters-	12	10,367	3.5	363
Born, 2-2-40; proved, 5-28-48;----; N. H.	10 dams------	34	11,141	3.6	396
Sire, 617203; dam, 1797591.	Difference---	(4-4-5)	-774	-.1	-33
Herd Owner, Laconia State School, Laconia.					
AMES OLLIE PRIDE 815205----------	7 daughters--	9	14,750	3.3	492
Born, 6-29-40; proved, 5-25-48;----; Iowa.	7 dams-------	21	14,751	3.4	506
Sire, 700405; dam, 1888699.	Difference---	(3-3-4)	-1	-.1	-14
Herd Owner, Fred Kinne, Eagle Grove.					
ANOKASTAT THANKSGIVING MAN-O-WAR (TWIN) 776306 *11---------	19 daughters-	26	12,140	3.5	426
Born, 11-24-38; proved, 5-19-48;----; Minn.	18 daughters-	25	12,277	3.5	434
Sire, 717835; dam, 1377953.	18 dams------	73	14,488	3.4	494
Used in Minnesota Valley A. B. A.	Difference---	(4-11-6)	-2,211	+.1	-60
ATHOLL ORMSBY CARNATION PIEBE DON 797425----------	6 daughters--	10	10,908	3.6	395
Born, 10-3-39; proved, 5-28-48;----; Wis.	5 daughters--	9	11,092	3.6	403
Sire, 758910; dam, 1636666.	5 dams-------	13	10,955	3.4	374
Herd Owner, McLachlan & Reider, Cambridge.	Difference---	(2-4-4)	+137	+.2	+29

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BADGER GOVERNOR BESSIE MIKE 802894----------	9 daughters--	15	11,453	3.6	407
Born, 11-21-39; proved, 5-25-48;----; Wis.	5 daughters--	9	11,376	3.5	397
Sire, 720557; dam, 1764223.	5 dams-------	13	12,726	3.4	433
Herd Owner, Conrad Goelzer, Plymouth.	Difference---	(1-4-2)	-1,350	+.1	-36
BAIRDLEA CARNATION JOHN 797650----------	9 daughters--	9	10,413	3.4	355
Born, 8-16-40; proved, 5-28-48;----; N. Y.	5 daughters--	5	10,133	3.4	344
Sire, 659870; dam, 2024726.	5 dams-------	5	9,433	3.5	332
Herd Owner, John O'Brien, Middletown.	Difference---	(3-2-3)	+700	-.1	+12
BAKER FARM INTEREST 782987----------	6 daughters--	9	9,835	3.6	356
Born, 12-24-38; proved, 5-21-48;----; N. Y.	6 dams-------	22	14,286	3.7	525
Sire, 608348; dam, 1681732.	Difference---	(1-3-1)	-4,451	-.1	-169
Herd Owner, William & Fred H. Popans, Chatham.					
BAKER FARM LORD WALKER 826578----------	15 daughters-	23	10,611	3.7	391
Born, 2-28-41; proved, 5-25-48;----; N. Y.	7 daughters--	10	10,309	3.8	388
Sire, 608348; dam, 1681734.	7 dams-------	11	12,916	3.5	452
Herd Owner, Burton Hoyt, Otego.	Difference---	(2-6-2)	-2,607	+.3	-64
BELLE BOY NETHERLAND BLANCHE 778021 *(Feb. 1947)----------	21 daughters-	39	10,277	3.5	356
Born, 8-28-38; proved, 5-19-48;----; Wis.	18 daughters-	34	10,300	3.5	359
Sire, 613227; dam, 1227322.	18 dams------	64	10,578	3.4	356
Used in Land O'Lakes A. B. A., Minn.	Difference---	(10-13-12)	-278	+.1	+3
BIGELOW FARM SIR BAKER REBA 792085----------	10 daughters-	18	8,769	3.7	327
Born, 9-1-39; proved, 5-21-48;----; Vt.	6 daughters--	9	9,301	3.7	347
Sire, 744507; dam, 1866724.	6 dams-------	13	7,714	4.0	305
Herd Owner, James F. Curtis & Clarence Braley, East Randolph.	Difference---	(4-1-3)	+1,587	-.3	+42
BLUEBIRD BELMONT KORNDYKE 855914----------	6 daughters--	8	13,261	3.4	454
Born, 11-27-41; proved, 5-28-48;----; Wis.	5 daughters--	6	12,868	3.4	442
Sire, 790614; dam, 2008931.	5 dams-------	7	11,496	3.2	364
Herd Owner, Alvin Koilman, Oakfield.	Difference---	(4-4-5)	+1,372	+.2	+78
BLYTHEFIELD MOOIE TRIUNE 714974----------	14 daughters-	21	11,874	3.5	415
Born, 5-26-35; proved, 5-19-48; alive; Mich.	5 daughters--	5	11,118	3.7	414
Sire, 579343; dam, 1308200.	5 dams-------	12	11,188	3.5	396
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(2-3-2)	-70	+.2	+18
BONNIEREST ARTIS LAD PEAT 796889----------	11 daughters-	14	11,920	3.2	383
Born, 10-28-39; proved, 5-28-48;----; N. Y.	7 daughters--	9	11,161	3.2	362
Sire, 730717; dam, 1653652.	7 dams-------	13	13,296	3.5	460
Herd Owner, Horace Reynolds, King Ferry.	Difference---	(2-3-1)	-2,135	-.3	-98
BRIGHTON LAKE SIR RODMER YVETTE 794805----------	8 daughters--	8	10,372	4.0	412
Born, 2-7-39; proved, 5-25-48; alive; N. J.	6 daughters--	6	10,323	3.9	404
Sire, 732185; dam, 1705331.	6 dams-------	8	11,246	3.8	432
Herd Owner, G. S. Katzenstein, Andover.	Difference---	(2-4-4)	-923	+.1	-28
BROADRUN GERBEN KORNDYKE 718630----------	30 daughters-	82	10,273	3.6	369
Born, 3-3-35; proved, 5-14-48; dead; Va.	26 daughters-	70	10,113	3.6	366
Sire, 671562; dam, 980204.	26 dams------	117	10,100	3.6	366
Herd Owner, Sterling Farm, Sterling.	Difference---	(10-16-11)	+13	.0	0
CARNATION IMPERIAL NATSEY 828806----------	5 daughters--	5	9,932	3.8	374
Born, 7-16-41; proved, 5-28-48;----; N. Y.	5 dams-------	5	10,997	3.7	405
Sire, 698462; dam, 1863019.	Difference---	(2-4-2)	-1,065	+.1	-31
Herd Owner, Irving Mosher & Sons, Stanfordville.					
CAROLEA MAJOR OSBORNDALE SEGIS 771541----------	7 daughters--	7	10,407	3.5	369
Born, 10-3-38; proved, 5-24-48;----; N. Y.	5 daughters--	5	10,588	3.5	374
Sire, 712486; dam, 1876260.	5 dams-------	13	10,452	3.8	397
Herd Owner, Smith B. Wilcox & Sons, Fulton.	Difference---	(2-2-2)	+136	-.3	-23
CASCADER SNOW PABST DE KOL 812984----------	9 daughters--	9	9,425	3.3	307
Born, 10-18-40; proved, 5-28-48;----; Wis.	6 daughters--	6	9,004	3.2	292
Sire, 673465; dam, 1582303.	6 dams-------	16	10,980	3.3	362
Herd Owner, A. H. Dornbrook, Green Lake.	Difference---	(2-2-1)	-1,976	-.1	-70
CENTRAL JAN ORMSBY RODERICK 760199----------	7 daughters--	10	13,278	3.3	445
Born, 11-8-37; proved, 5-14-48; dead; Ariz.	6 daughters--	9	14,010	3.4	473
Sire, 681722; dam, 1662880.	6 dams-------	24	10,904	3.2	350
Herd Owner, U. S. Indian School, Phoenix.	Difference---	(5-5-5)	+3,106	+.2	+123
CHIEF PIEBE PRIDE GERBECOLAN 826710 *(Feb. 1948)----------	33 daughters-	35	11,598	3.6	417
Born, 1-26-41; proved, 5-17-48; alive; N. Y.	30 daughters-	32	11,608	3.6	415
Sire, 444088; dam, 1493661.	30 dams------	94	11,761	3.5	417
Used in New York Co-op. A. B. A., Inc.	Difference---	(11-20-15)	-153	+.1	-2
CHIEF PIEBE PRIDE GERBEN COL WAYNE 713429----------	28 daughters-	33	8,484	3.2	274
Born, 12-28-34; proved, 5-13-48; dead; Pa.	17 daughters-	19	8,749	3.3	286
Sire, 444088; dam, 1424531.	17 dams------	54	10,268	3.3	339
Used in New York Co-op. A. B. A., Inc., N. Y.	Difference---	(5-11-5)	-1,519	.0	-53

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CLARIDGE STAR LAD COMMANDER 815468----------	9 daughters--	10	12,035	3.8	462
Born, 9-5-40; proved, 5-25-48;----; N. Y.	8 daughters--	9	11,932	3.8	457
Sire, 753870; dam, 1622946.	8 dams-------	26	13,539	3.7	496
Herd Owner, Cortez J. Pells, Hillsdale.	Difference---	(3-6-3)	-1,607	+.1	-39
COLONY NETHERLAND PERFECTION 30TH 832250----------	9 daughters--	9	10,662	3.4	360
Born, 4-14-41; proved, 5-18-48;----; Wis.	6 daughters--	6	11,375	3.4	392
Sire, 90161 CHB; dam, 319477 CHB.	6 dams-------	14	11,157	3.6	406
Used in Dane Co-op. A. B. A.	Difference---	(3-1-2)	+218	-.2	-14
COLONY ORMSBY SIR ROMEO 781424----------	13 daughters-	16	12,578	3.5	440
Born, 1-15-39; proved, 5-18-48;----; Wis.	6 daughters--	9	12,229	3.5	431
Sire, 495741; dam, 223313 CHB.	6 dams-------	24	11,934	3.7	436
Used in Dane Co-op. A. B. A.	Difference---	(3-3-3)	+295	-.2	-5
CRESTLYN BESSIE ORMSBY CLASSIC 845795----------	15 daughters-	20	10,514	3.3	351
Born, 9-6-41; proved, 5-25-48;----; Mich.	10 daughters-	14	11,000	3.4	370
Sire, 760242; dam, 1871903.	10 dams------	10	9,099	3.4	306
Herd Owner, Miller's Dairy Farms, Eaton Rapids.	Difference---	(7-7-8)	+1,901	.0	+64
DEAN MARATHON 766721----------	13 daughters-	25	10,577	3.6	377
Born, 10-15-38; proved, 5-14-48; dead; Md.	5 daughters--	9	11,015	3.6	399
Sire, 733404; dam, 1682555.	5 dams-------	6	13,562	3.8	509
Herd Owner, Cecil K. Holter, Jefferson.	Difference---	(1-1-1)	-2,547	-.2	-110
DISTINCTION COLONY SIR LADY 777728----------	10 daughters-	10	11,727	3.7	429
Born, 3-6-39; proved, 5-18-48;----; Wis.	8 daughters--	8	12,009	3.6	435
Sire, 733213; dam, 1813208.	8 dams-------	16	10,719	3.7	399
Used in Badger Co-op. A. B. A.	Difference---	(5-4-6)	+1,290	-.1	+36
DUKE OF RIVERVIEW 850479----------	17 daughters-	24	10,393	3.3	341
Born, 1-16-42; proved, 5-25-48;----; Minn.	13 daughters-	17	10,795	3.3	353
Sire, 809337; dam, 2001434.	13 dams------	19	10,561	3.2	343
Herd Owner, Merton Houg, Glenville.	Difference---	(3-8-7)	+234	+.1	+10
DUNLOGGIN FON ROMEO 839569----------	6 daughters--	7	11,972	3.4	411
Born, 12-26-41; proved, 5-7-48; alive; Md.	5 daughters--	6	12,004	3.4	407
Sire, 751640; dam, 1897970.	5 dams-------	12	11,722	3.5	413
Herd Owner, Frank E. Hull, Westminster.	Difference---	(3-1-2)	+282	-.1	-6
DUNLOGGIN MASTER TIDY 782754----------	8 daughters--	9	12,972	3.3	423
Born, 8-8-39; proved, 5-21-48;----; Ill.	6 daughters--	7	13,386	3.3	444
Sire, 667915; dam, 1204769.	6 dams-------	18	12,859	3.4	439
Herd Owner, Raretime Farm, Kankakee.	Difference---	(3-4-4)	+527	-.1	+5
DUNLOGGIN PROGRESSOR 769437 *10----------	33 daughters-	74	13,397	3.6	477
Born, 1-17-39; proved, 5-6-48; dead; Md.	29 daughters-	66	13,445	3.5	476
Sire, 738112; dam, 1661825.	29 dams------	99	11,670	3.5	404
Herd Owner, Ira D. Ifert, Middletown.	Difference---	(26-21-24)	+1,775	.0	+72
EAST BROOK ORMSBY CHIEF 826489----------	7 daughters--	13	13,736	3.6	496
Born, 10-19-40; proved, 5-10-48;----; Pa.	7 dams-------	21	11,664	3.8	444
Sire, 783335; dam, 1942149.	Difference---	(5-1-5)	+2,072	-.2	+52
Herd Owner, Ralph Sampson, Crooked Creek.					
EBENEZER PIPER COLANTHA 797340----------	23 daughters-	42	11,113	3.5	384
Born, 10-10-39; proved, 5-28-48;----; Minn.	21 daughters-	38	11,326	3.4	390
Sire, 697680; dam, 1842637.	21 dams------	63	12,228	3.4	420
Herd Owner, Schwager Brothers, Altura.	Difference---	(5-13-7)	-902	.0	-30
ELLBANK SIR ORMSBY MERCEDES FOBES 715218----------	7 daughters--	11	11,587	3.6	416
Born, 12-1-34; proved, 5-6-48;----; N. Y.	5 daughters--	8	11,730	3.6	426
Sire, 674796; dam, 1655529.	5 dams-------	16	11,310	3.8	432
Herd Owner, Grant D. Langdon, Copake.	Difference---	(2-2-3)	+420	-.2	-6
ELLINGDALE TIDY LYONS PRIDE 779567----------	13 daughters-	14	12,703	3.6	461
Born, 11-21-38; proved, 5-18-48;----; Wis.	8 daughters--	8	12,235	3.7	450
Sire, 714019; dam, 1257106.	8 dams-------	17	12,136	3.5	431
Used in Wis. Scientific Breeding Institute (A. B. A.).	Difference---	(3-7-4)	+99	+.2	+19
ELMBROOK KING HOMESTEAD 814300----------	5 daughters--	11	12,259	3.4	414
Born, 6-29-40; proved, 5-28-48;----; Pa.	5 dams-------	26	11,914	3.2	384
Sire, 698278; dam, 2100794.	Difference---	(3-5-4)	+345	+.2	+30
Herd Owner, Elwood Keefer, Lewisburg.					
ELMWOOD ADMIRAL FOBES DUKE 794736----------	14 daughters-	17	10,276	3.6	369
Born, 9-23-39; proved, 5-28-48;----; Wis.	14 dams------	51	10,738	3.6	383
Sire, 731747; dam, 1288457.	Difference---	(4-8-6)	-462	.0	-14
Herd Owner, Duart Farm, Elkhorn.					
FALFADALE FOBES PEERLESS 813649----------	5 daughters--	7	12,447	3.5	438
Born, 7-13-4[illegible], proved, 5-10-48;----; Mich.	5 dams-----	8	12,708	3.2	409
Sire, 749593; dam, 1359564.	Difference---	(2-5-2)	-261	+.3	+29
Herd Owner, Joe Bills, Mio.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FEMCO ELGIN ORMSBY ROYAL 798871	12 daughters-	12	12,444	3.4	418
Born, 1-24-40; proved, 5-25-48;----; Kans.	10 daughters-	10	12,721	.4	482
Sire, 697000; dam, 1904919.	10 dams------	32	10,706	3.4	366
Herd Owner, Osawatomie State Hospital, Osawatomie.	Difference---	(6-5-6)	+2,015	.0	+66
FRISBIELAND ECHO CASCADER 853012	7 daughters--	7	13,161	3.3	429
Born, 1-9-42; proved, 5-28-48;----; Wis.	7 dams-------	28	11,784	3.5	409
Sire, 684341; dam, 1837027.	Difference---	(5-2-4)	+1,377	-.2	+20
Herd Owner, Bruce Frisbie, Juneau.					
FURMANSTEAD ALCARTRA WARRIOR 881918	6 daughters--	10	10,766	3.6	386
Born, 10-6-41; proved, 5-26-48;----; Pa.	6 dams-------	25	13,179	3.4	453
Sire, 679126; dam, 1934724.	Difference---	(1-5-1)	-2,413	+.2	-67
Herd Owner, Furman Brothers, Mehoopany.					
GILKEY FARMS CRITERION STANDARD 815174	9 daughters--	14	8,522	3.6	307
Born, 2-27-40; proved, 5-25-48;----; Minn.	7 daughters--	10	8,019	3.7	293
Sire, 770892; dam, 1683508.	7 dams-------	23	11,176	3.4	383
Herd Owner. Porter Parker, Dexter.	Difference---	(0-7-0)	-3,157	+.3	-90
GOODRIGHT ORMSBY FOBES 813857	10 daughters-	17	8,334	3.6	296
Born, 5-5-40; proved, 5-21-48;----; Wis.	8 daughters--	13	8,110	3.6	292
Sire, 748994; dam, 1659945.	8 dams-------	15	10,224	3.4	353
Herd Owner, Vincent Sieker, Manitowoc.	Difference---	(1-5-2)	-2,114	+.2	-61
GOVERNOR GYPSIE FOBES 852929	8 daughters--	8	16,278	3.5	572
Born, 12-4-41; proved, 5-10-48;----; Minn.	7 daughters--	7	15,841	3.6	567
Sire, 742590; dam, 1874805.	7 dams-------	12	13,932	3.4	478
Used in Minnesota Valley A. B. A.	Difference---	(5-5-6)	+1,909	+.2	+89
GRAND DUKE BESSIE DICTATOR 803537	10 daughters-	10	10,739	3.5	374
Born, 10-7-39; proved, 5-14-48;----; Iowa.	5 daughters--	5	10,579	3.4	356
Sire, 752137; dam, 1978753.	5 dams-------	7	11,342	3.3	378
Herd Owner, G. J. Von Glan, Breda.	Difference---	(0-2-2)	-763	+.1	-22
GREAT ORMSBY EONA SUPERIOR 795201	6 daughters--	9	11,274	3.5	394
Born, 12-1-39; proved, 5-28-48;----; Del.	6 dams-------	23	12,241	3.2	397
Sire, 718659; dam, 1928556.	Difference---	(1-6-1)	-967	+.3	-3
Herd Owner, St. Joseph's Industrial School, Clayton.					
GREENAWAY KING SEGIS POSCH MODEST 796214	13 daughters-	23	12,435	3.6	442
Born, 1-28-39; proved, 5-28-48;----; N. Y.	7 daughters--	10	11,955	3.6	433
Sire, 727330; dam, 1602441.	7 dams-------	25	12,319	3.5	427
Herd Owner, Harold E. Thomas, New Hartford.	Difference---	(3-5-3)	-364	+.1	+6
GREEN VALE SUPREME KING 843484	8 daughters--	11	11,246	3.7	411
Born, 3-6-41; proved, 5-10-48;----; Mich.	5 daughters--	6	10,958	3.7	407
Sire, 741567; dam, 2036184.	5 dams-------	7	12,169	3.6	440
Herd Owner, Eldridge Brothers, Crystal.	Difference---	(2-4-2)	-1,211	+.1	-33
HARK HOMESTEAD BLANCHE OF V V 769578 *9	12 daughters-	19	11,387	3.5	398
Born, 5-23-37; proved, 5-18-48;----; Wis.	12 dams------	37	11,369	3.4	382
Sire, 570501; dam, 1747846.	Difference---	(6-11-8)	+18	+.1	+16
Used in Badger Co-op. A. B. A.					
HERO KING HENRY 815599	13 daughters-	19	11,395	3.4	389
Born, 4-29-40; proved, 5-28-48;----; N. Y.	10 daughters-	12	11,042	3.4	379
Sire, 565375; dam, 1860632.	10 dams------	27	10,034	3.6	358
Herd Owner, W. L. Ayres & Thruillard, Barton.	Difference---	(6-5-5)	+1,008	-.2	+21
HIGHLAND SIR HOMESTEAD ORMSBY 802871	15 daughters-	17	9,995	3.2	324
Born, 2-5-40; proved, 5-10-48;----; Wis.	8 daughters--	8	9,852	3.3	321
Sire, 774761; dam, 1986363.	8 dams-------	10	11,701	3.3	381
Herd Owner, Franklin J. Blank, West Bend.	Difference---	(2-2-2)	-1,849	.0	-60
HIGHPATH BRETON ORMSBY INKA 731048 *(Feb. 1947)	28 daughters-	36	12,234	3.4	422
Born, 7-30-36; proved, 5-19-48;----; Minn.	16 daughters-	22	12,590	3.5	434
Sire, 705140; dam, 1639622.	16 dams------	42	11,126	3.5	394
Used in Minnesota Valley A. B. A.	Difference---	(11-8-11)	+1,464	.0	+40
HIGHPATH HIRAM AD PRINCESS 852806	12 daughters-	14	11,482	3.7	429
Born, 3-17-42; proved, 5-28-48;----; Minn.	12 dams------	40	10,925	3.5	386
Sire, 743686; dam, 1524718.	Difference---	(7-11-8)	+557	+.2	+43
Herd Owner, Lakeshore Farm, Excelsior.					
H J C RAG APPLE ARTISAN 843869	7 daughters--	9	12,246	3.5	429
Born, 9-18-41; proved, 5-10-48;----; Mich.	6 daughters--	8	12,014	3.5	424
Sire, 775899; dam, 1850754.	6 dams-------	27	13,020	3.3	436
Herd Owner, Lloyd D. Miller & Sons, Howell.	Difference---	(1-5-3)	-1,006	+.2	-12
HOESLY CANARY CASCADE JOE 782352 *11	19 daughters-	36	13,011	3.7	481
Born, 10-5-38; proved, 5-18-48;----; Wis.	19 dams------	62	11,798	3.5	419
Sire, 723295; dam, 1783355.	Difference---	(13-16-15)	+1,213	+.2	+62
Used in Wis. Scientific Breeding Institute (A. B. A.).					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HOESLY SNOWBALL JOE 790977----------	6 daughters--	6	11,976	3.5	423
Born, 11-22-39; proved, 5-18-48;----; Wis.	5 daughters--	5	11,640	3.6	417
Sire, 723295; dam, 1941770.	5 dams-------	14	12,944	3.5	455
Used in Badger Co-op. A. B. A.	Difference---	(2-2-2)	-1,304	+.1	-38
HOLWIS GOVERNOR ORMSBY 783736----------	7 daughters--	11	12,480	3.5	443
Born, 2-19-39; proved, 5-25-48;----; Ill.	5 daughters--	8	13,013	3.5	458
Sire, 703874; dam, 1742754.	5 dams-------	9	11,920	3.7	443
Herd Owner, Clarence Meyer & Son, Peotone.	Difference---	(4-2-3)	+1,093	-.2	+15
HORSEPEN ORMSBY PRINCE PROSPECT 794369----------	9 daughters--	11	12,052	3.8	458
Born, 11-6-39; proved, 5-28-48;----; Va.	7 daughters--	9	12,386	3.7	462
Sire, 654784; dam, 1752709.	7 dams-------	22	12,571	3.5	445
Herd Owner, Middleton Brothers, Herndon.	Difference---	(3-6-3)	-185	+.2	+17
I B C BESS DEAN 797390----------	7 daughters--	10	12,598	3.8	475
Born, 5-9-40; proved, 5-28-48;----; Iowa.	7 dams-------	23	11,886	3.5	418
Sire, 761974; dam, 1238723.	Difference---	(3-6-5)	+712	+.3	+57
Herd Owner, State Hospital, Independence.					
INDIANA PIEBE WAYNE 841476 *(July 1947)----------	9 daughters--	14	13,096	3.7	490
Born, 9-9-41; proved, 5-19-48;----; Ind.	9 dams-------	41	13,384	3.8	504
Sire, 654504; dam, 1914467.	Difference---	(4-4-4)	-288	-.1	-14
Used in Indiana A. B. A.					
INKA MAY ORMSBY MOOIE PIEBE 826558----------	9 daughters--	11	12,201	3.5	430
Born, 5-27-41; proved, 5-14-48;----; Pa.	8 daughters--	10	12,422	3.5	439
Sire, 717291; dam, 1538962.	8 dams-------	37	10,888	3.6	391
Herd Owner, William L. Bradford & Sons, Lewistown.	Difference---	(6-3-7)	+1,534	-.1	+48
IONIA MARATHON MODEL AAGGIE 771668----------	11 daughters-	23	12,734	3.3	418
Born, 7-21-38; proved, 5-25-48;----; Mich.	10 daughters-	21	12,468	3.3	414
Sire, 504402; dam, 1388133.	10 dams------	33	13,452	3.3	447
Herd Owner, Mt. Pleasant State Home & Training School, Mt. Pleasant.	Difference---	(3-6-2)	-984	.0	-33
KING ABBEKERK KORNDYKE BURKE 783413----------	6 daughters--	7	11,275	3.3	367
Born, 9-15-38; proved, 5-25-48;----; Wis.	5 daughters--	6	11,789	3.3	388
Sire, 669877; dam, 1810121.	5 dams-------	11	9,730	3.2	310
Herd Owner, Bob Carr, Whitewater.	Difference---	(4-3-5)	+2,059	+.1	+78
KING BESSIE DOUBLE ORMSBY (TWIN) 723125----------	19 daughters-	25	10,521	3.3	348
Born, 6-27-35; proved, 5-6-48;----; N. Y.	6 daughters--	7	10,840	3.2	351
Sire, 690573; dam, 998431.	6 dams-------	6	12,811	3.2	407
Herd Owner, Lyndon Jones, Erieville.	Difference---	(2-5-2)	-1,971	.0	-56
KING ECHO DE KOL WALKER 802757----------	17 daughters-	27	10,468	3.7	386
Born, 3-4-40; proved, 5-25-48;----; Mich.	11 daughters-	15	10,645	3.7	393
Sire, 764468; dam, 1470848.	11 dams------	31	10,966	3.5	384
Herd Owner, George Pardonett, Corunna.	Difference---	(5-9-6)	-321	+.2	+9
KING OF MOONLIT DALE 787489 *(Aug. 1947)----------	19 daughters-	31	12,059	3.4	405
Born, 12-16-38; proved, 5-18-48;----; Ill.	16 daughters-	28	12,207	3.3	408
Sire, 710796; dam, 1684629.	16 dams------	49	11,397	3.4	391
Used in Tri-State Co-op. A. B. A., Wis.	Difference---	(10-7-8)	+810	-.1	+17
KING ORMSBY BUENJA PAPOOSE 755601----------	11 daughters-	11	12,867	3.7	479
Born, 10-24-37; proved, 5-20-48;----; Minn.	7 daughters--	7	12,716	3.8	478
Sire, 706343; dam, 1633659.	7 dams-------	10	8,876	3.3	292
Herd Owner, Ted Kuhlmann, Lester Prairie.	Difference---	(7-7-7)	+3,840	+.5	+186
KING ORMSBY HENGERVELD LYONS 843476----------	5 daughters--	7	13,192	3.5	465
Born, 2-26-40; proved, 5-10-48;----; N. Y.	5 dams-------	29	11,173	3.8	422
Sire, 812244; dam, 1595870.	Difference---	(4-1-4)	+2,019	-.3	+43
Herd Owner, Alfred Bedell & Son, Wallkill.					
KING ORMSBY PAPOOSE OF WAYZATA 792801----------	6 daughters--	8	11,398	3.3	379
Born, 5-12-39; proved, 5-25-48;----; Minn.	5 daughters--	6	11,397	3.3	374
Sire, 706349; dam, 1454952.	5 dams-------	9	11,128	3.4	383
Herd Owner, City of Minneapolis Dairy, Wayzata.	Difference---	(3-2-3)	+269	-.1	-9
KING PRILLY VALDESSA SPINKER 823103----------	9 daughters--	9	9,544	3.5	338
Born, 3-18-41; proved, 5-10-48;----; Pa.	7 daughters--	7	9,902	3.5	349
Sire, 718724; dam, 2079650.	7 dams-------	40	11,804	3.4	396
Herd Owner, Coccodrilli Brothers, Lake Ariel.	Difference---	(2-5-3)	-1,902	+.1	-47
LAUXMONT O IMPROVER 822476----------	9 daughters--	9	11,080	3.8	421
Born, 4-18-41; proved, 5-28-48;----; Pa.	9 dams-------	47	11,477	3.4	391
Sire, 787409; dam, 1948491.	Difference---	(4-8-6)	-397	+.4	+30
Herd Owner, Henry D. Allebach, Collegeville.					
LEVEL ACRES ORMSBY KING 814080----------	9 daughters--	12	12,469	3.3	406
Born, 1-7-40; proved, 5-21-48;----; Wis.	7 daughters--	8	12,526	3.3	409
Sire, 752084; dam, 1998746.	7 dams-------	15	11,972	3.2	383
Herd Owner, Kreuziger Brothers, Roberts.	Difference---	(4-5-4)	+554	+.1	+26

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
LILITH KING BESSIE HOMESTEAD 840532----------	9 daughters--	12	11,290	3.8	429
Born, 11-21-41; proved, 5-26-48;----; Wis.	5 daughters--	7	10,490	4.0	423
Sire, 734577; dam, 1522930.	5 dams-------	6	11,044	3.9	427
Herd Owner, Rollin Hembrook, Chetek.	Difference---	(1-3-1)	-554	+.1	-4
LOC-PINE HARTOG ORMSBY NIG 794505----------	9 daughters--	18	8,579	3.7	316
Born, 7-30-39; proved, 5-28-48;----; Pa.	6 daughters--	12	8,463	3.7	313
Sire, 754245; dam, 1955165.	6 dams-------	22	11,142	3.5	386
Herd Owner, G. Harold Moody, Canton.	Difference---	(1-4-2)	-2,679	+.2	-73
MAHEDO TWEEDE STARTER 783912----------	6 daughters--	6	9,383	3.5	330
Born, 10-6-39; proved, 5-28-48;----; N. Y.	5 daughters--	5	9,692	3.5	337
Sire, 746309; dam, 1906407.	5 dams-------	15	10,039	3.5	351
Herd Owner, Donald Branagan, Lebanon.	Difference---	(2-3-3)	-347	.0	-14
MALLARY FARM PAUL ABBEKERK PONTIAC 762977----------	9 daughters--	13	8,880	3.3	296
Born, 11-24-37; proved, 5-20-48;----; N. H.	8 daughters--	11	8,856	3.4	297
Sire, 109063 CHB; dam, 1946091.	8 dams-------	12	11,157	3.4	378
Herd Owner, Hubert Merrill, Littleton.	Difference---	(1-5-1)	-2,301	.0	-81
MAN-O-WAR AMERICAN BOY 739097 *(Feb. 1947)----------	26 daughters-	37	11,697	3.7	431
Born, 12-27-36; proved, 5-21-48;----; Minn.	21 daughters-	31	11,724	3.7	432
Sire, 550894; dam, 1504107.	21 dams------	49	11,681	3.5	406
Used in Minnesota Valley A. B. A.	Difference---	(11-17-12)	+43	+.2	+26
MAN-O-WAR ORMSBY POSCH 30TH 782691----------	7 daughters--	7	12,835	3.6	459
Born, 1-6-39; proved, 5-20-48;----; Ohio.	7 dams-------	27	11,872	3.3	397
Sire, 691354; dam, 1705419.	Difference---	(4-6-4)	+963	+.3	+62
Used in Central Ohio Co-op. A. B. A.					
MAPLEHURST MATADOR ORMSBY ONA 782361----------	5 daughters--	6	12,214	3.7	449
Born, 8-14-38; proved, 5-25-48;----; Pa.	5 dams-------	9	10,437	3.8	394
Sire, 695235; dam, 1629453.	Difference---	(4-1-4)	+1,777	-.1	+55
Herd Owner, H. H. Marsh & Son, Waterford.					
MONTVIC MODEL BARON 749572 *11----------	25 daughters-	43	12,008	3.8	460
Born, 3-1-37; proved, 5-20-48;----; Wis.	23 daughters-	41	11,965	3.9	462
Sire, 105049 CHB; dam, 203856 CHB	23 dams------	100	10,803	3.8	405
Used in Tri-State Co-op. A. B. A.	Difference---	(18-17-18)	+1,162	+.1	+57
NESHONOC SIR FOBES 725440 *7----------	30 daughters-	41	9,392	3.4	315
Born, 9-19-35; proved, 5-19-48;----; Wis.	28 daughters-	39	9,555	3.4	321
Sire, 646022; dam, 1559099.	28 dams------	79	11,951	3.5	412
Used in Land O'Lakes A. B. A., Minn.	Difference---	(9-9-8)	-2,396	-.1	-91
NORTH STAR COMMANDER 796120----------	11 daughters-	14	11,741	3.5	406
Born, 3-16-40; proved, 5-28-48;----; Wis.	10 daughters-	13	11,543	3.5	404
Sire, 742938; dam, 1807553.	10 dams------	45	10,641	3.4	366
Herd Owner, Carl J. Nelson, Barron.	Difference---	(7-6-4)	+902	+.1	+38
NORTH STAR TIDY BOY 783828----------	9 daughters--	9	10,861	3.7	397
Born, 10-11-39; proved, 5-25-48;----; Minn.	9 dams-------	30	11,078	3.5	392
Sire, 742938; dam, 1586105.	Difference---	(3-6-4)	-217	+.2	+5
Herd Owner, Minnesota State Reformatory, St. Cloud.					
OLLIE HARVDALE CREATOR 771025----------	14 daughters-	15	10,700	3.4	361
Born, 9-25-38; proved, 5-14-48;----; Wis.	9 daughters--	9	11,333	3.4	383
Sire, 701961; dam, 1615022.	9 dams-------	18	11,118	3.4	376
Herd Owner, Bruce Williams, Randolph.	Difference---	(6-6-6)	+215	.0	+7
OOSTIE KING 811875 *11----------	15 daughters-	23	16,085	3.1	503
Born, 6-24-40; proved, 5-18-48;----; Wis.	15 dams------	47	12,271	3.3	400
Sire, 727000; dam, 1968267.	Difference---	(15-4-14)	+3,814	-.2	+103
Used in Badger Co-op. A. B. A.					
OOSTIE PAYMASTER TIMELY 796781----------	6 daughters--	6	10,651	3.6	381
Born, 5-16-40; proved, 5-25-48;----; Wis.	6 dams-------	25	11,410	4.3	486
Sire, 685009; dam, 1996876.	Difference---	(3-1-0)	-759	-.7	-105
Herd Owner, George J. Hegy, Hartford.					
ORMSBY ADMIRAL KING 827111----------	6 daughters--	7	10,936	3.9	424
Born, 1-18-40; proved, 5-10-48;----, Wis.	6 dams-------	18	11,131	3.7	413
Sire, 781629; dam, 1779408.	Difference---	(4-5-3)	-195	+.2	+11
Herd Owner, C. J. Rieck, Elkhorn.					
ORMSBY FOBES CANARY TIDY 852175----------	6 daughters--	7	12,897	3.6	461
Born, 11-13-41; proved, 5-28-48;----; Iowa.	6 dams-------	23	11,171	3.5	388
Sire, 731137; dam, 1916027.	Difference---	(4-6-5)	+1,726	+.1	+73
Herd Owner, John S. Kemp, Alden.					
ORMSBY KORNDYKE COLANTHUS 821146----------	10 daughters-	10	12,590	3.4	427
Born, 2-28-41; proved, 5-10-48;----; Pa.	9 daughters--	9	12,385	3.4	419
Sire, 733976; dam, 2038113.	9 dams-------	33	13,522	3.2	433
Herd Owner, D. W. Alsdorf & Son, Spartansburg.	Difference---	(2-8-5)	-1,137	+.2	-14

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OSBORNDALE KING ARTHUR ORMSBY INKA 770235----------	9 daughters--	13	9,611	3.4	325
Born, 10-27-37; proved, 5-27-48;----; N. Y.	9 dams-------	25	10,423	3.3	339
Sire, 676023; dam, 1532271.	Difference---	(3-6-3)	-812	+.1	-14
Herd Owner, L. J. Arnold, Cropseyville.					
PABST ADMIRAL MODEST 839307----------	7 daughters--	7	9,498	4.2	398
Born, 10-29-41; proved, 5-18-48;----; Wis.	7 dams-------	27	11,809	3.3	385
Sire, 786035; dam, 2051361.	Difference---	(1-7-4)	-2,311	+.9	+13
Used in Dane-Iowa Co-op. A. B. A.					
PABST BARCADER BELMONT 839304----------	15 daughters-	16	12,182	3.5	423
Born, 10-11-41; proved, 5-19-48;----; Wis.	13 daughters-	14	11,899	3.5	420
Sire, 761980; dam, 1625187.	13 dams------	40	12,439	3.5	438
Used in Dane-Iowa Co-op. A. B. A.	Difference---	(7-8-7)	-540	.0	-18
PABST BARTA GOLD 845341----------	14 daughters-	14	11,449	3.6	414
Born, 2-26-42; proved, 5-25-48;----; N. Y.	14 dams------	49	10,807	3.6	385
Sire, 761980; dam, 1802820.	Difference---	(8-9-9)	+642	.0	+29
Herd Owner, James Magee, Millerton.					
PABST CASCADER PRIDE 2D (TWIN) 786028 *(Apr. 1947)---------	25 daughters-	44	12,860	3.5	450
Born, 11-14-39; proved, 5-21-48; alive; Wis.	24 daughters-	42	12,862	3.5	451
Sire, 730072; dam, 1553588.	24 dams------	94	12,012	3.4	414
Used in Michigan Co-op. A. B. A., Inc., Mich.	Difference---	(17-18-18)	+850	+.1	+37
PABST DIRECT 813654 *(Aug. 1947)----------	17 daughters-	24	13,807	3.6	495
Born, 12-4-40; proved, 5-18-48;----; Wis.	15 daughters-	21	14,026	3.6	506
Sire, 720120; dam, 1781736.	15 dams------	64	12,809	3.6	465
Used in Land O'Lakes A. B. A., Minn.	Difference---	(11-8-9)	+1,217	.0	+41
PANSY INKA ORMSBY OF IRVING FARM 763006----------	6 daughters--	8	9,941	3.6	356
Born, 11-15-37; proved, 5-20-48;----; Wis.	6 dams-------	30	9,938	3.6	358
Sire, 682048; dam, 1575639.	Difference---	(3-4-3)	+3	.0	-2
Herd Owner, Burnell Edge, Platteville.					
PARTHENEA COLANTHA PAUL 818727----------	7 daughters--	8	9,356	4.1	380
Born, 9-17-40; proved, 5-10-48;----; Kans.	6 daughters--	7	9,500	4.0	381
Sire, 705666; dam, 2057496.	6 dams-------	13	10,127	3.7	379
Herd Owner, W. F. Fairchild, Jr., Larned.	Difference---	(1-5-3)	-627	+.3	+2
PEERLESS ORMSBY MAY 792728----------	11 daughters-	16	10,960	3.5	383
Born, 10-11-39; proved, 5-25-48;----; Minn.	9 daughters--	13	10,975	3.5	385
Sire, 705151; dam, 1518410.	9 dams-------	23	10,654	3.4	365
Herd Owner, Marlowe Oredson, St. James.	Difference---	(3-7-5)	+321	+.1	+20
PENSTATE SALLY INKA (TWIN) 743346----------	17 daughters-	53	9,578	3.4	325
Born, 1-19-37; proved, 5-6-48;----; Pa.	13 daughters-	41	9,642	3.4	327
Sire, 706753; dam, 1489651.	13 dams------	46	9,491	3.2	307
Herd Owner, James K. Wolff, New Alexandria.	Difference---	(7-12-6)	+151	+.2	+20
PONTIAC POSCH TRAVERSE 822693----------	16 daughters-	21	13,363	3.3	445
Born, 6-29-40; proved, 5-21-48;----; Mich.	11 daughters-	16	13,258	3.3	443
Sire, 651543; dam, 1630666.	11 dams------	19	12,455	3.1	389
Herd Owner, Caro State Hospital, Caro.	Difference---	(6-9-8)	+803	+.2	+54
PRAIRIE GROVE JACK PLUS 793979----------	14 daughters-	19	12,051	3.5	422
Born, 2-9-39; proved, 5-28-48;----; Wis.	14 dams------	18	11,490	3.3	382
Sire, 727723; dam, 1822566.	Difference---	(9-10-9)	+561	+.2	+40
Herd Owner, Burt McKenzie, Hollandale.					
PRILLY SENSATION PRIDE 852063----------	6 daughters--	7	14,995	3.7	559
Born, 3-18-41; proved, 5-28-48;----; Ill.	5 daughters--	5	15,371	3.7	569
Sire, 666430; dam, 1346021.	5 dams-------	21	13,181	3.6	475
Herd Owner, Buford Farms, Stockton.	Difference---	(4-4-4)	+2,190	+.1	-94
PRINCE DAVIS FAYNE DE KOL 827406----------	11 daughters-	11	10,761	4.0	432
Born, 11-18-40; proved, 5-10-48;----; Ill.	7 daughters--	7	11,202	4.0	445
Sire, 724681; dam, 1966974.	7 dams-------	9	10,551	3.7	389
Herd Owner, B. J. Benson, Morris.	Difference---	(4-5-5)	+651	+.3	+56
PRINCE WAYNE HOUWTJE 782378----------	7 daughters--	11	13,690	3.4	471
Born, 10-22-38; proved, 5-25-48; Ind.	5 daughters--	9	13,183	3.5	462
Sire, 746186; dam, 1641149.	5 dams-------	18	13,907	3.3	460
Herd Owner, Otto Ewel & Son, Decatur.	Difference---	(2-5-3)	-724	+.2	+2
RACINE HOMESTEAD INKA 816588----------	6 daughters--	7	12,834	3.7	479
Born, 4-2-40; proved, 5-28-48;----; Wis.	6 dams-------	15	11,647	3.4	400
Sire, 748812; dam, 1739666.	Difference---	(4-6-5)	+1,187	+.3	+79
Herd Owner, Edward J. Makovsky, Racine.					
RARETIME INKA RUE 832312----------	6 daughters--	10	11,545	4.0	457
Born, 10-6-41; proved, 5-28-48;----; Ill.	5 daughters--	8	10,829	4.0	437
Sire, 792880; dam, 1982724.	5 dams-------	14	13,456	3.8	507
Herd Owner, Herbert Kohl, Matteson.	Difference---	(1-4-2)	-2,627	+.2	-70

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RECOVERY 718344 *(July 1947)----------	30 daughters-	59	12,344	3.3	407
Born, 5-6-35; proved, 5-19-48;----; Wis.	14 daughters-	23	12,471	3.3	416
Sire, 588508; dam, 847846.	14 dams------	36	11,169	3.4	382
Used in Badger Co-op. A. B. A.	Difference---	(10-7-10)	+1,302	-.1	+34
RIVER FALLS TRIUNE MAIDER (TWIN) 796079----------	10 daughters-	14	14,308	3.4	481
Born, 10-21-39; proved, 5-28-48;----; Wis.	7 daughters--	9	13,906	3.4	475
Sire, 717634; dam, 1652120.	7 dams-------	13	10,657	3.7	389
Herd Owner, Otto Kreuziger, Sr. & Son, Roberts.	Difference---	(7-3-6)	+3,249	-.3	+86
ROSNI EDMONIA BESS BURKE VEEMAN 770440----------	22 daughters-	22	9,851	3.5	349
Born, 11-6-38; proved, 5-10-48;----; Va.	19 daughters-	19	9,692	3.5	344
Sire, 654536; dam, 1582233.	19 dams------	53	9,782	3.6	349
Herd Owner, Mrs. G. E. Fisher & Sons, Gordonsville.	Difference---	(9-10-11)	-90	-.1	-5
ROSNI HALE DIONE BESS BURKE 813748----------	13 daughters-	18	13,826	3.5	479
Born, 8-28-40; proved, 5-28-48;----; Va.	9 daughters--	12	14,046	3.4	485
Sire, 654536; dam, 1844098.	9 dams-------	14	13,979	3.5	490
Herd Owner, E. T. Willis, Culpeper.	Difference---	(6-4-5)	+67	-.1	-5
ROYAL STAR HOMESTEAD 777657----------	15 daughters-	19	9,892	3.7	370
Born, 1-22-39; proved, 5-21-48;----; Maine.	11 daughters-	15	10,908	3.7	409
Sire, 598396; dam, 1867223.	11 dams------	32	12,079	3.4	413
Used in Central Maine A. B. A.	Difference---	(4-10-5)	-1,171	+.3	-4
RUSTIC SIR RAINBOW ORMSBY 820653 *(June 1947)----------	10 daughters-	12	16,408	3.5	574
Born, 1-9-41; proved, 5-18-48; alive; Mich.	10 dams------	23	13,090	3.4	450
Sire, 780119; dam, 1985585.	Difference---	(9-5-9)	+3,318	+.1	+124
Used in Michigan Co-op. A. B. A., Inc.					
SCHMIDT JOHANNA COLANTHA 733862 *6----------	26 daughters-	36	12,583	3.6	452
Born, 1-27-36; proved, 5-21-48;----; Mich.	21 daughters-	28	12,612	3.6	457
Sire, 661895; dam, 1598492.	21 dams------	50	11,755	3.5	413
Used in Indiana A. B. A., Ind.	Difference---	(14-14-16)	+857	+.1	+44
SEGIS ORMSBY HERO 792924----------	10 daughters-	13	10,407	3.5	360
Born, 11-4-39; proved, 5-25-48;----; N. Y.	9 daughters--	11	10,246	3.5	356
Sire, 565375; dam, 1590798.	9 dams-------	32	10,848	3.4	374
Herd Owner, Morton & Howe, Almond.	Difference---	(3-6-4)	-602	+.1	-18
SEVEN X TRIPLE KLAVER PRIDE 777842 *11----------	23 daughters-	41	14,330	3.3	474
Born, 9-22-38; proved, 5-19-48; alive; Iowa.	22 daughters-	40	14,332	3.3	474
Sire, 669253; dam, 1828587.	22 dams------	111	13,148	3.4	445
Used in South Dakota Co-op. A. B. A., S. Dak.	Difference---	(16-11-16)	+1,184	-.1	+29
SILVERLEA CROWN SIR ORMSBY POSCH 820769 *(Feb. 1947)-------	16 daughters-	25	13,351	4.1	541
Born, 10-24-40; proved, 5-18-48; alive; Mich.	16 dams------	81	12,130	3.9	475
Sire, 704308; dam, 1858707.	Difference---	(11-11-14)	+1,221	+.2	+66
Used in Michigan Co-op. A. B. A., Inc.					
SIR BESS SKYLARK BURKE 814179----------	9 daughters--	12	11,332	3.3	373
Born, 9-15-40; proved, 5-21-48;----; Iowa.	7 daughters--	9	11,565	3.3	383
Sire, 710796; dam, 1528183.	7 dams-------	18	9,284	3.6	332
Herd Owner, Hilmer Hotvedt, Decorah.	Difference---	(6-1-4)	+2,281	-.3	+51
SIR BOSS 18TH 717891----------	13 daughters-	27	8,969	3.5	311
Born, 11-3-35; proved, 5-6-48; dead; N. Y.	12 daughters-	26	9,031	3.5	313
Sire, 643930; dam, 1498422.	12 dams------	47	8,579	3.5	297
Herd Owner, Will J. & Philip Pike, North Norwich.	Difference---	(9-7-6)	+452	.0	+16
SIR DE KOL SPOFFORD INKA 770935----------	14 daughters-	29	11,353	3.5	398
Born, 11-28-38; proved, 5-25-48;----; Pa.	7 daughters--	10	11,590	3.6	413
Sire, 671582; dam, 1777237.	7 dams-------	25	12,294	3.6	445
Herd Owner, E. P. Gifford, Evans City.	Difference---	(1-4-2)	-704	.0	-32
SIR MERCER TRIUNE DE KOL 802667----------	5 daughters--	6	12,751	3.6	456
Born, 8-30-39; proved, 5-10-48;----; Wis.	5 dams-------	25	11,577	3.6	417
Sire, 592931; dam, 1802075.	Difference---	(2-3-3)	+1,174	.0	+39
Herd Owner, Earl S. Goff, Bruce.					
SIR MIRANDA CASCADE HOMESTEAD 852970----------	6 daughters--	6	10,728	3.5	381
Born, 5-7-42; proved, 5-26-48;----; Wis.	6 dams-------	29	9,778	3.5	344
Sire, 778235; dam, 2037426.	Difference---	(5-3-4)	+950	.0	+37
Herd Owner, Mrs. Abbie E. & Robert F. Newman, Juda.					
SIR OLIVER POSCH ORMSBY 816827----------	6 daughters--	6	9,220	3.7	339
Born, 2-23-40; proved, 5-26-48;----; N. Y.	6 dams-------	27	10,055	3.5	356
Sire, 760725; dam, 1931774.	Difference---	(2-5-4)	-835	+.2	-17
Herd Owner, Paul J. Kane, Painted Post.					
SIR ORMSBY FORBES DICTATOR 45TH 833969----------	5 daughters--	5	11,829	3.7	435
Born, 7-27-41; proved, 5-18-48;----; Wis.	5 dams-------	14	11,070	3.5	390
Sire, 662443; dam, 1985121.	Difference---	(4-4-4)	+759	+.2	+45
Used in Dane-Iowa Co-op. A. B. A.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR WAYNE COMET 814530----------	6 daughters--	8	11,349	3.5	399
Born, 3-4-40; proved, 5-28-48;----; Pa.	6 dams-------	19	11,808	3.5	417
Sire, 748623; dam, 1935496.	Difference---	(3-3-3)	-459	.0	-18
Herd Owner, Harry L. McKune, Falls.					
S J C VALLEY EMPEROR STAR 857269 *(May 1947)----------	9 daughters--	12	15,634	3.6	560
Born, 2-19-42; proved, 5-28-48;----; Md.	8 daughters--	11	15,941	3.6	571
Sire, 759918; dam, 1490431.	8 dams-------	29	14,987	3.5	531
Herd Owner, G. Edgar Roderuck, Walkersville.	Difference---	(5-7-5)	+954	+.1	+40
SMITHOME VEEMAN LYONS KING 794175----------	5 daughters--	6	11,127	3.6	406
Born, 3-21-40; proved, 5-28-48;----; Pa.	5 dams-------	27	12,953	3.5	449
Sire, 593854; dam, 1780227.	Difference---	(1-5-2)	-1,826	+.1	-43
Herd Owner, George W. Canfield, Stevensville.					
SPOONER GRAHAMHOLM ORMSBY 783699----------	11 daughters-	11	10,328	3.6	375
Born, 1-28-39; proved, 5-25-48;----; Wis.	11 dams------	49	10,916	3.8	414
Sire, 482966; dam, 1804829.	Difference---	(5-5-5)	-588	-.2	-39
Herd Owner, William M. Nelson, Balsam Lake.					
STADACONA CARNATION BUTTERCUP 815521----------	9 daughters--	10	14,574	3.7	533
Born, 12-20-40; proved, 5-28-48;----; Wash.	7 daughters--	7	15,173	3.6	546
Sire, 781850; dam, 2046238.	7 dams-------	17	13,327	3.5	464
Herd Owner, A. H. Poston & Sons, Mead.	Difference---	(5-6-5)	+1,846	+.1	+82
STROCKLAND PIEBE BURKE 849542----------	10 daughters-	13	10,409	3.6	375
Born, 2-26-41; proved, 5-21-48;----; Pa.	7 daughters--	8	10,928	3.6	389
Sire, 757144; dam, 1567921.	7 dams-------	37	11,316	3.7	417
Herd Owner, Hugh L. McMeen, Carlisle.	Difference---	(3-2-3)	-388	-.1	-28
TRAVERSE IMPERIAL DUKE 824210----------	10 daughters-	11	14,280	3.4	479
Born, 12-30-40; proved, 5-21-48;----; Mich.	6 daughters--	6	14,693	3.1	458
Sire, 729194; dam, 1627916.	6 dams-------	13	13,534	3.1	423
Herd Owner, Caro State Hospital, Caro.	Difference---	(5-3-4)	+1,159	.0	+35
TRIUNE CHIEFTAIN 841347 *(July 1947)----------	13 daughters-	20	12,052	3.7	451
Born, 2-2-41; proved, 5-19-48;----; Ill.	12 daughters-	18	12,096	3.8	454
Sire, 792389; dam, 2018205.	12 dams------	63	10,279	3.5	364
Used in Indiana A. B. A., Ind.	Difference---	(9-12-11)	+1,817	+.3	+90
TYLER FARMS RAG APPLE SUCCESSOR 841799----------	7 daughters--	9	13,496	3.8	518
Born, 8-28-41; proved, 5-28-48;----; Vt.	6 daughters--	8	13,408	3.7	499
Sire, 827071; dam, 1639848.	6 dams-------	13	12,687	3.5	449
Used in New Hampshire A. B. A., N. H.	Difference---	(3-4-4)	+721	+.2	+50
VALLEY VIEW MERCEDES POSCH 796418----------	17 daughters-	21	9,537	3.3	314
Born, 12-3-36; proved, 5-28-48;----; N. Y.	13 daughters-	15	9,479	3.3	310
Sire, 701172; dam, 1101529.	13 dams------	44	9,577	3.2	306
Herd Owner, Hayes Brothers, Montour Falls.	Difference---	(5-6-5)	-98	+.1	+4
VAN HOOSEN K B O P 311 790337----------	6 daughters--	9	12,926	3.6	468
Born, 7-1-39; proved, 5-18-48; alive; Mich.	5 daughters--	8	13,591	3.6	495
Sire, 652274; dam, 1674269.	5 dams-------	9	14,708	3.3	490
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(2-5-2)	-1,117	+.3	+5
VAN HOOSEN K B O P 509 842876----------	8 daughters--	9	14,395	3.5	510
Born, 12-5-41; proved, 5-18-48;----; Mich.	5 daughters--	6	11,545	3.6	484
Sire, 652274; dam, 1886136.	5 dams-------	7	10,983	3.5	386
Used in Indiana A. B. A., Ind.	Difference---	(4-3-4)	+562	+.1	+98
VAN HORNE COLANTHA ORMSBY (TWIN) 792751----------	11 daughters-	15	12,012	3.3	398
Born, 2-7-40; proved, 5-25-48;----; N. Y.	9 daughters--	12	11,621	3.3	383
Sire, 538202; dam, 1484927.	9 dams-------	27	11,683	3.6	415
Herd Owner, Walter Steinman, Deansboro.	Difference---	(3-2-2)	-62	-.3	-32
V W MODEL SIR DE KOL 815241----------	8 daughters--	11	8,952	3.9	347
Born, 10-25-40; proved, 5-20-48;----; Wis.	8 dams-------	24	10,066	3.9	388
Sire, 126306 CHB; dam, 2174135.	Difference---	(2-4-2)	-1,114	.0	-41
Used in Dane Co-op. A. B. A.					
WAIT FARM PROGRESSOR 794271----------	10 daughters-	16	9,372	3.9	368
Born, 2-11-40; proved, 5-28-48;----; N. Y.	7 daughters--	9	8,317	4.1	340
Sire, 663932; dam, 1369356.	7 dams-------	22	11,931	3.5	421
Herd Owner, The H. R. Wait Co., Auburn.	Difference---	(0-7-0)	-3,614	+.6	-81
WALKER IMPERIAL MECHTHILDE 782959----------	25 daughters-	42	9,418	4.0	372
Born, 9-2-39; proved, 5-28-48;----; Pa.	15 daughters-	23	9,398	3.9	371
Sire, 754867; dam, 1639617	15 dams------	67	7,058	4.3	305
Herd Owner, A. Irvin Hostetler, Hanover.	Difference---	(13-4-13)	+2,340	-.4	+66
WARNER BROOK MONTVIC LAD 833242----------	16 daughters-	22	8,566	4.1	348
Born, 1-25-40; proved, 5-24-48;----; Va.	8 daughters--	12	9,410	4.0	373
Sire, 746720; dam, 1954043.	8 dams-------	26	6,922	3.9	270
Herd Owner, H. T. Brown, Lincoln.	Difference---	(6-5-7)	+2,488	+.1	+103

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WIMBLEDON MOOIE EMPEROR 790123 *11	25 daughters-	31	12,575	3.8	479
Born, 12-5-39; proved, 5-12-48;----; Wis.	25 dams------	87	10,204	3.9	395
Sire, 671030; dam, 1585325.	Difference---	(22-14-23)	+2,371	-.1	+84
Used in Wis. Scientific Breeding Institute (A. B. A.).					
WINTERTHUR FOBES POSCH URANUS 789915	23 daughters-	33	9,930	3.6	362
Born, 12-2-39; proved, 5-28-48;----; N. Y.	22 daughters-	32	9,870	3.6	357
Sire, 729449; dam, 1810722.	22 dams------	65	10,094	3.5	351
Herd Owner, Collins & Bates, Adams.	Difference---	(9-17-9)	-224	+.1	+6
WINTERTHUR STAR NEBRASKA VOKIRL 792697	15 daughters-	17	13,226	3.4	452
Born, 2-3-40; proved, 5-28-48;----; N. J.	13 daughters-	14	13,472	3.4	461
Sire, 742081; dam, 1970017.	13 dams------	25	10,777	3.4	366
Herd Owner, J. S. Johnson, Oldwich.	Difference---	(10-9-11)	+2,695	.0	+95
W I S PRIDE LASS 759322	6 daughters--	7	8,766	3.4	301
Born, 3-5-38; proved, 5-14-48;----; Wis.	6 dams-------	18	10,690	3.3	351
Sire, 729042; dam, 1862532.	Difference---	(2-4-2)	-1,924	+.1	-50
Herd Owner, Kewaunee Co. Farm, Kewaunee.					
W I S ROYAL LAD 826435	10 daughters-	13	13,964	3.5	494
Born, 6-18-41; proved, 5-10-48;----; Wis.	9 daughters--	12	14,149	3.5	502
Sire, 698242; dam, 1623910.	9 dams-------	14	12,485	3.4	419
Herd Owner, Elmer Krull, Lake Mills.	Difference---	(6-6-6)	+1,664	+.1	+83
W I S WALKER LASS 802846 *11	10 daughters-	13	14,012	3.4	472
Born, 3-11-40; proved, 5-18-48; alive; Mich.	9 daughters--	11	13,591	3.4	457
Sire, 729042; dam, 1664583.	9 dams-------	16	12,124	3.4	412
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(6-4-7)	+1,467	.0	+45
WOODDELL BESS SIR CORNUCOPIA LAD 770843	8 daughters--	13	12,354	3.4	422
Born, 5-11-38; proved, 5-20-48;----; Ill.	5 daughters--	8	12,510	3.5	437
Sire, 680873; dam, 1424634.	5 dams-------	14	14,712	3.4	505
Herd Owner, Mooseheart Farm, Batavia.	Difference---	(1-4-1)	-2,202	+.1	-68
WOODSON ORMSBY SEGIS GIDEL 715769	14 daughters-	56	10,312	3.4	350
Born, 8-22-35; proved, 5-6-48;----; Pa.	7 daughters--	32	11,147	3.5	385
Sire, 501241; dam, 1429965.	7 dams-------	18	11,242	3.5	398
Herd Owner, Mrs. Howard Bieler, East Greenville.	Difference---	(4-2-4)	-95	.0	-13

JERSEY SIRES

AGATHA EVA'S PLEASANT FOX 384380	5 daughters--	17	8,125	5.4	440
Born, 5-24-37; proved, 5-11-48; dead; N. J.	5 dams-------	34	7,917	5.7	448
Sire, 369784; dam, 972330.	Difference---	(3-2-3)	+208	-.3	-8
Herd Owner, C. S. Ridgway, Jr., Columbus.					
BABBACOMBE OXFORD ORDERLY 393305	7 daughters--	19	8,598	5.4	466
Born, 7-5-36; proved, 5-28-48;----; Wash.	5 daughters--	14	8,208	5.5	455
Sire, 53067 CJCC; dam, 72274 CJCC.	5 dams-------	13	6,764	5.8	393
Herd Owner, Otto Herman, Mt. Vernon.	Difference---	(4-3-3)	+1,444	-.3	+62
BABBACOMBE STANDARD SANTRY 403890	6 daughters--	6	7,724	5.7	438
Born, 2-13-38; proved, 5-26-48;----; Wash.	5 daughters--	5-	7,751	5.6	436
Sire, 46728 CJCC; dam, 49804 CJCC.	5 dams-------	19	7,644	5.4	412
Herd Owner, Cloverfields Farm, Olympia.	Difference---	(2-3-2)	+107	+.2	+24
BARONET SYBIL FAUVIC OWL 412781	11 daughters-	15	5,801	5.4	313
Born, 5-2-40; proved, 5-19-48;----; Wis.	7 daughters--	10	6,016	5.4	327
Sire, 381020; dam, 976661.	7 dams-------	17	5,325	5.7	301
Used in Tri-State Co-op. A. B. A.	Difference---	(5-3-4)	+691	-.3	+26
BESS CRUSADER PRINCE 372262	5 daughters--	9	6,979	5.6	388
Born, 3-27-35; proved, 5-11-48;----; Pa.	5 dams-------	15	7,438	5.4	403
Sire, 263812; dam, 979672.	Difference---	(2-3-1)	-459	+.2	-15
Herd Owner, Ford & Milford Smith, Millerton.					
BLONDE DESIGN VOLUNTEER 402238	7 daughters--	10	8,147	5.3	433
Born, 10-14-38; proved, 5-26-48;----; Ill.	7 dams-------	22	8,336	5.6	468
Sire, 337055; dam, 1044552.	Difference---	(3-4-2)	-189	-.3	-35
Herd Owner, Austin Cole, Chester.					
BROOKSIDE GENERAL OWL 395159	5 daughters--	11	7,900	5.5	437
Born, 12-5-37; proved, 5-12-48;----; Vt.	5 dams-------	23	7,687	5.0	386
Sire, 359090; dam, 1083853.	Difference---	(3-5-4)	+213	+.5	+51
Herd Owner, Louis G. Schmidt, Proctorsville.					
CALIFORNIA CHOICE DAN 378196	27 daughters-	41	8,635	5.1	444
Born, 6-1-36; proved, 5-24-48;----; Calif.	11 daughters-	15	8,738	5.0	441
Sire, 259802; dam, 978543.	11 dams------	51	8,633	4.8	416
Herd Owner, R. W. Dawson, Escalon.	Difference---	(8-6-9)	+105	+.2	+25

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CALIFORNIA NICK PHILIP 402730----------	5 daughters--	5	9,097	5.9	537
Born, 4-6-39; proved, 5-26-48;----; Calif.	5 dams-------	29	9,176	5.5	501
Sire, 316846; dam, 998298.	Difference---	(2-5-4)	-79	+.4	+36
Herd Owner, V. J. Lancaster, Turlock.					
CORONATION ROSEBOY 420588----------	15 daughters-	27	6,022	5.7	341
Born, 10-11-39; proved, 5-24-48;----; Iowa.	12 daughters-	20	6,036	5.6	340
Sire, 363630; dam, 1189240.	12 dams------	41	7,167	4.9	349
Herd Owner, Carroll Andrews, Marshalltown.	Difference---	(4-10-5)	-1,131	+.7	-9
CREME O'GOLD SULTAN 375227----------	29 daughters-	57	7,189	5.3	379
Born, 8-1-35; proved, 5-14-48;----; N. Y.	12 daughters-	25	7,019	5.5	386
Sire, 358046; dam, 943926.	12 dams------	18	6,744	5.3	354
Herd Owner, Roy L. Bielby & Son, Rome.	Difference---	(9-8-7)	+275	+.2	+32
DREAMER SYBIL MAJOR 418456----------	6 daughters--	7	6,202	4.7	289
Born, 9-3-40; proved, 5-28-48;----; Pa.	6 dams-------	13	7,764	4.7	366
Sire, 356237; dam, 1040846.	Difference---	(0-3-0)	-1,562	.0	-77
Herd Owner, S. R. Thompson Estate, Philipsburg.					
EMBLEM JASON 387890----------	8 daughters--	23	6,658	4.9	328
Born, 2-25-37; proved, 5-28-48;----; Md.	7 daughters--	20	6,731	5.0	335
Sire, 352555; dam, 893981.	7 dams-------	13	5,786	4.6	268
Herd Owner, Maurice Harlan, Fallston.	Difference---	(5-6-5)	+945	+.4	+67
FAIRVIEW TORONO OWL 380846----------	27 daughters-	35	8,538	5.2	442
Born, 1-30-37; proved, 5-19-48;----; Wis.	8 daughters--	12	8,520	5.2	443
Sire, 237791; dam, 931948.	8 dams-------	17	8,408	5.1	431
Used in Land O'Lakes A. B. A., Minn.	Difference---	(5-6-5)	+112	+.1	+12
FAMOUS WONDER LAD 403265----------	6 daughters--	8	6,458	5.7	369
Born, 7-4-39; proved, 5-28-48;----; Ohio.	5 daughters--	7	6,426	5.8	372
Sire, 389488; dam, 876410.	5 dams-------	6	7,345	5.6	409
Herd Owner, Bert Leas, Groveport.	Difference---	(1-3-1)	-919	+.2	-37
GAME POGIS VICTOR 440931 *(Aug. 1947)----------	12 daughters-	19	7,865	5.4	427
Born, 7-7-40; proved, 5-21-48;----; Md.	12 dams------	57	7,846	5.2	412
Sire, 306164; dam, 950148.	Difference---	(7-9-9)	+19	+.2	+15
Used in Indiana A. B. A., Ind.					
J. ROYAL KING URBAN 402564----------	5 daughters--	8	6,583	4.9	324
Born, 1-25-39; proved, 5-20-48;----; Vt.	5 dams-------	19	7,244	4.8	350
Sire, 250214; dam, 1047953.	Difference---	(1-3-2)	-661	+.1	-26
Herd Owner, Loomis Farms, Vergennes.					
KATHERINE'S VOL. DESIGN 398300 *10----------	23 daughters-	39	8,370	5.0	419
Born, 1-23-39; proved, 5-17-48; alive; Tex.	22 daughters-	38	8,381	5.1	424
Sire, 342991; dam, 974732.	22 dams------	79	6,797	5.0	341
Used in Texas A & M College A. B. A.	Difference---	(19-13-20)	+1,584	+.1	+83
LAKEVIEW JUPITER GAMBOGE 432852----------	11 daughters-	13	6,704	5.2	352
Born, 8-26-41; proved, 5-12-48; alive; Colo.	10 daughters-	11	6,793	5.3	358
Sire, 401056; dam, 1291014.	10 dams------	26	6,923	5.0	347
Herd Owner, P. C. Lamb, Greeley.	Difference---	(4-8-5)	-130	+.3	+11
LILAC REMUS VIKING 406868 *10----------	19 daughters-	26	7,611	5.3	407
Born, 11-30-39; proved, 5-20-48;----; N. Y.	15 daughters-	22	7,420	5.4	398
Sire, 328497; dam, 1050756.	15 dams------	36	7,019	5.3	375
Used in Indiana A. B. A., Ind.	Difference---	(8-10-9)	+401	+.1	+23
MARY DUKE 450191----------	5 daughters--	6	6,531	5.0	326
Born, 5-1-41; proved, 5-12-48;----; Vt.	5 dams-------	20	7,246	4.8	350
Sire, 407805; dam, 1355135.	Difference---	(0-2-1)	-715	+.2	-24
Herd Owner, Fred E. Allen, Bethel.					
MARY LOUIS TORONO VICTOR 406575 *(May 1947)----------	24 daughters-	38	7,718	5.6	433
Born, 2-25-39; proved, 5-20-48;----; Wis.	21 daughters-	34	7,672	5.6	432
Sire, 387478; dam, 668075.	21 dams------	63	7,396	5.5	408
Used in Wis. Scientific Breeding Institute (A. B. A.).	Difference---	(11-13-12)	+276	+.1	+24
MASTERMAN CREAMY BARON 387238----------	11 daughters-	16	6,508	5.1	332
Born, 10-13-36; proved, 5-11-48;----; Pa.	6 daughters--	7	5,839	5.1	300
Sire, 271964; dam, 1061508.	6 dams-------	10	5,147	5.3	273
Herd Owner, S. S. & Robert Cleland, Portersville.	Difference---	(4-4-4)	+692	-.2	+27
MAY-OWL SOPHIE P. OWL FAUVIC 411121----------	43 daughters-	61	6,779	5.3	362
Born, 11-19-39; proved, 5-28-48;----; Md.	37 daughters-	53	6,763	5.4	363
Sire, 344307; dam, 1087879.	37 dams------	108	7,020	5.1	357
Herd Owner, D. G. Harry & Son, Pylesville.	Difference---	(13-30-20)	-257	+.3	+6
MERRY GOLDEN DESIGN 402445----------	23 daughters-	33	5,405	5.3	287
Born, 8-18-38; proved, 5-26-48;----; Pa.	10 daughters-	14	5,171	5.3	275
Sire, 373402; dam, 1224353.	10 dams------	20	6,008	5.2	314
Herd Owner, Hyllmede Farm, Beaver.	Difference---	(4-7-4)	-837	+.1	-39

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OBSERVER SYBIL PRINCE FERN 414442----------	21 daughters-	31	7,151	5.1	363
Born, 1-10-40; proved, 5-20-48;----; Ohio.	14 daughters-	21	7,131	5.0	359
Sire, 379010; dam, 1161071.	14 dams------	30	7,272	5.2	380
Herd Owner, Fred S. Schrock, Worthington.	Difference---	(5-7-4)	-141	-.2	-21
OWL OXFORD ADVANCER 434560----------	8 daughters--	11	6,289	5.3	334
Born, 1-20-42; proved, 5-19-48;----; Wis.	6 daughters--	8	5,652	5.5	310
Sire, 380846; dam, 1126171.	6 dams-------	14	6,713	5.4	361
Used in Tri-State Co-op. A. B. A.	Difference---	(0-3-0)	-1,061	+.1	-51
OWL TORONO GOLDEN PRINCE 392492 *(Feb. 1947)----------	19 daughters-	38	7,811	5.0	387
Born, 1-6-38; proved, 5-18-48;----; Minn.	13 daughters-	25	8,108	4.9	399
Sire, 352506; dam, 1126171.	13 dams------	58	7,057	5.5	385
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).	Difference---	(11-1-9)	+1,051	-.6	+14
PHOENIX POGIS OWL 418376----------	8 daughters--	8	8,814	5.2	460
Born, 9-15-40; proved, 5-28-48;----; Va.	5 daughters--	5	8,958	5.2	469
Sire, 353305; dam, 1213544.	5 dams-------	13	8,657	5.3	462
Herd Owner, W. W. Sanford, Orange.	Difference---	(2-2-2)	+301	-.1	+7
PINNACLE 100201 CJCC----------	9 daughters--	13	6,841	5.3	366
Born, 8-9-34; proved, 5-28-48;----; N. Y.	5 daughters--	8	6,663	5.4	358
Sire, P.S. 6958 H.C.; dam, P.S. 40041 H.C.	5 dams-------	12	7,395	4.9	364
Herd Owner, Heathcote Farm, Amenia.	Difference---	(2-5-2)	-732	+.5	-6
PREMIER FAIRY LAD 366023----------	10 daughters-	13	6,622	4.7	314
Born, 6-6-34; proved, 5-11-48;----; Pa.	5 daughters--	7	6,878	4.5	310
Sire, 346833; dam, 543876.	5 dams-------	5	6,352	4.6	294
Herd Owner, T. W. Tinkham, Lahaska.	Difference---	(3-2-2)	+526	-.1	+16
PRINCE GABER 351102----------	17 daughters-	50	6,968	5.3	367
Born, 2-4-32; proved, 5-28-48;----; Mass.	5 daughters--	16	6,694	5.7	382
Sire, 327691; dam, 787447.	5 dams-------	15	8,060	5.7	456
Herd Owner, Charles Fine, Attleboro.	Difference---	(0-2-0)	-1,366	.0	-74
RANDLEIGH VICTOR LAD 401925----------	8 daughters--	18	9,227	5.5	511
Born, 11-8-38; proved, 5-25-48;----; Va.	7 daughters--	17	9,314	5.5	512
Sire, 323278; dam, 1054673.	7 dams-------	28	9,129	5.8	528
Herd Owner, C. R. Hope & Son, Purcellville.	Difference---	(3-2-3)	+185	-.3	-16
ROSEBUD'S GOLD DUKE 400122----------	20 daughters-	39	7,984	5.0	401
Born, 5-21-38; proved, 5-24-48;----; Pa.	19 daughters-	38	8,074	5.1	410
Sire, 357165; dam, 927059.	19 dams------	100	7,710	5.1	390
Herd Owner, Samuel B. Williams, Jr., Middletown.	Difference---	(11-11-12)	+364	.0	+20
ROYAL STANDARD DESIGN 426851 *(May 1947)----------	12 daughters-	18	7,863	5.4	428
Born, 8-21-41; proved, 5-20-48;----; Iowa.	11 daughters-	17	8,117	5.4	441
Sire, 354680; dam, 901012.	11 dams------	25	6,784	5.6	381
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.)	Difference---	(9-5-8)	+1,333	-.2	+60
ROYANCE SYBIL GAMBOGE 401913----------	29 daughters-	68	7,996	4.8	385
Born, 6-12-38; proved, 5-28-48;----; Calif.	22 daughters-	52	8,011	4.8	382
Sire, 386129; dam, 1088850.	22 dams------	81	8,960	4.9	435
Herd Owner, H. W. Low Ranch, Hughson.	Difference---	(7-10-6)	-949	-.1	-53
RUSTIC WEXY CHIEF 418843----------	5 daughters--	7	6,745	5.2	349
Born, 3-20-40; proved, 5-28-48;----; Kans.	5 dams-------	9	6,562	5.4	354
Sire, 388674; dam, 1156527.	Difference---	(3-1-3)	+183	-.2	-5
Herd Owner, R. M. McClellan, Kingman.					
SAL RIO FLYING FOX LADDIE BOY 361053----------	36 daughters-	73	8,637	5.1	443
Born, 9-28-33; proved, 5-11-48; dead; Ariz.	20 daughters-	39	8,277	5.2	429
Sire, 226024; dam, 482650.	20 dams------	35	7,945	5.1	409
Herd Owner, Mrs. Marie Fletcher, Phoenix.	Difference---	(13-11-12)	+332	+.1	+20
SAL RIO FOX ROYAL COUNT 348781----------	21 daughters-	34	7,407	5.2	386
Born, 10-10-31; proved, 5-11-48; dead; Ariz.	7 daughters--	12	8,059	5.0	404
Sire, 226024; dam, 632660.	7 dams-------	21	7,578	5.0	376
Herd Owner, Mrs. Marie Fletcher, Phoenix.	Difference---	(4-4-4)	+481	.0	+28
SAM BEAUTY BARZIE OWL 418308----------	6 daughters--	15	7,412	5.3	390
Born, 2-25-40; proved, 5-28-48;----; Pa.	5 daughters--	12	7,315	5.2	383
Sire, 385122; dam, 1028437.	5 dams-------	26	8,219	5.3	436
Herd Owner, Eugene Ellenberger, Warriors Mark.	Difference---	(1-2-1)	-904	-.1	-53
SMOKY FRANK 402649 *(April 1947)----------	12 daughters-	30	7,677	5.7	438
Born, 8-25-38; proved, 5-28-48; dead; Mo.	12 dams------	62	7,872	5.3	414
Sire, 318391; dam, 891165.	Difference---	(4-10-10)	-195	+.4	+24
Herd Owner, H. R. Frink & Son, Hallsville.					
SYBIL BARONET OXFORD 400062----------	5 daughters--	6	6,631	5.1	341
Born, 4-4-39; proved, 5-20-48;----; Wis.	5 dams-------	22	7,823	5.1	399
Sire, 305849; dam, 931948.	Difference---	(1-4-1)	-1,192	.0	-58
Used in Wis. Experimental Breeding Project (A. B. A.).					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
U. W. JOAN SIR GINGER 439203----------	12 daughters-	12	9,971	4.6	455
Born, 5-1-42; proved, 5-18-48;----; Minn.	11 daughters-	11	10,119	4.6	461
Sire, 360310; dam, 1199465.	11 dams------	37	8,494	4.8	405
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).	Difference---	(9-4-11)	+1,625	-.2	+56
VICTOR OF BIRCH CREEK 320651----------	12 daughters-	22	6,265	5.1	322
Born, 3-5-28; proved, 5-14-48;----; N. Y.	5 daughters--	7	6,377	5.2	332
Sire, 206707; dam, 524259.	5 dams-------	8	6,454	5.5	353
Herd Owner, Frank Hamilton, Pine City.	Difference---	(3-2-2)	-77	-.3	-21
VOLUNTEER DANCE OBSERVER 379424----------	23 daughters-	46	5,851	5.5	323
Born, 12-21-36; proved, 5-24-48;----; Ga.	17 daughters-	31	5,544	5.7	315
Sire, 286446; dam, 1073513.	17 dams------	37	6,002	4.7	283
Herd Owner, Mrs. L. M. Sheffer, Athens.	Difference---	(6-17-12)	-458	+1.0	+32
VOLUNTEER'S DANDY ACTOR OF P. H. 282221----------	22 daughters-	58	6,127	4.9	301
Born, 2-16-27; proved, 5-24-48;----; Ga.	16 daughters-	42	6,255	4.9	305
Sire, 232545; dam, 579197.	16 dams------	22	6,013	5.0	303
Herd Owner, Mrs. L. M. Sheffer, Athens.	Difference---	(8-8-8)	+242	-.1	+2
WONDERFUL MOOR VICTOR 404147----------	7 daughters--	12	6,986	5.2	366
Born, 8-3-39; proved, 5-26-48; dead; Md.	6 daughters--	10	7,240	5.2	376
Sire, 393089; dam, 935631.	6 dams-------	29	7,289	5.0	363
Used in Maryland Co-op. A. B. A.	Difference---	(2-4-3)	-49	+.2	+13
YOU'LL DO DESIGNER HANDSOME 388860----------	11 daughters-	11	6,947	5.0	350
Born, 1-10-38; proved, 5-12-48;----; Pa.	5 daughters--	5	7,072	4.9	349
Sire, 350081; dam, 945901.	5 dams-------	14	9,528	4.5	432
Herd Owner, William M. Lloyd, Downingtown.	Difference---	(0-4-0)	-2,456	+.4	-83
399328----------	13 daughters-	19	8,117	5.6	451
Born, ----; proved, 5-14-48;----; Wis.	13 dams------	41	7,942	5.4	433
Sire, ----; dam, ----.	Difference---	(8-9-9)	+175	+.2	+18
Used in Land O'Lakes A. B. A., Minn.					
43-3050 (DHIA EARTAG)----------	8 daughters--	9	6,584	5.6	369
Born, ----; proved, 5-28-48;----; Mo.	7 daughters--	8	6,590	5.6	366
Sire, ----; dam, ----.	7 dams-------	27	5,866	5.7	337
Herd Owner, H. R. Frink & Son, Hallsville.	Difference---	(5-3-4)	+724	-.1	+29

AMERICAN DAIRY CATTLE CLUB SIRES

ALEXANDER WAYNE REED 764
(This sire is also a registered Holstein "Alexander Wayne Reed 867643." Proved Sire data included in Holstein listing.)

CHIEF PIEBE PRIDE GERB-COLAN 862
(This sire is also a registered Holstein "Chief Piebe Pride Gerb-Colan 826710." Proved Sire data included in Holstein listing.)

GREEN GABLES MAGNET KING 482
(This sire is also a registered Guernsey "Green Gables Magnet King 271318." Proved Sire data included in Guernsey listing.)

KING ORMSBY HENGERVELD LYONS 1071
(This sire is also a registered Holstein "King Ormsby Hengerveld Lyons 843476." Proved Sire data included in Holstein listing.)

ROSEBUD'S GOLD DUKE 223
(This sire is also a registered Jersey "Rosebud's Gold Duke 400122." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.
THE LIBRARY OF THE

Dairy-Herd-Improvement-Association Letter Vol. 24, No. 7
SEP 17 1948
July 1948
UNIVERSITY OF ILLINOIS

GUARANTEEING THE RELIABILITY OF PROVED-SIRE RECORDS

Dairymen and dairy leaders are using proved-sire records more than ever before. The records are being used in selecting sires for artificial-breeding associations, in determining the prices to pay for sires, and in planning breeding programs for building future dairy herds.

With this increased use of proved-sire records comes a tremendous responsibility -- the proved-sire records must be a reliable indication of the breeding worth of the sires proved.

There can be absolutely no selection of data if a reliable proved-sire record is to be compiled. Supervisors should report -- and herd owners should insist that supervisors report -- all 305-day lactation records that are completed. Herd owners must be shown that if a sire is proved worthy on the basis of selected data, and later is proved unworthy on the basis of more complete data, the records of the entire herd in which the sire was proved are likely to be questioned and future sales of surplus stock from the herd may be hampered considerably. Reporting all available lactation records for every daughter of every sire and for every dam represented in the proved-sire record is the first and most important step in guaranteeing the reliability of proved-sire records.

134,598 Lactation Records Reported During the First 6 Months of 1948

During the first 6 months of 1948, association supervisors reported 134,598 lactation records for use in proving DHIA sires. This is the largest number of records ever reported in any similar period. The previous record year was 1941, when 126,947 records were reported during the first half of the year.

While the total number of records reported has increased, less than half of the available 305-day lactation records were reported. It is estimated that from 60 to 70 percent of the cows on test on January 1 will complete 305-day lactation records during the year, and that from 30 to 35 percent should complete their records during the first 6 months. On this basis, approximately 275,000 records should have been completed during the first 6 months of 1948. The 134,598 records reported represent less than half of the records available for reporting. Thus, while more records are being reported, a higher percentage of records must be reported before the proved-sire records will be a reliable indication of the breeding worth of the sires proved.

The table on page 2 shows the number of records reported by States during the first 6 months of 1948.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1947 AND 1948

State	First 6 months of 1948							1947		
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by - American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Records returned 3/	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine-----	9,298	2,603	28.0	0	57	0	122	2,807	33.8
N. H------	5,584	539	9.7	0	96	5	49	1,251	24.2
Vt--------	20,545	4,984	24.3	10	209	48	379	7,888	45.3
Mass------	11,396	1,488	13.1	52	338	48	95	1,909	22.0
R. I------	1,198	3	.3	0	57	0	0	27	4.5
Conn------	11,182	1,243	11.1	0	250	89	101	2,946	29.5
N. Y------	87,568	18,120	20.7	537	1,284	132	932	36,219	50.4
Pa--------	71,137	16,044	22.6	93	705	33	759	25,655	40.3
N. J------	21,204	3,411	16.1	0	16	55	185	6,644	32.4
Md--------	16,014	3,639	22.7	75	270	2	208	7,457	55.6
Del-------	2,099	2	.1	0	12	0	36	922	47.5
Va--------	31,944	8,601	26.9	0	0	0	715	11,187	35.6
W. Va-----	6,035	1,941	32.2	0	55	2	110	4,116	72.0
Ky--------	7,158	607	8.5	2	0	8	42	1,559	27.4
N. C------	5,751	228	4.0	0	112	0	20	380	8.1
S. C------	1,750	0	-	0	0	4	0	0	-
Ga--------	4,094	371	9.1	11	0	0	29	454	14.2
Fla-------	2,155	17	.8	0	13	0	4	31	-
Ala-------	0	7	-	0	0	0	0	0	-
Miss------	1,370	352	25.7	0	0	0	23	596	26.5
Tenn------	6,238	355	5.7	8	0	0	26	410	10.0
Ia--------	2,190	63	2.9	0	0	0	27	97	7.2
Ark-------	0	0	-	0	0	0	0	0	-
Ohio------	24,077	2,820	11.7	8	440	168	180	4,892	21.0
Ind-------	23,590	1,786	7.6	32	123	93	96	3,089	15.5
Ill-------	34,485	4,707	13.6	121	101	317	287	6,255	17.6
Mich------	43,474	6,839	15.7	10	128	142	310	13,666	36.2
Wis-------	80,091	17,833	22.3	44	130	406	707	35,318	47.0
Minn------	41,110	5,791	14.1	9	9	92	477	16,433	43.2
Iowa------	35,239	7,137	20.3	0	77	229	334	15,276	54.4
Mo--------	14,062	2,759	19.6	0	9	15	147	2,485	20.8
N. Dak----	1,029	84	8.2	0	0	0	2	6	-
S. Dak----	1,587	134	8.4	0	1	13	27	182	15.5
Nebr------	4,340	486	11.2	12	22	21	32	599	25.8
Kans------	11,478	2,818	24.6	0	137	25	385	3,613	48.3
Okla------	2,937	186	6.3	0	0	0	29	206	9.5
Tex-------	11,648	557	4.8	0	4	0	158	479	8.2
Mont------	4,294	223	5.2	0	8	0	17	512	14.1
Idaho-----	7,423	874	11.8	0	19	0	26	1,051	21.0
Wyo-------	0	9	-	0	0	1	1	59	5.3
Nev-------	882	5	.6	0	0	0	2	317	32.0
Utah------	9,800	926	9.4	0	0	0	102	1,927	24.2
Colo------	4,886	761	15.6	0	15	19	44	1,033	24.1
N. Mex----	1,417	172	12.1	0	0	0	15	80	4.5
Ariz------	7,953	386	4.9	0	0	0	15	686	12.3
Wash------	27,292	5,599	20.5	0	68	13	568	8,026	34.1
Oreg------	14,046	3,642	25.9	0	25	17	195	2,737	19.3
Calif-----	153,079	3,437	2.2	0	81	22	124	5,761	4.2
P. R------	0	0	-	0	0	0	0	0	-
Hawaii----	(4)	9	-	0	0	0	0	73	17.0
U. S----	886,129	134,598	15.2	1,024	4,871	2,020	8,142	237,316	30.6

1/ Includes cows enrolled since January 1, 1948.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.
4/ No report.

DHIA PROVED-SIRE RECORDS TABULATED IN JUNE 1948

Following is a list of 292 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in June 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 11 printed lists his prveious record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been reported as being used in an artificial breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Per ent	Pounds
ALTA CREST PREEMINENT 61500	18 daughters	29	8,145	4.1	335
Born, 4-1-39; proved, 6-8-48; dead; Mass.	17 daughters	27	8,129	4.1	334
Sire, 54577; dam, 136486.	17 dams	52	8,546	4.0	344
Herd Owner, Essex Co. Industrial Farm, Hathorne.	Difference	(5-12-7)	-417	+.1	-10
ALTA CREST SKIPAWAY 59923	20 daughters	34	8,754	4.0	350
Born, 8-28-38; proved, 6-2-48; dead; Mont.	17 daughters	28	8,766	4.0	351
Sire, 54245; dam, 110575.	17 dams	49	9,541	3.9	368
Herd Owner, Harry B. Mitchell, Great Falls.	Difference	(8-13-8)	-775	+.1	-17
ASH GROVE MAGNET 62703	5 daughters	7	7,086	4.0	283
Born, 2-7-39; proved, 6-22-48; dead; N. Y.	5 dams	13	8,317	4.1	338
Sire, 47715; dam, 115635.	Difference	(1-2-1)	-1,231	-.1	-55
Herd Owner, Ash Grove Farms, Saratoga Springs.					
BARGOWER CHEER UP, IMP. 51649	12 daughters	21	9,767	3.7	358
Born, 3-5-32; proved, 6-4-48; dead; Ind.	8 daughters	13	10,039	3.6	366
Sire, 41982; dam, 172578.	8 dams	12	8,824	3.9	341
Herd Owner, Ira Eby, Elkhart.	Difference	(7-2-6)	+1,215	-.3	+25
BARR PETER PAN 51391	40 daughters	84	8,456	3.8	324
Born, 3-11-32; proved, 6-14-48;----; N. Y.	11 daughters	18	8,065	3.9	312
Sire, 41224; dam, 171448.	11 dams	16	8,390	3.8	317
Herd Owner, Park Ayr. Farms, Sand Lake.	Difference	(6-8-5)	-325	+.1	-5
BROCKLAWN DUKE 65829	5 daughters	6	8,749	3.8	337
Born, 6-9-40; proved, 6-14-48;----; Vt.	5 dams	7	10,595	3.6	382
Sire, 59592; dam, 143003.	Difference	(1-3-2)	-1,846	+.2	-45
Herd Owner, Murray E. Plumb, Chester.					
CACAPON BRIGHT STAR 6TH 59240	12 daughters	16	8,004	4.3	344
Born, 6-27-38; proved, 6-8-48; dead; W. Va.	12 dams	49	9,002	4.1	370
Sire, 39232; dam, 148107.	Difference	(5-9-6)	-998	+.2	-26
Herd Owner, Fair View Farm, Morgantown.					
CRAIGHURST BUSTER 54794	6 daughters	18	8,568	4.2	356
Born, 4-17-35; proved, 6-8-48;----; N. Y.	5 daughters	15	8,866	4.2	372
Sire, 43957; dam, 98701.	5 dams	16	8,279	4.2	345
Herd Owner, Daniel A. Craig, Rome.	Difference	(3-3-3)	+587	.0	+27
CRYSTAL SPRING ANDY 65571	10 daughters	15	8,533	4.1	349
Born, 6-7-40; proved, 6-18-48;----; N. H.	9 daughters	14	8,605	4.1	351
Sire, 53527; dam, 156522.	9 dams	25	9,072	4.3	388
Herd Owner, Hampshire Hills Farms, Inc., Wilton.	Difference	(4-1-2)	-467	-.2	-37
DELCHESTER FAVORITE SONBEAU 51946	16 daughters	37	8,309	4.1	339
Born, 8-16-35; proved, 6-7-48; dead; Pa.	6 daughters	12	7,939	4.2	337
Sire, 37039; dam, 86896.	6 dams	14	9,245	3.9	364
Herd Owner, Delchester Farms, Edgemont.	Difference	(2-5-2)	-1,306	+.3	-27
ELIZABETH'S DEFENDER OF JUNIATA 65110	8 daughters	12	8,660	4.4	382
Born, 7-30-40; proved, 6-15-48;----; Kans.	8 dams	41	8,660	4.3	370
Sire, 50628; dam, 151913.	Difference	(4-8-5)	0	+.1	+12
Herd Owner, Fred D. Strickler, Hutchinson.					
ENGLISH'S DAIRY FARMS BLENDER 65391	7 daughters	10	7,264	3.9	282
Born, 10-29-40; proved, 6-15-48;----; Mass.	7 dams	24	8,676	3.9	342
Sire, 55088; dam, 208691.	Difference	(1-3-2)	-1,412	.0	-60
Herd Owner, Maple Farm, Plymouth.					
GALNEY LEDO 65551	10 daughters	13	10,677	4.1	440
Born, 1-18-40; proved, 6-15-48; alive; N. Y.	7 daughters	9	10,470	4.0	421
Sire, 44619; dam, 152666.	7 dams	11	10,650	4.0	422
Herd Owner, M. B. Mitchell & Son, Dansville.	Difference	(3-4-4)	-180	.0	-1
IROQUOIS PROSPECT 59869	6 daughters	10	6,141	4.3	264
Born, 9-6-38; proved, 6-7-48;----; N. Y.	5 daughters	8	5,757	4.3	246
Sire, 53770; dam, 152957.	5 dams	10	10,122	4.6	464
Herd Owner, Hiram Wilbur, Franklin.	Difference	(0-2-0)	-4,365	-.3	-218

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
K. S. I. R. PRINCE'S TOREADOR 61383----------	7 daughters--	10	10,032	4.1	416
Born, 4-26-39; proved, 6-3-48; alive; Kans.	7 dams-------	20	8,058	4.0	319
Sire, 39448; dam, 163090.	Difference---	(6-6-7)	+1,974	+.1	+97
Herd Owner, Kans.State Industrial Reformatory, Hutchinson.					
MEL BURN'S BIG DOUG 58642---------- ----------	6 daughters--	7	8,961	4.2	380
Born, 2-25-38; proved, 6-14-48; dead; Kans.	6 dams-------	12	7,325	4.1	302
Sire, 47632; dam, 176183.	Difference---	(5-5-5)	+1,636	+.1	+78
Herd Owner, Mel Burn Farm, Elmo.					
MONTANA CHAMPION 65737----------	11 daughters-	14	8,670	4.1	355
Born, 7-18-40; proved, 6-14-48; dead; Mont.	10 daughters-	12	8,376	4.1	341
Sire, 48089; dam, 153750.	10 dams------	29	9,771	4.0	387
Herd Owner, Harry B. Mitchell, Great Falls.	Difference---	(5-8-5)	-1,395	+.1	-46
PENSHURST AGAIN 60918----------	5 daughters--	11	8,774	4.2	373
Born, 12-5-38; proved, 6-22-48; dead; Pa.	5 dams-------	14	8,494	3.8	326
Sire, 50792; dam, 168406.	Difference---	(3-5-3)	+280	+.4	+47
Herd Owner, Good Acres Farm, Fayetteville.					
PIONEER LEADER 61891----------	7 daughters--	15	6,574	4.1	273
Born, 2-1-39; proved, 6-18-48;----; Pa.	7 dams-------	11	9,104	3.9	355
Sire, 52162; dam, 119737.	Difference---	(0-7-0)	-2,530	+.2	-82
Herd Owner, Lester V. Randall, Guys Mills.					
PLOTTERKILL WHITE KING 60855----------	8 daughters--	10	8,703	4.1	357
Born, 2-7-39; proved, 6-22-48; dead; N. Y.	8 dams-------	40	10,345	3.8	396
Sire, 47223; dam, 162854.	Difference---	(1-7-2)	-1,642	+.3	-39
Herd Owner, Plotterkill Stock Farm, Schenectady.					
ROSELAWN SUN 61780----------	6 daughters--	8	8,806	4.1	361
Born, 1-30-39; proved, 6-8-48;----; Conn.	6 dams-------	20	9,359	4.1	383
Sire, 56585; dam, 177495.	Difference---	(3-3-2)	-553	.0	-22
Herd Owner, Benmore Farm, New Milford.					
SALLY'S WILLIAM TELL 61998----------	6 daughters--	12	7,427	4.2	312
Born, 7-11-39; proved, 6-22-48; dead; Ohio.	6 dams-------	12	7,346	4.0	294
Sire, 52368; dam, 153655.	Difference---	(4-5-5)	+81	+.2	+18
Herd Owner, John E. Rapp, Portsmouth.					
SHIRLEY-AYR QUAKER 60696----------	11 daughters-	18	8,000	4.3	343
Born, 1-22-39; proved, 6-7-48;----; Md.	8 daughters--	13	8,952	4.3	389
Sire, 50792; dam, 106640.	8 dams-------	24	9,085	4.0	368
Herd Owner, Howard W. Clark, Glenelg.	Difference---	(4-7-4)	-133	+.3	+21
SPRINGBURN NIGHT PATROL, IMP. 61458----------	12 daughters-	21	7,816	3.9	303
Born, 12-7-35; proved, 6-8-48;----; Pa.	6 daughters--	8	8,265	3.9	322
Sire, 52355; dam, 217389.	6 dams-------	10	8,759	3.7	325
Herd Owner, D. L. Sattazahn, Avon.	Difference---	(4-5-4)	-494	+.2	-3
STRATHGLASS DOUGLAS PRINCE 50551----------	20 daughters-	25	8,607	4.0	348
Born, 1-9-35; proved, 6-16-48;----; Mass.	15 daughters-	20	8,628	4.0	349
Sire, 41921; dam, 113670.	15 dams------	21	9,222	4.0	371
Herd Owner, Castle Hill Farm, Whitinsville.	Difference---	(6-11-7)	-594	.0	-22
STRATHGLASS MONARCH 61647----------	23 daughters-	33	8,614	3.9	336
Born, 4-28-39; proved, 6-15-48;----; Ohio.	14 daughters-	21	8,913	3.9	348
Sire, 51655; dam, 71236.	14 dams------	26	7,470	4.0	301
Herd Owner, Wendell E. Day, Sunbury.	Difference---	(10-7-8)	+1,443	-.1	+47
STRATHGLASS SUPREME'S DAIRYMAN 65215----------	5 daughters--	6	10,828	4.1	448
Born,9-3-40; proved, 6-14-48; alive; N. Y.	5 dams-------	25	8,796	4.1	359
Sire, 52884; dam, 103808.	Difference---	(4-2-5)	+2,032	.0	+89
Herd Owner, Strathglass Farm, Port Chester.					
SYCAMORE ESCAPADE 62439----------	7 daughters--	11	7,721	4.0	306
Born, 9-20-39; proved, 6-22-48;----; Ohio.	5 daughters--	8	8,141	4.0	325
Sire, 35622; dam, 184523.	5 dams-------	7	7,648	4.0	303
Herd Owner, E. B. Timmermeister, Lima.	Difference---	(4-2-3)	+493	.0	+22
TALISMAN BROAD PLACE 62448----------	5 daughters--	11	7,043	4.2	294
Born, 9-24-39; proved, 6-21-48;----; Mass.	5 dams-------	13	7,715	4.1	315
Sire, 56717; dam, 196283.	Difference---	(3-3-3)	-672	+.1	-21
Herd Owner, Broad Place Ayr. Farm, North Amherst.					
TENN-AYR WILLIAM 61172----------	7 daughters--	12	11,079	3.7	412
Born, 3-3-39; proved, 6-8-48;----; Pa.	5 daughters--	8	11,121	3.7	416
Sire, 38087; dam, 140738.	5 dams-------	22	8,315	3.8	315
Herd Owner, Charles B. Spicer, Gettysburg.	Difference---	(5-2-5)	+2,806	-.1	+101
U. OF MD. PILGRIM'S PAGAN 61133----------	18 daughters-	36	7,903	4.3	337
Born, 2-12-39; proved, 6-4-48;----; Pa.	15 daughters-	28	7,805	4.2	332
Sire, 45295; dam, 163535.	15 dams------	69	7,417	3.9	292
Herd Owner, Walter V. Spessard, Smithsburg.	Difference---	(8-13-11)	+388	+.3	+40

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WOODHULL TOPS 61787----------	8 daughters--	14	6,697	4.4	296
Born, 1-31-39; proved, 6-15-48; alive; Kans.	7 daughters--	13	6,687	4.4	293
Sire, 58252; dam, 175341.	7 dams-------	27	6,675	4.2	282
Herd Owner, Henry A. Sewing, Mackeville.	Difference---	(5-6-5)	+12	+.2	+11

BROWN SWISS SIRES

BETTY'S COUNT SAMMIE OF ROSELAND 40015----------	5 daughters--	7	9,538	4.0	380
Born, 1-2-38; proved, 6-21-48;----; Ill.	5 dams-------	11	9,953	4.3	430
Sire, 35778; dam, 59775.	Difference---	(2-1-2)	-415	-.3	-50
Herd Owner, Raymond Kaiser, Dakota.					
CARL'S FAWN BUTTERNUT JACK 16687----------	6 daughters--	18	8,758	3.6	316
Born, 11-26-26; proved, 6-16-48;----; Wis.	5 daughters--	14	8,671	3.7	318
Sire, 7913; dam, 13496.	5 dams-------	8	9,364	3.7	351
Herd Owner, Edmund H. Dargel, Reedsburg.	Difference---	(2-3-2)	-693	.0	-33
FOREST FARMS DUKE 50520----------	5 daughters--	5	8,544	4.1	349
Born, 9-3-40; proved, 6-7-48;----; Pa.	5 dams-------	18	9,148	3.8	352
Sire, 38049; dam, 62979.	Difference---	(2-5-3)	-604	+.3	-3
Herd Owner, H. P. Kennedy & Son, Valencia.					
ROSE'S BARON OF BUTTERCUP 50166----------	7 daughters--	10	9,379	3.8	355
Born, 12-17-40; proved, 6-18-48;----; Iowa	5 daughters--	8	8,922	3.9	346
Sire, 32952; dam, 62541.	5 dams-------	22	8,024	3.9	312
Herd Owner, Theodore Schrandt, Ft. Atkinson.	Difference---	(3-2-3)	+898	.0	+34
ROYAL'S NOMAD OF LEE'S HILL 52446----------	5 daughters--	6	9,958	3.8	382
Born, 9-15-41; proved, 6-3-48;----; Mich.	5 dams-------	15	12,590	3.8	479
Sire, 28594; dam, 42422.	Difference---	(1-3-1)	-2,632	.0	-97
Herd Owner, A. C. Anderson, Lapeer.					

GUERNSEY SIRES

ADOHR UNIVERSITY LUBAS 273694----------	7 daughters--	13	8,073	5.0	400
Born, 9-15-38; proved, 6-7-48; alive; Ariz.	7 dams-------	33	8,593	4.6	392
Sire, 232580; dam, 450755.	Difference---	(2-6-4)	-520	+.4	+8
Herd Owner, University of Arizona, Tucson.					
BARBARA'S PRINCE FRITZ OF HAZEN 285685----------	14 daughters-	17	6,852	5.5	374
Born, 3-9-40; proved, 6-14-48;----; Pa.	12 daughters-	15	6,798	5.5	373
Sire, 246173; dam, 547503.	12 dams------	35	8,231	5.2	432
Herd Owner, James A. Patterson, West Lebanon.	Difference---	(1-7-3)	-1,433	+.3	-59
BEAUTY'S NOBLE SEARCHLIGHT 253722----------	6 daughters--	15	7,534	4.8	360
Born, 5-9-37; proved, 6-3-48;----; Ohio.	6 dams-------	26	8,345	4.5	373
Sire, 221781; dam, 347716.	Difference---	(2-5-3)	-811	+.3	-13
Herd Owner, Coldwater Guernsey Dairy, Coldwater.					
BECKER HOMESTEAD QUEEN'S ROYAL 213741----------	13 daughters-	21	7,238	4.4	315
Born, 10-8-33; proved, 6-4-48;----; Wis.	6 daughters--	8	7,059	4.6	323
Sire, 198792; dam, 186898.	6 dams-------	17	6,627	4.8	321
Herd Owner, Mrs. C. R. McKee, Watertown.	Difference---	(4-2-3)	+432	-.2	+2
BLUEBELL'S LEADER 285387----------	10 daughters-	12	7,574	4.7	354
Born, 1-4-40; proved, 6-21-48;----; N. Y.	10 dams------	43	7,954	4.7	376
Sire, 279704; dam, 404107.	Difference---	(4-5-4)	-380	.0	-22
Herd Owner, Dewey Carr, Ferndale.					
BONNIE'S ROYAL OF GILMAR 270970----------	13 daughters-	21	7,153	4.8	345
Born, 9-26-38; proved, 6-7-48;----; Pa.	13 dams------	38	6,530	4.8	316
Sire, 218835; dam, 357966.	Difference---	(9-5-9)	+623	.0	+29
Herd Owner, F. W. Ferris, New Wilmington.					
BROOKLAWN'S DUKE 287271----------	11 daughters-	18	7,977	4.8	381
Born, 5-11-40; proved, 6-21-48; dead; Iowa.	9 daughters-	15	7,770	4.9	377
Sire, 252540, dam, 505841.	9 dams------	23	6,963	5.2	361
Herd Owner, C. C. Erb, Iowa City.	Difference---	(7-3-6)	+807	-.3	+16
BROOKMEAD'S DUELLER 308521----------	7 daughters--	7	7,414	4.8	353
Born, 3-16-41; proved, 6-7-48;----; Pa.	7 dams-------	33	8,442	4.6	387
Sire, 282710; dam, 637946.	Difference---	(0-4-0)	-1,028	+.2	-34
Herd Owner, J. N. Pew Estate, Mercer.					
CATHEDRAL CHARLES RILMA 277068----------	7 daughters--	11	8,909	5.2	467
Born, 7-23-39; proved, 6-4-48; dead; N. Y.	7 dams-------	28	9,001	4.8	429
Sire, 188828; dam, 436664.	Difference---	(4-6-5)	-92	+.4	+38
Herd Owner, William Taylor, Slingerlands.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CEDAR CREST'S GOLDEN ROYAL 302252	8 daughters	11	8,217	5.1	423
Born, 9-19-40; proved, 6-9-48; dead; Nebr.	5 daughters	7	7,828	5.2	409
Sire, 251891; dam, 645682.	5 dams	6	6,238	5.3	332
Herd Owner, Henry H. Pfeiffer & Sons, Arlington.	Difference	(3-2-3)	+1,590	-.1	+77
C. F.'S KNIGHT OF HONOR 288066	27 daughters	44	7,069	4.9	345
Born, 5-28-40; proved, 6-21-48; alive; Md.	14 daughters	22	7,633	4.8	368
Sire, 177171; dam, 482420.	14 dams	37	6,725	4.7	318
Herd Owner, Edward H. Burke, Reisterstown.	Difference	(8-8-10)	+908	+.1	+50
CLEOPATRA'S BET 285878	16 daughters	31	8,137	4.8	387
Born, 3-26-40; proved, 6-14-48;----; Wash.	6 daughters	11	8,324	4.8	397
Sire, 248522; dam, 443424.	6 dams	11	7,342	4.9	363
Herd Owner, Bjerge Brothers, Graham.	Difference	(5-2-5)	+982	-.1	+34
DICTATOR OF CHESTER 297817	9 daughters	12	7,012	4.9	343
Born, 12-31-40; proved, 6-18-48;----; Vt.	9 dams	29	9,784	4.7	457
Sire, 259073; dam, 464745.	Difference	(0-6-0)	-2,772	+.2	-114
Herd Owner, Paul H. Phillips, Proctorsville.					
EDGE MOUNT VAGABOND 308537	8 daughters	9	6,369	4.4	281
Born, 4-12-41; proved, 6-9-48; dead; Pa.	7 daughters	7	6,432	4.5	287
Sire, 231275; dam, 461803.	7 dams	36	7,768	4.7	363
Herd Owner, Lee M. Poorbaugh, York.	Difference	(2-3-1)	-1,336	-.2	-76
EMERALD JED OF HENLOPEN 285931	10 daughters	25	6,213	4.3	270
Born, 10-6-38; proved, 6-4-48;----; Wis.	8 daughters	21	5,957	4.4	263
Sire, 254639; dam, 421096.	8 dams	48	7,405	4.7	345
Herd Owner, Mathesius & Richter, Burlington.	Difference	(1-3-2)	-1,448	-.3	-82
FAIRVIEW SENSATION 296634	5 daughters	9	7,132	4.8	342
Born, 8-13-40; proved, 6-18-48;----;Wis.	5 dams	25	7,116	5.1	365
Sire, 242330; dam, 349320.	Difference	(2-2-1)	+16	-.3	-23
Herd Owner, Martin H. Wiepking, Cedarburg.					
FLYING HILL ROYAL HYACINTH 285881	9 daughters	12	7,650	5.3	406
Born, 4-18-40; proved, 6-21-48;----; Pa.	9 dams	53	7,761	5.1	400
Sire, 223074; dam, 434716.	Difference	(4-7-5)	-111	+.2	+6
Herd Owner, Miles D. Hollenbach, Shartlesville.					
FOXDEN'S MUSICIAN 274676	18 daughters	24	7,782	4.7	369
Born, 2-15-39; proved, 6-7-48;----; Del.	16 daughters	22	7,694	4.7	365
Sire, 194763; dam, 368201.	16 dams	42	6,883	4.9	334
Herd Owner, J. Dudley Walker, Harbeson.	Difference	(12-6-11)	+811	-.2	+31
FRIENDSHIP V. C. LEADER 265450	11 daughters	11	9,142	4.7	433
Born, 5-27-38; proved, 6-14-48;----; Mo.	5 daughters	5	8,924	4.7	418
Sire, 146507; dam, 238841.	5 dams	6	7,828	4.9	380
Herd Owner, Andwood Farm, Sullivan.	Difference	(4-2-4)	+1,096	-.2	+38
GIRL'S PREMIER OF GOLDEN CREST 288278	11 daughters	16	6,006	4.2	254
Born, 9-25-39; proved, 6-15-48;----; Wis.	10 daughters	15	6,094	4.3	260
Sire, 246816; dam, 523097.	10 dams	28	7,029	4.4	307
Herd Owner, E. R. Prindle & Sons, Alma Center.	Difference	(3-3-4)	-935	-.1	-47
GLENBURNIE OTTO 227633	29 daughters	61	7,345	4.8	350
Born, 3-30-35; proved, 6-14-48; dead; N. J.	20 daughters	42	7,200	4.8	345
Sire, 207483, Dam, 238419.	20 dams	55	8,131	4.7	380
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference	(8-11-8)	-931	+.1	-35
GOLDENDALE BONNY JIM 291155	7 daughters	15	9,208	4.7	432
Born, 7-12-38; proved, 6-21-48; dead; Idaho.	6 daughters	14	9,367	4.6	432
Sire, 171019; dam, 480274.	6 dams	17	8,655	5.0	431
Herd Owner, A. L. Reeb, Meridian.	Difference	(3-2-3)	+712	-.4	+1
GREAT HOPES ROYAL 302738	11 daughters	14	5,900	5.0	294
Born, 7-1-40; proved, 6-9-48; dead; Md.	6 daughters	8	6,270	5.0	315
Sire, 219883; dam, 398568.	6 dams	15	6,800	4.8	323
Herd Owner, John S. Reisler, Nottingham.	Difference	(2-6-2)	-530	+.2	-8
GREEN MEADS PHARAOH 289234	15 daughters	25	7,765	5.1	400
Born, 8-8-39; proved, 6-14-48;----; Pa.	12 daughters	16	7,809	5.1	402
Sire, 196128; dam, 439647.	12 dams	63	9,172	4.7	432
Used in Southeastern A. B. A.	Difference	(3-12-4)	-1,363	+.4	-30
GROTON HOUSE CHUBBER 316859	9 daughters	10	7,082	5.0	356
Born, 8-4-41; proved, 6-18-48;----; Vt.	8 daughters	8	6,999	5.0	353
Sire, 287749; dam, 388734.	8 dams	36	8,035	5.1	409
Herd Owner, Alfred W. Kingsbury, Cavendish.	Difference	(2-4-2)	-1,036	-.1	-56
HAYFIELD'S STREAMLINER 310692	6 daughters	7	8,744	4.9	425
Born, 9-1-41; proved, 6-7-48;----; N. Y.	6 dams	26	8,125	4.7	384
Sire, 214348; dam, 373236.	Difference	(3-4-3)	+619	+.2	+41
Used in Indiana A. B. A., Ind.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HIGHLAND GOLDEN BILLIE 252503	14 daughters	21	8,943	5.0	449
Born, 8-1-37; proved, 6-8-48;----; Iowa.	12 daughters	17	9,324	5.0	467
Sire, 128041; dam, 460718.	12 dams	45	7,742	4.8	370
Herd Owner, H. A. Larsen, Spencer.	Difference	(10-9-10)	+1,582	+.2	+97
HILLTOP BUTTERFAT LEN 283737	6 daughters	11	6,406	5.1	327
Born, 10-15-39; proved, 6-21-48;----; Conn.	5 daughters	8	6,043	5.1	310
Sire, 189151, dam, 450570.	5 dams	18	6,649	4.8	321
Herd Owner, The Lyman Farm, Middlefield	Difference	(2-4-3)	-606	+.3	-11
JULIA'S COMET 295609	8 daughters	8	8,534	5.0	425
Born, 12-30-40; proved, 6-14-48;----; Minn.	5 daughters	5	7,697	5.1	393
Sire, 270293; dam, 544258.	5 dams	6	7,433	4.9	366
Herd Owner, Willard S. Ness, Albert Lea.	Difference	(3-4-3)	+264	+.2	+27
KING CHALLENGER OF ANNVILEE 286667	13 daughters	23	9,090	5.0	457
Born, 2-10-40; proved, 6-14-48; alive; Ky.	9 daughters	16	8,577	4.9	422
Sire, 216190; dam, 442236.	9 dams	33	8,521	4.6	388
Herd Owner, Berea College, Berea.	Difference	(5-7-7)	+56	+.3	+34
KING OF STREVERLING FARMS 294970	6 daughters	8	6,885	5.3	367
Born, 10-31-40; proved, 6-18-48;----; Minn.	6 dams	10	5,508	5.4	298
Sire, 228211; dam, 375384.	Difference	(4-3-5)	+1,377	-.1	+69
Herd Owner, Jesse Staebler, Adams.					
KITCHENER CONSUL 289457	5 daughters	8	7,870	5.0	395
Born, 4-5-40; proved, 6-8-48;----; Wis.	5 dams	14	8,306	5.2	433
Sire, 161094; dam, 429605.	Difference	(3-1-2)	-436	-.2	-38
Herd Owner, William H. Basse, Waukesha.					
KITCHENER GAY LAD 246074	26 daughters	45	7,820	4.9	380
Born, 1-24-37; proved, 6-4-48;----; Wis.	23 daughters	40	7,867	4.9	384
Sire, 213584; dam, 427066.	23 dams	84	7,209	5.0	360
Herd Owner, Orlin P. Craig, Mukwonago.	Difference	(14-9-12)	+658	-.1	+24
LAKE SHORE ROMAN NERO 253162	8 daughters	10	6,548	4.9	322
Born, 5-7-37; proved, 6-7-48; dead; Maine.	7 daughters	8	6,575	4.9	323
Sire, 218516; dam, 235315.	7 dams	16	6,951	5.0	346
Herd Owner, Robert H. Bradley, Mercer.	Difference	(3-4-3)	-376	-.1	-23
LANGWATER ARGYLL 160703	33 daughters	50	7,774	4.9	378
Born, 12-10-28; proved, 6-3-48; dead; Mich.	11 daughters	13	8,454	4.8	410
Sire, 98719; dam, 93170.	11 dams	14	8,609	4.7	405
Herd Owner, W. H. Eichbauer, Monroe.	Difference	(5-7-7)	-155	+.1	+5
LOMA CHOLAINE'S ROY 299040	6 daughters	9	8,992	4.3	384
Born, 11-14-39; proved, 6-8-48;----; Mich.	6 dams	11	7,902	4.2	328
Sire, 257354; dam, 500861.	Difference	(5-4-5)	+1,090	+.1	+56
Herd Owner, Berglund Brothers, Ironwood.					
LONGACRE HANNIBAL 282879	10 daughters	16	7,644	4.8	364
Born, 3-11-38; proved, 6-7-48;----; Del.	8 daughters	13	7,611	4.6	352
Sire, 214837; dam, 334936.	8 dams	21	6,995	5.0	347
Herd Owner, J. Dudley Walker, Harbeson.	Difference	(5-2-4)	+616	-.4	+5
LUXERIN TALISMAN 283856	8 daughters	21	7,644	4.7	359
Born, 4-2-39; proved, 6-21-48;----; Wis.	8 dams	38	6,669	5.0	336
Sire, 240722; dam, 468517.	Difference	(4-5-4)	+975	-.3	+23
Herd Owner, H. L. & Lawrence G. Fisher, Valders.					
MAHONING VALLEY RAIDER 300779	9 daughters	16	6,287	5.0	315
Born, 10-17-39; proved, 6-8-48;----; Pa.	8 daughters	14	6,299	5.0	313
Sire, 244600; dam, 606641.	8 dams	19	6,490	4.6	301
Herd Owner, B. B. Crawford, Clymer.	Difference	(3-8-4)	-191	+.4	+12
MAJOR'S LADDIE OF CRIBBSDALE 287702	5 daughters	6	3,721	5.1	191
Born, 6-19-37; proved, 6-8-48;----; Pa.	5 dams	17	4,824	5.0	241
Sire, 220393; dam, 361227.	Difference	(0-3-0)	-1,103	+.1	-50
Herd Owner, John A. Cribbs, Livermore.					
MARYMOOR FAWNBOY 298164	5 daughters	5	9,907	4.4	440
Born, 10-23-40; proved, 6-8-48;----; Wash.	5 dams	9	9,024	4.7	420
Sire, 296317; dam, 475945.	Difference	(3-3-3)	+883	-.3	+20
Herd Owner, O. C. Spencer, Cle Elum.					
MAY'S KING OF PROSPECT HILL 285310	7 daughters	9	8,328	5.0	420
Born, 11-3-39; proved, 6-16-48;----; N.Y.	6 daughters	7	8,306	5.1	424
Sire, 259713; dam, 272601.	6 dams	24	8,170	5.1	417
Herd Owner, LaRue T. Hull, Castile.	Difference	(3-3-4)	+136	.0	+7
MCDONALD FARMS EXCELLENCE 286543	8 daughters	19	8,837	4.7	415
Born, 1-6-39; proved, 6-21-48;----; Pa.	8 dams	31	8,584	4.8	413
Sire, 228214; dam, 384941.	Difference	(4-5-3)	+253	-.1	+2
Herd Owner, Ideal Farms, Kane.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MOBJACK ARCHER 275637	9 daughters	11	6,652	4.9	323
Born, 5-25-38; proved, 6-7-48;----; Va.	8 daughters	9	6,651	4.9	323
Sire, 199862; dam, 467648.	8 dams	16	7,050	4.9	342
Herd Owner, S. H. Bell, Dublin.	Difference	(2-4-2)	-399	.0	-19
MOUND CITY ADMIRAL 318468	11 daughters	12	8,807	5.0	437
Born, 11-9-41; proved, 6-17-48;----; Iowa.	9 daughters	10	8,562	4.9	421
Sire, 276216; dam, 641225.	9 dams	32	8,459	4.6	391
Herd Owner, Kregel & Lange, Garnavillo.	Difference	(4-6-4)	+103	+.3	+30
MUSKEGO WESTERN KING 133973	6 daughters	19	7,104	4.8	338
Born, 11-21-26; proved, 6-3-48;----; Wis.	5 daughters	17	7,462	4.7	354
Sire, 92005; dam, 130458.	5 dams	19	7,305	4.7	344
Herd Owner, George Schwemmer, Mukwonago.	Difference	(3-3-2)	+157	.0	+10
NAKOMA FARM'S NOEL GRENADIER 281730	8 daughters	9	7,273	4.6	332
Born, 10-26-39; proved, 6-16-48;----; N.Y.	7 daughters	8	7,447	4.5	338
Sire, 252156; dam, 447330.	7 dams	19	9,028	4.3	388
Herd Owner, Nakoma Farms, Fairport.	Difference	(1-5-2)	-1,581	+.2	-50
NANCY C.'S ULTRA KING 279308	8 daughters	16	7,576	5.3	401
Born, 5-16-39; proved, 6-18-48; dead; N. J.	7 daughters	15	7,309	5.3	384
Sire, 246996; dam, 355969.	7 dams	32	8,384	4.7	398
Herd Owner, Liptak Brothers, Yardville.	Difference	(1-5-3)	-1,075	+.6	-14
NAN'S GOVERNOR OF OAK ALONE 299176	12 daughters	20	6,955	5.0	350
Born, 2-25-39; proved, 6-14-48;----; Minn.	7 daughters	11	7,146	4.9	353
Sire, 251965; dam, 388106.	7 dams	27	6,224	4.5	280
Herd Owner, Charles P. Webb, Medford.	Difference	(6-6-6)	+922	+.4	+73
NODROG MERRY-ESCORT 268318	6 daughters	8	5,806	4.8	278
Born, 9-20-38; proved, 6-18-48;----; N. Y.	5 daughters	7	5,856	4.9	285
Sire, 223517; dam, 333303.	5 dams	33	7,029	4.9	342
Herd Owner, Dr. Dana R. Scutt, Cuba.	Difference	(1-2-1)	-1,173	.0	-57
ORLANDO'S BERT OF RED RIVER 272678	8 daughters	12	6,376	4.4	278
Born, 11-15-38; proved, 6-4-48;----; Wis.	8 dams	27	7,946	4.6	363
Sire, 216969; dam, 453837.	Difference	(2-3-2)	-1,570	-.2	-85
Herd Owner, W. J. Pamperin, Green Bay.					
PATRICK OF MAPLE LANE FARMS 290426	5 daughters	10	8,390	4.6	382
Born, 2-25-40; proved, 6-21-48;----; Pa.	5 dams	25	6,974	4.0	279
Sire, 234909; dam, 469683.	Difference	(3-5-4)	+1,416	+.6	+103
Herd Owner, K. E. Dieffenbacher, Bloomsburg.					
PINE MANOR KING'S IDEAL 289285	7 daughters	9	6,372	5.1	323
Born,3-23-39; proved, 6-8-48;----; Wis.	7 dams	26	7,241	5.3	383
Sire, 250949; dam, 520571.	Difference	(2-0-2)	-869	-.2	-60
Used in Tri-County A. B. A.					
REVILO BENEFIT 286844	10 daughters	16	7,900	5.1	400
Born, 5-16-40; proved, 6-14-48; dead; Idaho.	9 daughters	15	8,033	5.1	407
Sire, 231281; dam, 390849.	9 dams	23	7,805	4.8	377
Herd Owner, Joseph Dieley, Parma.	Difference	(5-9-7)	+228	+.3	+30
RIDGLYDALE'S SUNNY ALERT 270667	16 daughters	30	8,388	4.8	405
Born, 4-6-38; proved, 6-4-48; dead; Iowa.	12 daughters	26	8,345	4.8	401
Sire, 198651; dam, 422891.	12 dams	57	7,489	4.8	360
Herd Owner, Harold Schuett, Davenport.	Difference	(7-5-9)	+856	.0	+41
RIVEREDGE ALERT'S PRELATE 288290	12 daughters	18	7,821	5.3	413
Born, 3-15-40; proved, 6-21-48;----; Pa.	10 daughters	15	7,841	5.3	414
Sire, 236364; dam, 407766.	10 dams	37	7,624	5.0	382
Herd Owner, John B. Grubb, Bechtelsville.	Difference	(4-8-7)	+217	+.3	+32
SADY'S CRUSADER 293597	9 daughters	15	6,240	5.5	343
Born, 10-16-39; proved, 6-21-48;----; W. Va.	9 dams	51	5,395	4.9	267
Sire, 206347; dam, 503042.	Difference	(6-9-7)	+845	+.6	+76
Herd Owner, W. G. Cushwa, Martinsburg.					
ST. ALBANS IMPROVER'S GIPSY LAD 285729	9 daughters	15	7,044	4.9	347
Born, 10-30-39; proved, 6-8-48; dead; Mo.	6 daughters	10	7,047	4.9	343
Sire, 212938; dam, 607389.	6 dams	8	7,834	5.1	400
Herd Owner, Elmer C. Lahman, Concordia.	Difference	(2-1-2)	-787	-.2	-57
ST. JAMES PHILOSOPHER'S ROYAL 282319	8 daughters	10	8,949	4.7	424
Born, 10-17-39; proved, 6-16-48; alive, Pa.	8 dams	35	9,172	5.0	455
Sire, 187794; dam, 459840.	Difference	(4-4-3)	-223	-.3	-31
Herd Owner, Miss Anne McCormick, Harrisburg.					
SANDY CORSICAN'S FORCEFUL 289308	6 daughters	8	8,087	4.9	399
Born, 1-6-40; proved, 6-15-48;----; Pa.	6 dams	13	8,171	4.5	366
Sire, 225589; dam, 545157.	Difference	(2-4-5)	-84	+.4	+33
Herd Owner, Arthur Dunn, West Sunbury.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SEDGLEY DIPPER'S AMBITION 268612	19 daughters	27	6,537	4.6	302
Born, 10-19-38; proved, 6-4-48;----; Wis.	8 daughters	11	6,433	4.6	295
Sire, 204515; dam, 287947.	8 dams	12	6,801	5.1	346
Herd Owner, Theodore Welles, Rosendale.	Difference	(2-1-1)	-368	-.5	-51
SHERWOOD FOREST ELECTOR 252526	7 daughters	11	9,030	4.3	384
Born, 7-26-37; proved, 6-7-48; alive; Va.	7 dams	32	8,928	4.7	419
Sire, 212058; dam, 389946.	Difference	(4-1-2)	+102	-.4	-35
Herd Owner, Philip W. Murray, Morrison.					
SHERWOOD FOREST HECTOR 241189	11 daughters	17	8,022	4.8	383
Born, 8-4-36; proved, 6-21-48;----; Mo.	8 daughters	13	7,911	4.7	373
Sire, 212058; dam, 421732.	8 dams	20	7,106	4.8	338
Herd Owner, Pevely Dairy Farm, Crescent.	Difference	(6-3-6)	+805	-.1	+35
VALLEY GROVE'S CORONET BOB 287975	15 daughters	16	7,945	4.5	359
Born, 2-28-40; proved, 6-8-48;----; Mich.	7 daughters	7	8,170	4.3	352
Sire, 235599; dam, 522676.	7 dams	9	7,445	4.1	309
Herd Owner, E. E. Price, Fremont.	Difference	(5-4-5)	+725	+.2	+43
VALLEYWOOD VIKING 286827	8 daughters	13	8,742	4.4	381
Born, 4-15-40; proved, 6-7-48;----; Pa.	6 daughters	10	9,404	4.5	421
Sire, 262308; dam, 557334.	6 dams	13	6,202	5.0	309
Herd Owner, Robert S. Knepper, New Kingston.	Difference	(6-1-6)	+3,202	-.5	+112
VALLYVU FOREMOST VALOR 252546	8 daughters	13	7,813	4.7	368
Born, 9-8-37; proved, 6-7-48;----; N. Y.	5 daughters	9	7,708	4.9	376
Sire, 229913; dam, 418366.	5 dams	11	6,927	4.4	302
Herd Owner, Stanley Baker, Lyndonville.	Difference	(3-4-4)	+781	+.5	+74
VALOR'S NOBLE 187183	13 daughters	19	6,931	5.0	348
Born, 5-27-30; proved, 6-3-48;----; Pa.	11 daughters	17	6,743	5.0	338
Sire, 79775; dam, 103973.	11 dams	35	8,282	4.9	404
Herd Owner, C. E. Cassel & Son, Hummelstown.	Difference	(3-7-3)	-1,539	+.1	-66
WYCHMERE FOREMOST SUQUAY 279563	7 daughters	11	8,690	4.5	394
Born, 5-30-39; proved, 6-21-48;----; N. Y.	5 daughters	9	9,224	4.5	414
Sire, 260091; dam, 556608.	5 dams	21	9,595	4.8	456
Herd Owner, Wychmere Farm, Ontario.	Difference	(2-1-2)	-371	-.3	-42
34-C8288 (DHIA EARTAG)	5 daughters	5	7,375	5.1	378
Born, ----; proved, 6-14-48;----; Mich.	5 dams	5	6,844	4.7	325
Sire, ----; dam, ----.	Difference	(4-4-5)	+531	+.4	+53
Herd Owner, Edwin J. Mills & Son, Lakeview.					

HOLSTEIN SIRES

ADMIRAL PRIDE ORMSBY BEECHWOOD 735112	11 daughters	18	9,419	3.5	331
Born, 10-5-35; proved, 6-14-48;----; Wis.	5 daughters	10	10,949	3.6	389
Sire, 698324; dam, 1661615.	5 dams	15	11,455	3.4	389
Herd Owner, Walter L. Marcoe, Van Dyne.	Difference	(2-4-2)	-506	+.2	0
ALTHRO ALCARTRA JOEY 758123	18 daughters	27	11,548	3.6	419
Born, 7-20-37; proved, 6-14-48;----; N. Y.	10 daughters	18	12,099	3.6	437
Sire, 617203; dam, 1691963.	10 dams	39	11,343	3.6	406
Herd Owner, Harry J. Beatty, Kingston.	Difference	(6-6-8)	+756	.0	+31
AMACOY ORMSBY KING 753274	6 daughters	6	9,930	3.4	334
Born, 3-12-37; proved, 6-17-48;----; Wis.	5 daughters	5	10,063	3.3	335
Sire, 654664; dam, 1726957.	5 dams	7	10,371	3.4	357
Herd Owner, Christophe Gourdaux, Holcombe.	Difference	(2-1-2)	-308	-.1	-22
APPLERIDGE ECHO STAR 804399	9 daughters	10	12,911	3.6	466
Born, 2-3-40; proved, 6-21-48; dead; N. Y.	9 dams	30	12,654	3.5	438
Sire, 746480; dam, 1881014.	Difference	(4-7-7)	+257	+.1	+28
Herd Owner, DeWitt G. Crowell, Wallkill.					
ASYLUM FORES ABBEKERK 793149	9 daughters	14	11,773	3.4	406
Born, 8-27-39; proved, 6-16-48;----; Wis.	8 daughters	13	12,044	3.4	411
Sire, 708576; dam, 1328009.	8 dams	47	12,112	3.4	407
Herd Owner, Mrs. Caroline Miller & Son, Brillion.	Difference	(3-5-5)	-68	.0	+4
BASLER PRINCE BEECHWOOD 805366	7 daughters	7	8,423	3.4	286
Born, 12-20-39; proved, 6-22-48;----; Wis.	6 daughters	6	8,577	3.4	295
Sire, 735112; dam, 1872281.	6 dams	6	8,614	3.4	289
Herd Owner, Carl Basler, Oshkosh.	Difference	(3-4-3)	-37	.0	+6
B B AGUAPIA ORMSBY 817132	10 daughters	14	12,504	3.4	422
Born, 9-17-40; proved, 6-4-48; dead; Ariz.	7 daughters	10	12,602	3.4	431
Sire, 743604; dam, 1971213.	7 dams	16	12,590	3.2	407
Herd Owner, C. L. Vizcaya & Sons, Glendale.	Difference	(2-6-4)	+12	+.2	+24

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BESSIE MONTVIC CHIEFTAIN PABST 816529	5 daughters	5	9,640	3.4	329
Born, 8-28-40; proved, 6-22-48;----; Wis.	5 dams	16	9,738	3.5	345
Sire, 733104; dam, 1774310.	Difference	(2-3-3)	-98	-.1	-16
Herd Owner, Clausen Brothers, Kenosha.					
BLEND CARNATION INKA 837860	6 daughters	7	8,491	3.8	321
Born, 12-4-41; proved, 6-22-48;----; Iowa.	6 dams	24	9,361	3.6	334
Sire,784745; dam, 2066627.	Difference	(2-5-2)	-870	+.2	-13
Herd Owner, Lienau & Martin, Waucoma.					
BOLLMAN SIR KORNDYKE ORMSBY 792839	5 daughters	5	12,635	3.4	431
Born, 11-27-39; proved,6-3-48;----; Kans.	5 dams	20	10,303	3.7	382
Sire, 735226; dam, 1754228.	Difference	(4-2-3)	+2,332	-.3	+49
Herd Owner, Raymond W. Bollman, Edna.					
BURNLEY VEEMAN PRINCE 793110	9 daughters	9	9,816	3.5	346
Born, 8-12-37; proved, 6-7-48;----; Va.	7 daughters	7	9,173	3.6	334
Sire, 672221; dam, 1585553.	7 dams	28	8,937	3.8	336
Herd Owner, Mrs. G. E. Fisher & Sons, Gordonsville.	Difference	(5-2-4)	+236	-.2	-2
CARNATION GOVERNOR MUTUAL DE KOL 747116	13 daughters	13	12,882	3.7	477
Born, 5-12-37; proved, 6-18-48; dead; N. Mex.	9 daughters	9	12,912	3.7	479
Sire, 629472; dam, 1165147.	9 dams	17	11,107	3.6	396
Herd Owner, A. G. Simms, Albuquerque.	Difference	(6-7-5)	+1,805	+.1	+83
CARNATION MAXIMUM 737511	26 daughters	33	11,144	3.7	413
Born, 11-9-36; proved, 6-18-48;----; Wash.	5 daughters	5	11,711	3.7	433
Sire, 678142; dam, 1554603.	5 dams	8	11,413	3.3	380
Herd Owner, Ridgeport Dairy, Vancouver.	Difference	(2-5-3)	+298	+.4	+53
CAROLDALE ADMIRAL ORMSBY LASSIE 852464	6 daughters	8	8,552	3.8	328
Born, 3-5-42; proved, 6-10-48;----; Ohio.	5 daughters	6	8,624	3.9	333
Sire, 724521; dam, 1909785.	5 dams	10	7,962	3.9	312
Herd Owner, Bartley Aegerter, Hanoverton.	Difference	(4-3-3)	+662	.0	+21
CASCOMIN SIR DORA JIM 794985	17 daughters	21	10,296	3.3	338
Born, 10-30-39; proved, 6-2-48; dead; Minn.	9 daughters	12	10,328	3.4	348
Sire, 655663; dam, 1594083.	9 dams	19	12,260	3.4	422
Herd Owner, Minn. State Prison Farm, Stillwater.	Difference	(2-6-2)	-1,932	.0	-74
CHEROKEE AUTOCRAT 826660	13 daughters	14	13,629	3.5	479
Born, 6-16-41; proved, 6-9-48; alive; Iowa.	12 daughters	13	13,500	3.5	473
Sire, 747641; dam, 1779385.	12 dams	39	12,458	3.6	443
Herd Owner, State Hospital, Independence.	Difference	(9-5-9)	+1,042	-.1	+30
CHESTERSONS OATIS CAR FASHION 815428	14 daughters	16	11,621	3.5	410
Born, 9-8-40; proved, 6-7-48;----; Iowa.	12 daughters	13	11,180	3.6	400
Sire, 716452; dam, 1343242.	12 dams	36	12,622	3.4	428
Herd Owner, H. C. Jensen, Ringsted.	Difference	(4-10-4)	-1,442	+.2	-28
CLARIDGE STAR LAD IVANHOE 813508	7 daughters	8	10,544	3.6	381
Born, 7-13-40; proved, 6-17-48;----; Maine.	7 dams	14	11,099	3.4	380
Sire, 753870; dam, 1864071.	Difference	(3-5-4)	-555	+.2	+1
Herd Owner, Donald P. Corbett, Waterville.					
CLOVER LAWN EDUCATOR SIR ORMSBY 749282	10 daughters	20	11,884	3.7	434
Born, 3-14-37; proved, 6-17-48;----; Wis.	7 daughters	13	11,584	3.7	428
Sire, 646654; dam, 1807074.	7 dams	7	11,812	3.7	433
Herd Owner, James P. Peterson, Scandinavia.	Difference	(2-5-3)	-228	.0	-5
CREAMELLE DEAN ORMSBY 748177	8 daughters	12	9,724	3.9	379
Born, 12-7-36; proved, 6-17-48;----; Wis.	8 dams	17	11,797	3.7	433
Sire, 541114; dam, 1816258.	Difference	(1-6-2)	-2,073	+.2	-54
Herd Owner, Clarence J. Pester, Whitewater.					
CRESCENT BEAUTY DECLARATION 837971	7 daughters	9	8,557	3.5	304
Born, 12-8-41; proved, 6-22-48;----; Wis.	6 daughters	7	8,590	3.5	301
Sire, 776126; dam, 2242550.	6 dams	11	9,637	3.4	326
Herd Owner, Jacob J. Gruenwald & Son, Monroe.	Difference	(2-4-2)	-1,047	+.1	-25
CRESCENT SPRING INKA CREATOR 753042	7 daughters	8	10,486	3.5	365
Born, 1-16-38; proved, 6-15-48;----; Pa.	7 dams	32	9,279	3.4	318
Sire, 664528; dam, 1381488.	Difference	(5-4-5)	+1,207	+.1	+47
Herd Owner, Kline I. Confer, Salona.					
DEC KING BESSIE SENATOR 802157	7 daughters	7	11,780	3.5	417
Born, 4-13-39; proved, 6-9-48; alive; Minn.	5 daughters	5	10,213	3.6	371
Sire, 667791; dam, 1767923.	5 dams	11	11,258	3.7	420
Herd Owner, Robert F. Olson, Rosemount.	Difference	(2-3-2)	-1,045	-.1	-49
DOE-BELL MAN-O-WAR 747372	8 daughters	11	8,372	3.5	290
Born, 11-21-36; proved, 6-18-48; dead; Iowa.	7 daughters	9	8,283	3.5	292
Sire, 550894; dam, 1555918.	7 dams	19	8,560	3.7	320
Herd Owner, Mrs. E. J. Owens, Iowa Falls.	Difference	(2-2-2)	- 277	-.2	-28

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ECHO-GLEN KING ADMIRAL PONTIAC 830387----------	6 daughters--	9	11,578	3.2	367
Born, 5-3-41; proved, 6-17-48;----; Wis.	6 dams-------	22	11,861	3.7	442
Sire, 783765; dam, 1736321.	Difference---	(4-0-1)	-283	-.5	-75
Herd Owner, Wilbert E. Suemnicht, Waldo.					
EHREDT OLLIE INKA ORMSBY 803219----------	14 daughters-	14	11,284	3.2	366
Born, 11-22-39; proved, 6-7-48;----; Wis.	6 daughters--	6	11,727	3.3	387
Sire, 705177; dam, 1662969.	6 dams-------	8	11,993	3.4	408
Herd Owner, Carl W. Bensen, New Lisbon.	Difference---	(2-3-2)	-266	-.1	-21
ELBRO DARKEY WALKER 749570----------	8 daughters--	12	11,896	3.2	384
Born, 10-9-36; proved, 6-18-48;----; Wis.	6 daughters--	9	11,805	3.2	377
Sire, 97442 CHB; dam, 295397 CHB.	6 dams-------	9	10,155	3.4	342
Herd Owner, Emil Frederick & John Craig, Oconomowoc.	Difference---	(6-1-5)	+1,650	-.2	+35
ELDERHILL MERCEDES HARK 851246----------	5 daughters--	5	9,746	3.5	340
Born, 1-11-42; proved, 6-18-48;----; Iowa.	5 dams-------	16	11,731	3.2	379
Sire, 728026; dam, 1994860.	Difference---	(0-4-0)	-1,985	+.3	-39
Herd Owner, William H. Wilkens, Decorah.					
ELLKAY EMPEROR VALE 813149----------	10 daughters-	11	11,881	3.5	420
Born, 1-18-38; proved, 6-7-48;----; N.Y.	5 daughters--	6	11,991	3.6	432
Sire, 682072; dam, 1637474.	5 dams-------	16	12,320	3.4	422
Herd Owner, Parker Corning Estate, Glenmont.	Difference---	(1-4-3)	-329	+.2	+10
EVERGREEN BELLE CREST ROYAL PANSY 837852----------	7 daughters--	11	7,473	3.7	276
Born, 7-18-40; proved, 6-22-48; dead; Pa.	5 daughters--	8	7,297	3.7	273
Sire, 743197; dam, 1466223.	5 dams-------	13	7,916	3.7	290
Herd Owner, John H. Melchor, Easton.	Difference---	(1-3-1)	-619	.0	-17
FARMGROVE ROYAL CARNATION 747051----------	6 daughters--	12	12,558	3.6	458
Born, 10-8-37; proved, 6-15-48; dead; N. Y.	6 dams-------	24	11,890	3.6	426
Sire, 681394; dam, 1761270.	Difference---	(3-5-4)	+668	.0	+32
Herd Owner, J. & C. Gordon, Lawyersville.					
FEMCO ROYAL 2D 731923----------	15 daughters-	20	10,896	3.7	400
Born, 8-15-36; proved, 6-17-48;----; Wis.	8 daughters--	12	11,185	3.7	417
Sire, 697000; dam, 1418241.	8 dams-------	14	11,231	2.7	421
Herd Owner, Clarence Gale, Sheboygan.	Difference---	(4-4-4)	-46	.0	-4
FIRESTONE INKA FOBES HOMESTEAD 747714----------	7 daughters--	14	12,741	3.5	443
Born, 1-13-37; proved, 6-17-48;----; Ohio.	5 daughters--	12	11,934	3.5	418
Sire, 618435; dam, 1010060.	5 dams-------	10	11,699	3.6	417
Herd Owner, Elbert French, New London.	Difference---	(3-1-3)	+235	-.1	+1
GOODYEAR ILLEHEE ROYAL 816233----------	8 daughters--	9	8,677	3.5	305
Born, 2-26-40; proved, 6-3-48;----; N. Y.	7 daughters--	8	8,381	3.5	295
Sire, 110096 CHB; dam, 310813 CHB.	7 dams-------	16	8,990	3.6	328
Herd Owner, Ralph Davis, Homer.	Difference---	(4-3-3)	-609	-.1	-33
GOVERNOR CARNATION LAD 838393----------	8 daughters--	8	11,658	3.4	399
Born, 3-4-41; proved, 6-22-48; dead; N. Y.	6 daughters--	6	11,263	3.4	387
Sire, 744576; dam, 2004002.	6 dams-------	13	12,112	3.3	395
Herd Owner, Arthur D. Gould, South New Berlin.	Difference---	(2-5-2)	-849	+.1	-8
GRANVILLE COUNT INKA 732894----------	6 daughters--	7	11,766	3.4	398
Born, 1-3-36; proved, 6-17-48;----; N. Y.	5 daughters--	6	11,750	3.5	405
Sire, 580271; dam, 1371864.	5 dams-------	9	12,761	3.5	444
Herd Owner, William J. Summerville & Son, Fulton.	Difference---	(2-3-2)	-1,011	.0	-39
GREENWOOD ADMIRAL ORMSBY 813335----------	8 daughters--	12	12,541	3.6	455
Born, 9-30-39; proved, 6-16-48;----; Pa.	6 daughters--	10	12,300	3.7	452
Sire, 671272; dam, 1693053.	6 dams-------	20	13,346	3.8	505
Herd Owner, D. Q. Adams, Mifflintown.	Difference---	(2-2-2)	-1,046	-.1	-53
GREENWOOD DEAN DELLA 845971----------	13 daughters-	17	10,760	3.5	372
Born, 2-8-41; proved, 6-10-48;----; Pa.	5 daughters--	7	11,047	3.4	380
Sire, 769435; dam, 1588240.	5 dams-------	23	10,519	3.6	374
Herd Owner, Frank Butz, Bangor.	Difference---	(4-1-3)	+528	-.2	+6
GREENWOOD PLAYBOY 832685----------	9 daughters--	14	11,987	3.5	415
Born, 12-21-40; proved, 6-3-48; dead; Pa.	9 dams-------	27	12,409	3.4	423
Sire, 769435; dam, 1961056.	Difference---	(5-5-5)	-422	+.1	-8
Herd Owner, E. E. Brubaker, Christiana.					
HAMER CHIEFTAIN MODEL (TWIN) 816451----------	6 daughters--	7	13,854	3.9	542
Born, 3-24-40; proved, 6-18-48;----; Minn.	5 daughters--	6	14,601	3.9	572
Sire, 749574; dam, 1960373.	5 dams-------	9	13,093	3.7	484
Herd Owner, Andrews Nursery Co., Faribault.	Difference---	(2-3-3)	+1,508	+.2	+88
HAMER DE KOL POSCH BURKE 839055----------	6 daughters--	6	13,868	3.7	512
Born, 11-1-41; proved, 6-22-48;----; Iowa.	5 daughters--	5	13,318	3.7	488
Sire, 749574; dam, 2239676.	5 dams-------	13	11,530	3.4	396
Herd Owner, Floyd G. Wessel, New Hartford.	Difference---	(4-4-4)	+1,788	+.3	+92

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HAMER MODEL CHIEFTAIN 804470----------	9 daughters--	10	12,011	3.6	430
Born, 11-3-39; proved, 6-21-48;----; Iowa.	9 dams-------	34	12,101	3.4	406
Sire, 749574; dam, 1939653.	Difference---	(4-7-6)	-90	+.2	+24
Herd Owner, O. L. Hamer & Son, Waterloo.					
HAWTHORN BESSIE SUPREME 815272----------	9 daughters--	9	14,307	3.5	501
Born, 10-1-40; proved, 6-18-48;----; Ill.	6 daughters--	6	14,852	3.4	504
Sire, 763867; dam, 2034968.	6 dams-------	7	11,371	3.8	434
Herd Owner, Louis Lauffer, Mokena.	Difference---	(6-1-5)	+3,481	-.4	+70
HIGHPAld CHAN ORMSBY WAYNE 748231----------	5 daughters--	12	12,837	3.6	464
Born, 8-28-37; proved, 6-18-48;----; Minn.	5 dams-------	15	12,712	3.5	442
Sire, 705140; dam, 1639669.	Difference---	(4-4-4)	+125	+.1	+22
Herd Owner, George L. Quist & Son, Lafayette.					
HILLSBORO CHIEF ALICE ORMSBY 811601----------	11 daughters-	13	12,117	3.8	463
Born, 10-24-40; proved, 6-14-48;----; Wis.	8 daughters--	10	12,062	3.9	469
Sire, 748439; dam, 1957541.	8 dams-------	19	10,305	3.5	365
Herd Owner, Dr. Joe Kler, New Brunswick, N.J.	Difference---	(6-7-7)	+1,757	+.4	+104
HURLWOOD HENGERVELD MAJOR 734176----------	12 daughters-	15	10,451	3.6	379
Born, 11-22-35; proved, 6-15-48;----; Conn.	7 daughters--	8	11,118	3.6	399
Sire, 405459; dam, 1470635.	7 dams-------	16	11,178	3.4	384
Herd Owner, A. Anderson & Son, Morris.	Difference---	(2-4-4)	-60	+.2	+15
ILLINI CANARY ILLADOGA AGNATE 748932----------	6 daughters--	7	12,936	3.7	477
Born, 10-6-37; proved, 6-18-48;----; Ill.	5 daughters--	6	12,282	3.7	453
Sire, 700089; dam, 1803812.	5 dams-------	9	13,016	3.6	473
Herd Owner, Chester D. Rasmusen, Millington.	Difference---	(1-3-2)	-734	+.1	-20
IOLANTE SEGIS ORMSBY INKA ELDON 830667----------	5 daughters--	5	12,834	3.5	453
Born, 8-13-41; proved, 6-8-48;----; Iowa.	5 dams-------	5	13,830	3.3	453
Sire, 651541; dam, 2015263.	Difference---	(2-5-2)	-996	+.2	0
Herd Owner, Harold B. Sutton, Shell Rock.					
IOWANA ORMSBY PRINCESS LAD (TWIN) 852725----------	15 daughters-	16	14,572	3.6	530
Born, 4-19-42; proved, 6-18-48;----; Ohio.	12 daughters-	13	14,797	3.6	538
Sire, 769948; dam, 1826870.	12 dams------	24	12,513	3.5	432
Herd Owner, Chris. Boerger & Sons, Marysville.	Difference---	(7-8-9)	+2,284	+.1	+106
ISLAND CITY KING PONTIAC ECHO FOBES 828421----------	11 daughters-	14	11,496	3.4	394
Born, 3-19-41; proved, 6-17-48;----; Mich.	11 dams------	22	9,514	3.4	327
Sire, 667754; dam, 1609286.	Difference---	(9-7-9)	+1,982	.0	+67
Herd Owner, Miller's Dairy Farms, Eaton Rapids.					
JOHANNA BONHEUR DELLA ORMSBY 748944----------	7 daughters--	7	14,488	3.4	487
Born, 3-28-37; proved, 6-18-48;----; Wis.	5 daughters--	5	14,676	3.3	489
Sire, 667254; dam, 1593120.	5 dams-------	15	13,513	3.3	445
Herd Owner, Leo Peron, Eden.	Difference---	(3-3-3)	+1,163	.0	+44
JOHANNES ORMSBY BEECHWOOD FOBES 803893----------	5 daughters--	10	9,036	3.7	331
Born, 4-6-40; proved, 6-21-48;----; Wis.	5 dams-------	13	10,545	3.6	377
Sire, 694224; dam, 1724675.	Difference---	(1-4-1)	-1,509	+.1	-46
Herd Owner, Paul Kappelman, Two Rivers.					
KING AAGGIE MERCEDES PONTIAC 746751----------	6 daughters--	6	13,569	3.0	411
Born, 12-23-36; proved, 6-18-48;----; Wis.	6 dams-------	16	11,525	3.1	356
Sire, 694206; dam, 1473737.	Difference---	(6-3-5)	+2,044	-.1	+55
Herd Owner, Arthur E. Meythaler, Woodford.					
KING BESSIE KORNDYKE ORMSBY FOBES 775264----------	10 daughters-	10	11,227	3.6	404
Born, 2-22-39; proved, 6-8-48;----; Wis.	7 daughters--	7	11,574	3.6	422
Sire, 667791; dam, 1343627.	7 dams-------	18	10,761	3.9	424
Used in Minnesota A. B. A., Minn.	Difference---	(4-3-5)	+813	-.3	-2
KING HENGERVELD MAY CLOVER LAWN 746372----------	8 daughters--	10	11,617	3.5	412
Born, 11-2-36; proved, 6-14-48;----; Wis.	8 dams-------	32	11,867	3.2	384
Sire, 695849; dam, 1691797.	Difference---	(3-7-6)	-250	+.3	+28
Herd Owner, John W. Cox, Omro.					
KING JESSIE HOMESTEAD PROSPECTOR 817506----------	6 daughters--	8	12,923	3.4	443
Born, 4-25-40; proved, 6-16-48;----; Ohio	6 dams-------	13	14,461	3.3	472
Sire, 663351; dam, 1621176.	Difference---	(1-4-2)	-1,538	+.1	-29
Herd Owner, Melvin R. Zimmerly, Bluffton.					
KING PIEBE OF YORK SEGIS BOY-JUNIOR 736148----------	5 daughters--	9	10,759	3.5	372
Born, 2-17-37; proved, 6-18-48;----; N. Y.	5 dams-------	16	9,762	3.6	353
Sire, 588413; dam, 1717482.	Difference---	(4-0-3)	+997	-.1	+19
Herd Owner, Gordon Tarbell Farm, Rushford.					
KING PONTIAC PELL OF FAIROAKS 737521----------	18 daughters-	20	12,172	3.4	413
Born, 2-21-36; proved, 6-18-48;----; Okla.	7 daughters--	7	12,395	3.4	425
Sire, 704999; dam, 1725498.	7 dams-------	22	11,782	3.3	387
Herd Owner, Central Oklahoma State Hospital, Norman.	Difference---	(3-5-5)	+613	+.1	+38

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING PRIDE HOMESTEAD ORMSBY 711320	15 daughters	18	11,786	3.5	414
Born, 2-26-35; proved, 6-3-48;----; Wis.	11 daughters	12	11,577	3.4	395
Sire, 676485; dam, 1544180.	11 dams	30	12,180	3.5	421
Herd Owner, Charles Hughes & Son, Neenah.	Difference	(4-6-6)	-603	-.1	-26
KORNDYKE SEGIS HARTOG ORMSBY 829647	6 daughters	10	9,725	3.8	369
Born, 4-15-41; proved, 6-17-48;----; Pa.	6 dams	16	11,477	3.4	389
Sire, 741488; dam, 1975625.	Difference	(0-6-2)	-1,752	+.4	-20
Herd Owner, Russell F. Bower, Shippensburg.					
KORNDYKE TRIUNE ORMSBY CREATOR 831717	12 daughters	16	10,667	3.7	395
Born, 10-10-40; proved, 6-14-48;----; Minn.	8 daughters	11	10,577	3.8	398
Sire, 746865; dam, 2041885.	8 dams	25	12,283	3.6	443
Herd Owner, L. H. Poppe & Sons, Good Thunder.	Difference	(1-7-1)	-1,706	+.2	-45
LAKEFIELD SIR PIETS JEWEL 732742	5 daughters	9	13,297	3.4	453
Born, 4-26-36; proved, 6-17-48;----; Mich.	5 dams	17	12,538	3.2	398
Sire, 674622; dam, 1648283.	Difference	(2-5-4)	+759	+.2	+55
Herd Owner, Otis Tripp, Shepherd.					
MAAS KORNDYKE CREAMELLE 806243	6 daughters	7	13,047	3.3	434
Born, 9-19-40; proved, 6-22-48;----; Wis.	6 dams	23	11,703	3.2	377
Sire, 714162; dam, 1870393.	Difference	(5-3-5)	+1,344	+.1	+57
Herd Owner, James Kile & George Krajeck, Evansville.					
MAJESTY ORMSBY DAISY 832228	7 daughters	8	9,983	3.7	369
Born, 1-24-41; proved, 6-7-48;----; Minn.	6 daughters	7	10,125	3.7	375
Sire, 771582; dam, 2105212.	6 dams	20	10,731	3.6	386
Herd Owner, Lester H. Pierson, Truman.	Difference	(3-5-2)	-606	+.1	-11
MAJOR TRIUNE HOMESTEAD INKA (TWIN) 737320	6 daughters	7	7,861	3.6	280
Born, 6-17-36; proved, 6-14-48;----; Minn.	6 dams	20	10,4[illegible]	3.3	345
Sire, 552844; dam, 1614392.	Difference	(1-6-1)	-2,6[illegible]	+.3	-65
Herd Owner, Arnold R. Martig, Dodge Center.					
MATADOR SEGIS ORMSBY 25TH 734508	12 daughters	31	12,617	3.5	447
Born, 4-8-36; proved, 6-21-48;----; Ill.	7 daughters	17	13,018	3.4	447
Sire, 396511; dam, 1331666.	7 dams	15	12,115	3.7	450
Herd Owner, Mooseheart Farm, Batavia.	Difference	(5-2-3)	+903	-.3	-3
MCDONOGH LIEUTENANT 731994	7 daughters	14	10,676	3.4	367
Born, 1-10-36; proved, 6-17-48;----; Md.	6 daughters	12	10,705	3.4	369
Sire, 705209; dam, 1628995.	6 dams	27	10,928	3.5	378
Herd Owner, University of Maryland, College Park.	Difference	(3-4-3)	-223	-.1	-9
M F SIR ANTHONY TRANSMISSION 830910	7 daughters	8	9,310	3.8	350
Born, 9-6-41; proved, 6-9-48; dead; N. Y.	5 daughters	5	9,452	3.8	355
Sire, 701204; dam, 1906745.	5 dams	5	11,436	3.5	402
Herd Owner, Kenneth A. Van Wormer, Mannsville.	Difference	(1-5-2)	-1,984	+.3	-47
MILLMAUR KOOKEE STEUBEN 801119	5 daughters	7	11,653	3.3	379
Born, 1-13-40; proved, 6-21-48;----; N. Y.	5 dams	16	11,692	3.6	421
Sire, 750304; dam, 2130874.	Difference	(2-1-2)	-39	-.3	-42
Herd Owner, S. J. Reynolds, Clinton Corners.					
MT HERMON DAD ORMSBY 752961	15 daughters	17	11,331	3.4	383
Born, 12-9-36; proved, 6-18-48;----; Mass.	15 dams	55	11,493	3.2	369
Sire, 695389; dam, 1657369.	Difference	(5-11-9)	-162	+.2	+14
Herd Owner, Northfield Seminary, East Northfield.					
NORTH STAR BELL BOY 850713	7 daughters	7	13,874	3.9	539
Born, 3-9-42; proved, 6-22-48;----; Minn.	7 dams	20	10,046	3.7	376
Sire, 742938; dam, 1990025.	Difference	(7-7-7)	+3,828	+.2	+163
Herd Owner, Alfred H. Hjermstad, Zumbrota.					
OAK BROOK KING ORMSBY ALCARTRA 800438	8 daughters	15	11,024	3.8	415
Born, 1-30-39; proved, 6-21-48; dead; N. Y.	5 daughters	9	11,088	3.7	410
Sire, 701825; dam, 1515589.	5 dams	8	12,326	3.6	438
Herd Owner, Wilbur Bush, Worcester.	Difference	(2-4-2)	-1,238	+.1	-28
OAK CRESS JOH PIEBE LYONS 814722	8 daughters	8	9,109	3.8	342
Born, 5-30-40; proved, 6-3-48; dead; Pa.	7 daughters	7	9,067	3.7	337
Sire, 703610; dam, 1860196.	7 dams	24	10,991	3.6	391
Herd Owner, Elmer Embick, Loganton.	Difference	(1-5-1)	-1,924	+.1	-54
OAKDALE ALBAN ORMSBY DICTATOR 791428	13 daughters	18	12,052	3.8	457
Born, 10-25-39; proved, 6-7-48; dead; Iowa.	6 daughters	9	11,675	3.8	441
Sire, 692526; dam, 1558577.	6 dams	12	12,236	3.9	472
Herd Owner, Mancryco Farms, Manning.	Difference	(1-3-2)	-561	-.1	-31
OAKDALE TRITOMIA SIR BESS 747641	8 daughters	14	9,751	3.6	354
Born, 8-14-37; proved, 6-16-48; dead; Iowa.	6 daughters	11	9,568	3.6	349
Sire, 547020; dam, 1380289.	6 dams	19	12,414	3.5	428
Herd Owner, State Sanatorium, Oakdale.	Difference	(1-5-1)	-2,846	+.1	-79

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OOSTIE FEMCO ORMSBY 852405	7 daughters	9	12,434	3.5	441
Born, 9-12-41; proved, 6-16-48;----; Wis.	5 daughters	6	11,776	3.6	424
Sire, 790424; dam, 2071716.	5 dams	14	9,233	3.7	339
Herd Owner, Hiram Larson, West Bend.	Difference	(4-3-4)	+2,543	-.1	+85
ORIOLE HOME ORMSBY SENSATION 806272	8 daughters	14	10,603	3.3	347
Born, 5-7-40; proved, 6-18-48;----; Wis.	8 dams	35	10,338	3.3	337
Sire, 684341; dam, 1649614.	Difference	(5-4-6)	+265	.0	+10
Herd Owner, Harley Jaeger, Watertown.					
ORMSBY FAYNE HARTOG PIEBE 752706	8 daughters	26	10,492	3.7	383
Born, 8-14-37; proved, 6-15-48;----; Pa.	8 dams	43	11,314	3.4	387
Sire, 706640; dam, 1604473.	Difference	(2-8-2)	-822	+.3	-4
Herd Owner, Albert F. Kost, Carlisle.					
ORMSBY HAZELWOOD MELISSA EMPEROR 813278	7 daughters	10	14,510	3.5	508
Born, 11-23-40; proved, 6-9-48; alive; Ky.	6 daughters	9	14,167	3.5	500
Sire, 715381; dam, 1622945.	6 dams	17	11,389	3.3	378
Herd Owner, John E. Kalmey, Valley Station.	Difference	(6-6-6)	+2,778	+.2	+122
OTTO HAYDEN 837480	5 daughters	6	8,238	3.6	293
Born, 12-6-41; proved, 6-22-48;----; Wis.	5 dams	20	10,101	3.6	364
Sire, 812993; dam, 2177618.	Difference	(1-3-1)	-1,863	.0	-71
Herd Owner, Lester Hensler & Hayden Canniff, Juneau.					
PABST BARTA BELMONT CASCADER 839310	5 daughters	5	14,366	3.6	516
Born, 11-22-41; proved, 6-18-48;----; Minn.	5 dams	11	13,236	3.7	484
Sire, 761980; dam, 2012714.	Difference	(3-2-4)	+1,130	-.1	+32
Herd Owner, A. L. Kiester & Sons, Fairmont.					
PABST BARTA ORMSBY 839319	6 daughters	6	11,531	3.5	405
Born, 1-1-42; proved, 6-17-48;----; Wis.	6 dams	23	10,336	3.4	353
Sire, 761980; dam, 2020462.	Difference	(6-3-6)	+1,195	+.1	+52
Herd Owner, M. J. Condon & H. D. Paris, Brodhead.					
PEBBLE BEACH CHIEFTAIN AAGGIE 831340	10 daughters	11	9,743	3.7	359
Born, 8-12-41; proved, 6-4-48; alive; N. Y.	10 dams	39	9,578	3.4	327
Sire, 695631; dam, 2103886.	Difference	(5-9-5)	+165	+.3	+32
Herd Owner, Roy B. Lane, Franklinville.					
PEERLESS ORMSBY CHIEFTAIN 748055	13 daughters	25	10,994	3.4	371
Born, 10-24-36; proved, 6-17-48;----; Minn.	9 daughters	16	11,843	3.3	393
Sire, 697637; dam, 1518410.	9 dams	41	11,293	3.5	392
Herd Owner, Herman Heckman & Son, St. James.	Difference	(4-2-4)	+550	-.2	+1
PENSTATE JOAB INKA KING 856981	5 daughters	5	13,236	3.8	506
Born, 9-16-42; proved, 6-18-48;----; Pa.	5 dams	14	12,648	3.7	466
Sire, 760723; dam, 1915870.	Difference	(3-5-4)	+588	+.1	+40
Herd Owner, Berwick Creamery Farm, Nescopeck.					
PENSTATE VEEMAN PLUM 735354	10 daughters	17	10,770	3.1	333
Born, 12-27-36; proved, 6-15-48;----; Pa.	7 daughters	12	10,909	3.2	347
Sire, 441009; dam, 1297830.	7 dams	14	13,938	3.4	480
Herd Owner, J. M. & L. L. Steffy, Dayton.	Difference	(1-3-0)	-3,029	-.2	-133
PERFECTION VALENTINE HAZELWOOD 803677 *(Oct. 1947)	14 daughters	24	10,323	3.6	372
Born, 11-18-39; proved, 6-8-48; dead; Colo.	14 dams	32	11,619	3.5	407
Sire, 758411; dam, 1773000.	Difference	(6-7-6)	-1,296	+.1	-35
Herd Owner, Herman Rosenbrock, Brighton.					
PIKES PEAK SIR ORMSBY CHANGE MAT 789725	24 daughters	36	15,173	3.6	545
Born, 10-10-39; proced, 6-16-48; alive; Utah.	22 daughters	34	15,155	3.6	541
Sire, 739441; dam, 1845239.	22 dams	38	12,451	3.7	460
Herd Owner, Welby W. Young, Heber.	Difference	(17-9-17)	+2,704	-.1	+81
PINEHURST JULIANA EMBLEM 734668	7 daughters	8	11,085	3.4	381
Born, 5-18-36; proved, 6-17-48;----; Wis.	7 dams	13	11,777	3.4	397
Sire, 698322; dam, 1222921.	Difference	(3-6-4)	-692	.0	-16
Herd Owner, Benno J. Meyer, Elkhart Lake.					
PINEHURST VICKERY DUKE FOBES 829664	5 daughters	8	8,597	3.7	315
Born, 4-2-40; proved, 6-8-48;----; Wis.	5 dams	20	9,126	3.6	327
Sire, 723901; dam, 1933406.	Difference	(2-2-1)	-529	+.1	-12
Herd Owner, Charles F. Dineen, Cedarburg.					
PRINCE BETTY ADMIRAL FOBES 734421	5 daughters	5	10,896	3.4	365
Born, 2-2-36; proved, 6-15-48;----; Wis.	5 dams	17	10,978	3.6	399
Sire, 612633; dam, 1523263.	Difference	(3-1-1)	-82	-.2	-34
Herd Owner, E. H. Zobel & R. Beny, Green Lake.					
PRINCE CREAMELLE POSCH VICTOR 839590	6 daughters	10	9,834	3.5	341
Born, 2-21-40; proved, 6-22-48; dead; N. Y.	5 daughters	8	9,645	3.5	338
Sire, 758506; dam, 1807348.	5 dams	21	11,580	3.6	414
Herd Owner, Fred Henkle, Sauquoit.	Difference	(1-2-1)	-1,935	-.1	-76

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PRINCE MERCEDES PONTIAC ORMSBY 852620----------	9 daughters--	11	11,940	3.3	397
Born, 3-6-42; proved, 6-3-48;----; N. Y.	9 dams-------	19	11,764	3.4	398
Sire, 804493; dam, 2089337.	Difference---	(4-5-4)	+176	-.1	-1
Herd Owner, Marshall F. Warriner & Son, Greenwood.					
RAG APPLE PEARL DOWNEASTER 853213----------	8 daughters--	9	8,584	3.6	306
Born, 6-20-41; proved, 6-10-48; dead; Iowa.	6 daughters--	7	8,456	3.6	305
Sire, 795235; dam, 1544178.	6 dams-------	17	10,103	3.6	362
Herd Owner, William P. Senger & Son, South English.	Difference---	(1-5-2)	-1,647	.0	-57
RINKLAND BELCADE DEWDROP 838899----------	5 daughters--	6	12,116	3.6	440
Born, 6-20-41; proved, 6-22-48;----; Mich.	5 dams-------	22	11,165	3.6	399
Sire, 769920; dam, 1955607.	Difference---	(3-4-3)	+951	.0	+41
Herd Owner, Philip Doherty & Sons, Brown City.					
RIVERFLAT SIR JEWEL POSCH 826539----------	6 daughters--	6	8,952	3.6	326
Born, 4-22-41; proved, 6-4-48;----; N.Y.	5 daughters--	5	8,903	3.6	325
Sire, 783026; dam, 1455751.	5 dams-------	18	11,308	3.8	425
Herd Owner, Paul Houck & Son, Nedrow.	Difference---	(1-2-0)	-2,405	-.2	-100
ROSE KNOLL KORNDYKE DON 849883----------	9 daughters--	14	11,825	3.5	411
Born, 3-5-41; proved, 6-4-48; dead; Minn.	8 daughters--	12	12,045	3.5	418
Sire,800078; dam, 1923278.	8 dams-------	11	10,245	3.6	373
Herd Owner, C. Elliot Moody, Butterfield.	Difference---	(6-2-6)	+1,800	-.1	+45
ROSNI VEEMAN VALE BESS BURKE 3D 782790----------	10 daughters-	15	12,050	3.4	410
Born, 7-24-39; proved, 6-9-48;----; Va.	6 daughters-	8	12,031	3.4	404
Sire, 722301; dam, 1795661.	6 dams------	13	12,198	3.4	418
Herd Owner, Mrs. Frank S. Walker, Orange.	Difference---	(4-2-3)	-167	.0	-14
ST J O THORP ROYAL ORMSBY SNOWBALL 782844----------	14 daughters-	18	10,245	3.3	335
Born, 5-29-39; proved, 6-4-48; dead; Minn.	10 daughters-	13	10,761	3.3	352
Sire, 693751; dam, 1741412.	10 dams------	18	10,144	3.3	337
Used in Floodwood Co-op. Creamery A. B. A.	Difference---	(6-6-6)	+617	.0	+15
ST L KING VELVET BESSIE 735493----------	13 daughters-	17	11,260	3.5	392
Born, 11-21-36; proved, 6-15-48; dead; Minn.	6 daughters--	7	9,823	3.6	350
Sire, 676482; dam, 1550237.	6 dams-------	15	10,827	3.7	398
Herd Owner, Ralph Hackett, Foley.	Difference---	(2-4-2)	-1,004	-.1	-48
SHIAWANA GRANDMASTER 831073----------	12 daughters-	14	16,057	3.5	570
Born, 5-8-41; proved, 6-17-48;----; Mich.	8 daughters--	10	15,877	3.6	574
Sire, 732743; dam, 1818152.	8 dams-------	18	13,544	3.1	425
Herd Owner, Ernie E. Knight, Elsie.	Difference---	(7-7-8)	+2,333	+.5	+149
SILVERLEA WAYNE ORMSBY MASTER 833665----------	8 daughters--	13	11,922	3.8	456
Born, 5-29-41; proved, 6-4-48;----; Mich.	8 dams-------	26	12,116	3.5	423
Sire, 738767; dam, 1930464.	Difference---	(4-8-7)	-194	+.3	+33
Herd Owner, Claude A. Zimmerman, Ortonville.					
SIR BESSIE ORMSBY KORNDYKE RAYSTRA 752206----------	16 daughters-	17	6,736	3.6	241
Born, 12-19-37; proved, 6-18-48;----; N. Y.	13 daughters-	14	6,834	3.6	244
Sire, 652272; dam, 1651894.	13 dams------	31	9,139	3.4	308
Herd Owner, Leon Benjamin, Cuba.	Difference---	(3-11-3)	-2,305	+.2	-64
SIR MATADOR PONTIAC MERCEDES 736395----------	20 daughters-	42	10,316	3.6	374
Born, 5-5-36; proved, 6-8-48;----; Colo.	12 daughters-	27	10,205	3.7	377
Sire, 560606; dam, 1373349.	12 dams------	21	11,438	3.5	404
Herd Owner, Herman Rosenbrock, Brighton.	Difference---	(3-9-3)	-1,233	+.2	-27
SIR PIETERTJE CRUSADER 749730----------	11 daughters-	17	10,378	3.3	345
Born, 8-8-36; proved, 6-21-48;----; Iowa.	6 daughters--	10	11,507	3.2	371
Sire, 662763; dam, 1862499.	6 dams-------	8	11,701	3.2	371
Herd Owner, August A. Buhr, Sumner.	Difference---	(4-5-4)	-194	.0	0
SIR PIETERTJE LILLIE TRIUNE 733605----------	18 daughters-	48	12,554	3.4	430
Born, 5-20-36; proved, 6-18-48;----; Minn.	12 daughters-	32	12,216	3.5	426
Sire, 672274; dam, 1630434.	12 dams------	19	13,542	3.5	475
Herd Owner, Gustafson Brothers, Maple Plain.	Difference---	(3-7-3)	-1,326	.0	-49
SIR WARNERBELL BONHEUR PIEBE 806212----------	7 daughters--	7	10,769	4.1	439
Born, 2-20-39; proved, 6-18-48;----; Wis.	6 daughters--	6	10,990	4.0	443
Sire, 703423; dam, 2121023.	6 dams-------	21	10,638	3.6	386
Herd Owner, W. A. O'Keefe, Waunakee.	Difference---	(3-5-4)	+352	+.4	+57
SIR WIMBLEDON PIEBE STORRS 753333----------	7 daughters--	10	8,231	3.2	260
Born, 2-18-36; proved, 6-17-48;----; Md.	5 daughters--	8	9,403	3.2	299
Sire, 686121; dam, 1296878.	5 dams-------	8	11,238	3.1	348
Herd Owner, Erson R. Leaverton, Queenstown.	Difference---	(0-3-1)	-1,835	+.1	-49
STANLEY POSCH PONTIAC 783951----------	11 daughters-	13	9,271	3.6	330
Born, 6-6-39; proved, 6-16-48;----; Maine.	9 daughters--	9	8,977	3.5	313
Sire, 699101; dam, 1771553.	9 dams-------	13	8,837	3.4	297
Herd Owner, E. G. Stone, Garland.	Difference---	(5-6-6)	+140	+.1	+16

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
STRATHMORE MATCHLESS SUPREME 608221----------	14 daughters-	47	11,219	3.3	370
Born, 1-6-29; proved, 6-3-48;----; N. Y.	11 daughters-	41	10,729	3.4	362
Sire, 48759 CHB; dam, 116183 CHB.	11 dams------	32	13,127	3.2	426
Herd Owner, Robert C. Church, Baldwinsville.	Difference---	(1-9-3)	-2,398	+.2	-64
TAYCHEEDAH HOMESTEAD GRAHAMHOLM 747591----------	7 daughters--	11	8,459	3.5	299
Born, 5-18-37; proved, 6-16-48;----; Wis.	6 daughters--	10	8,750	3.5	306
Sire, 518277; dam, 1188015.	6 dams-------	13	11,642	3.4	398
Herd Owner, Vincent Sieker, Manitowoc.	Difference---	(1-2-1)	-2,892	+.1	-92
THISTLE HILL MASTER DE KOL 828330----------	8 daughters--	13	12,642	3.5	445
Born, 11-1-40; proved, 6-7-48;----; N. Y.	7 daughters--	11	12,392	3.5	435
Sire, 727609; dam, 2028957.	7 dams-------	19	11,166	3.6	406
Herd Owner, Nelson Parslow, Blenhiem.	Difference---	(7-3-4)	+1,226	-.1	+29
THREE-PLY CHIEF NINE-O-FIVE PRIDE G C W 830324----------	11 daughters-	14	10,104	3.7	370
Born, 4-20-41; proved, 6-7-48;----; Pa.	11 dams------	48	12,134	3.3	404
Sire, 738441; dam, 2115379.	Difference---	(1-11-3)	-2,030	+.4	-34
Herd Owner, James S. Cornell, Blairsville.					
TONCANIA JOHANNA RESERVE 815473----------	9 daughters--	13	11,454	3.5	401
Born, 11-3-40; proved, 6-8-48; dead;Pa.	7 daughters--	9	11,906	3.5	414
Sire, 781482; dam, 1573848.	7 dams-------	10	11,075	3.6	398
Herd Owner, Albert Clark, Canton.	Difference---	(5-1-5)	+831	-.1	+16
TRUMPY PIETERTJE PRIDE 833364----------	6 daughters--	6	12,466	3.5	438
Born, 9-29-40; proved, 6-8-48; dead; Wis.	5 daughters--	5	12,433	3.5	438
Sire, 646336; dam, 1476540.	5 dams-------	16	10,212	3.7	377
Herd Owner, Frank Trumpy, Clarno.	Difference---	(5-2-4)	+2,221	-.2	+61
USNAD POSCH MAGNET 760986----------	17 daughters-	35	11,538	3.3	384
Born, 3-2-38; proved, 6-15-48;----; Md.	8 daughters-	17	10,910	3.4	372
Sire, 608760; dam, 1593546.	8 dams------	16	11,542	3.3	384
Herd Owner, Alvin Edwards & Son, Ridgely.	Difference---	(3-5-5)	-632	+.1	-12
VAN HOOSEN K B O P 509 842876----------	8 daughters--	9	14,395	3.5	510
Born, 12-5-41; proved, 5-18-48;----; Mich.	5 daughters--	6	13,545	3.6	484
Sire, 652274; dam, 1886136.	5 dams-------	7	10,983	3.5	386
Used in Indiana A. B. A., Ind.	Difference---	(4-3-4)	+2,562	+.1	+98
WEBER BURKE DENNIE 792526----------	13 daughters-	13	10,083	3.5	353
Born, 1-1-40; proved, 6-4-48;----; Utah.	7 daughters--	7	10,334	3.4	355
Sire, 697789; dam, 1872850.	7 dams-------	24	10,645	3.3	355
Herd Owner, Heber C. Gibson & Sons, West Weber.	Difference---	(5-5-3)	-311	+.1	0
WEBER HOMESTEAD PINKY LAD 734311----------	13 daughters-	15	10,364	3.4	350
Born, 2-17-36; proved, 6-17-48;----; Utah.	5 daughters--	6	9,422	3.5	329
Sire, 696361; dam, 1733746.	5 dams-------	12	11,235	3.4	377
Herd Owner, Merrill Peterson & Harold Taylor, Farr West.	Difference---	(1-5-1)	-1,813	+.1	-48
WHIRLHILL SENATOR RAG APPLE POSCH 830269----------	16 daughters-	17	12,704	3.5	444
Born, 1-18-41; proved, 6-16-48; alive; N. Y.	11 daughters-	12	12,722	3.5	447
Sire, 715568; dam, 1517313.	11 dams------	29	11,636	3.5	408
Herd Owner, Lawrence Brothers, Binghamton.	Difference---	(8-6-7)	+1,086	.0	+39
WHITE CLOUD HOMESTEAD RAG APPLE 852208----------	10 daughters-	10	14,767	3.5	521
Born, 9-29-41; proved, 6-18-48; alive; N. Y.	10 dams------	35	12,431	3.4	425
Sire, 778700; dam, 2039974.	Difference---	(8-8-9)	+2,336	+.1	+96
Herd Owner, Henry Theisman, East Concord.					
WINOLA SEGIS JIM 770749----------	10 daughters-	33	8,822	3.6	316
Born, 10-25-37; proved, 6-9-48; dead; Pa.	5 daughters--	17	8,968	3.6	325
Sire, 715293; dam, 1656788.	5 dams-------	12	9,177	3.3	307
Herd Owner, J. V. White, Clarks Summit.	Difference---	(1-4-3)	-209	+.3	+18
WINTERTHUR GREAT POSCH RIDEL 731346----------	13 daughters-	22	12,963	3.7	475
Born, 1-18-36; proved, 6-18-48; dead; Del.	5 daughters--	9	12,650	3.6	457
Sire, 500000; dam, 1545978.	5 dams-------	7	14,141	3.6	507
Herd Owner, Levis Phipps, Wilmington.	Difference---	(2-2-1)	-1,491	.0	-50
WIS MENDOTA EDEL FAYNE 752876----------	11 daughters-	14	11,079	3.5	388
Born, 12-30-37; proved, 6-17-48;----; Wis.	10 daughters-	13	10,917	3.5	381
Sire, 628988; dam, 1342536.	10 dams------	25	9,999	3.5	349
Herd Owner, John Rhiner, Mt Horeb.	Difference---	(8-6-7)	+918	.0	+32
WMBRO RAG APPLE PRINCE 815483----------	6 daughters--	6	15,714	3.3	515
Born, 12-25-40; proved, 6-17-48;----; Pa.	6 dams-------	26	9,637	3.4	331
Sire, 696384; dam, 1386546.	Difference---	(6-2-6)	+6,077	-.1	+184
Herd Owner, William R Brown, Delta.					
13-B9303 (DHIA EARTAG)----------	6 daughters--	6	10,056	3.5	350
Born, ----; proved, 4-12-48; ---- ; Vt.	6 dams-------	26	9,268	3.6	337
Sire, ----; dam, ----.	Difference---	(3-2-4)	+788	-.1	+13
Herd Owner, Ernest W. Larrabee, Shoreham.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
16*D76248 (BANGS OR TB EARTAG)	6 daughters--	14	7,742	3.6	281
Born, ----; proved, 6-18-48; ----; Conn.	5 daughters--	11	7,499	3.7	278
Sire, ----; dam, ----.	5 dams-------	17	9,623	3.6	346
Herd Owner, Adelaid J. LaFrancois, Canterbury.	Difference---	(0-2-0)	-2,124	+.1	-68

JERSEY SIRES

ACTOR ZIPPER 406148	15 daughters-	23	6,072	5.4	328
Born, 12-26-38; proved, 6-22-48;----; Mich.	9 daughters-	14	5,951	5.3	313
Sire, 351080; dam, 994126.	9 dams------	17	5,654	5.3	302
Herd Owner, W. E. Day & Son, Armada.	Difference---	(5-5-3)	+297	.0	+11
ASTOR DESIGN FASHION 421163	10 daughters-	10	6,335	5.1	325
Born, 3-2-41; proved, 6-2-48;----; Wis.	9 daughters-	9	6,462	5.1	332
Sire, 359614; dam, 1080889.	9 dams------	32	7,280	4.9	358
Herd Owner, Kurt T. Wiegand, Cleveland.	Difference---	(1-6-2)	-818	+.2	-26
BEAUTY VALIANT LAD 393206	9 daughters--	15	7,361	4.8	352
Born, 12-18-37; proved, 6-10-48;----; Mo.	6 daughters--	12	7,701	4.7	365
Sire, 353528; dam, 1038675.	6 dams-------	12	6,739	4.6	313
Herd Owner, Denver Saunders, Willow Springs.	Difference---	(5-3-5)	+962	+.1	+52
BLONDE BERTHA'S DESIGN 402234	10 daughters-	30	6,933	5.6	390
Born, 5-18-38; proved, 6-8-48; dead; Pa.	9 daughters--	28	7,168	5.6	404
Sire, 358205; dam, 959484.	9 dams-------	35	8,620	5.2	450
Herd Owner, Paul E. Yoder, Mattawana.	Difference---	(1-7-4)	-1,452	+.4	-46
BLONDE OWL DESIGN 383471	23 daughters-	57	5,604	5.3	296
Born, 7-10-36; proved, 6-4-48;----; Wis.	18 daughters-	42	5,514	5.3	294
Sire, 354679, dam, 972427.	18 dams------	54	6,258	4.9	309
Herd Owner, George A. Quilling, Menomonie.	Difference---	(4-13-7)	-744	+.4	-15
BRAMPTON RECORDS FIRST SON 420754	24 daughters-	30	8,014	5.3	425
Born, 9-29-40; proved, 6-16-48; alive; Mont.	19 daughters-	25	8,460	5.2	441
Sire, 101251 CJCC; dam, 83552 CJCC.	19 dams------	30	8,009	5.2	416
Herd Owner, H. B. Manley, Bozeman.	Difference---	(11-11-13)	+451	.0	+25
CLAIRE DESIGN'S HEIR 418466	10 daughters-	12	6,445	4.7	305
Born, 4-29-40; proved, 6-16-48;----; N. Y.	9 daughters--	11	6,230	4.8	299
Sire, 350454; dam, 1083437.	9 dams-------	40	8,571	5.1	438
Herd Owner, Clifford Tucker, Skaneateles.	Difference---	(0-3-0)	-2,341	-.3	-139
CORONATION'S BLONDE DESIGN 383234	12 daughters-	18	5,382	5.8	313
Born, 7-29-36; proved, 6-4-48;----; Md.	9 daughters--	14	5,021	5.9	294
Sire, P.S. 7020 H. C.; dam, 1116199.	9 dams-------	19	6,638	5.0	331
Herd Owner, John S. Bushey & Son, Sykesville.	Difference---	(1-9-2)	-1,617	+.9	-37
DESIGN CHRISTMAS NOBLE 408726	8 daughters--	15	6,875	4.7	323
Born, 12-25-39; proved, 6-10-48;----; W. Va.	8 dams-------	28	6,789	4.7	320
Sire, 382593; dam, 1163749.	Difference---	(5-4-5)	+86	.0	+3
Herd Owner, David T. Jones, Martinsburg.					
DESIGN REIGH COUNT 401878	19 daughters-	33	7,772	5.3	411
Born, 4-5-39; proved, 6-15-48; alive, Ky.	19 dams------	60	8,405	5.1	430
Sire, 343001; dam, 979387.	Difference---	(7-18-8)	-633	+.2	-19
Herd Owner, Mrs. Fannie Rouse & Sons, Crittenden.					
DICTATOR DESIGN PRINCE 420360	11 daughters-	11	6,794	4.9	331
Born, 6-11-40; proved, 6-16-48;----; Mich.	8 daughters--	8	6,826	4.9	335
Sire, 351089; dam, 1140478.	8 dams-------	19	6,805	5.0	339
Herd Owner, Emil Anderson, Coldwater.	Difference---	(5-5-5)	+21	-.1	-4
DICTATOR SNOWMAN PRINCE 420716	7 daughters--	9	6,324	4.9	313
Born, 4-12-39; proved, 6-18-48; dead; Ohio.	5 daughters--	7	6,947	4.9	343
Sire, 379009; dam, 1195422.	5 dams-------	5	6,483	5.5	359
Herd Owner, Thomas C. South, Wilmington.	Difference---	(4-0-2)	+464	-.6	-16
DONA-LAINE FOREMOST MIKE 419340	5 daughters--	6	7,310	4.9	361
Born, 6-30-40; proved, 6-2-48; dead; Mich.	5 dams-------	17	7,604	5.3	404
Sire, 404667; dam, 1223882.	Difference---	(2-0-2)	-294	-.4	-43
Herd Owner, Mrs. Sarah M. Butler, Holt.					
DRACONIS SATIRE PIONEER 407443	6 daughters--	7	5,832	5.5	323
Born, 6-30-38; proved, 6-16-48; dead; W. Va.	6 dams-------	15	5,577	5.6	310
Sire, 374081; dam, 1101131.	Difference---	(3-3-3)	+255	-.1	+13
Herd Owner, John A. Kelly, Ona.					
DYNAMIC KING 420142	6 daughters--	9	7,528	5.9	448
Born, 2-18-38; proved, 6-14-48;----; Ind.	5 daughters--	7	7,502	5.8	438
Sire, 358109; dam, 1091617.	5 dams-------	10	6,493	5.5	356
Herd Owner, Merle C. Gonser, Hudson.	Difference---	(5-4-5)	+1,009	+.3	+82

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PLYMOUTH DREAMING PILGRIM 401899----------	15 daughters-	18	6,363	5.4	341
Born, 12-7-38; proved, 6-16-48;----; Wis.	15 dams------	34	7,426	5.1	376
Sire, 381231; dam, 1155116.	Difference---	(5-11-4)	-1,063	+.3	-35
Herd Owner, Charles Peterson, Rosendale.					
RANDLEIGH VICTOR HOPE 403809----------	11 daughters-	17	7,732	5.8	446
Born, 11-2-38; proved, 6-7-48; dead; Iowa.	10 daughters-	14	7,789	5.8	450
Sire, 323278; dam, 1043432.	10 dams------	25	7,466	5.8	432
Herd Owner, Alfred Keffeler, Remsen.	Difference---	(5-7-6)	+323	.0	+18
REMUS BARONET 419820----------	6 daughters--	12	8,503	5.4	458
Born, 6-4-40; proved, 6-2-48;----; Wash.	6 dams-------	31	8,527	5.3	448
Sire, 360430; dam, 1076663.	Difference---	(3-4-3)	-24	+.1	+10
Herd Owner, Walter G. Konirsch, Enumclaw.					
RETAX PIONEER KING 416960----------	5 daughters--	5	8,681	4.9	428
Born, 11-6-40; proved, 6-4-48; dead; Pa.	5 dams-------	14	7,975	5.3	421
Sire, 397712; dam, 1039475.	Difference---	(3-0-3)	+706	-.4	+7
Herd Owner, John Booth Farms, Carbondale.					
RIGHT ROYAL RALEIGH KING 408376----------	10 daughters-	14	7,573	5.5	415
Born, 3-6-39; proved, 6-8-48; dead; Ill.	8 daughters--	11	7,333	5.5	405
Sire, 327471; dam, 991069.	8 dams-------	37	5,952	5.8	344
Herd Owner, J. Ed. Cotner, Bethany.	Difference---	(6-3-6)	+1,381	-.3	+61
ROYAL FAWN NOBLE 377965----------	41 daughters-	60	8,115	5.3	432
Born, 9-3-35; proved, 6-15-48;----; Mo.	7 daughters--	10	8,263	5.3	440
Sire, 355537; dam, 640172.	7 dams-------	10	8,008	5.0	403
Herd Owner, W. N. Burney, Aurora.	Difference---	(3-6-3)	+255	+.3	+37
SEMINOLE STANDARD DESIGN 394908----------	8 daughters--	11	6,133	5.3	323
Born, 8-2-38; proved, 6-15-48;----; Wis.	8 dams-------	32	6,011	5.7	340
Sire, 348377; dam, 1084849.	Difference---	(3-3-2)	+122	-.4	-17
Herd Owner, Clark & Paddicombe, Sturtevant.					
SIGNAL HAPPY DESIGN 404289 *12----------	10 daughters-	16	7,175	5.3	377
Born, 9-5-39; proved, 6-21-48;----; Mo.	10 dams------	30	6,978	5.5	382
Sire, 342991; dam, 1129770.	Difference---	(4-2-3)	+197	-.2	-5
Herd Owner, Paul V. Slusher, Lexington.					
SIGNAL PANSY OBSERVER 407359----------	12 daughters-	12	7,031	5.5	387
Born, 1-1-40; proved, 6-16-48;----; Ill.	10 daughters-	10	7,158	5.6	398
Sire, 378561; dam, 1129772.	10 dams------	28	7,508	5.2	389
Herd Owner, Herbert W. Huber, Streator.	Difference---	(4-8-5)	-350	+.4	+9
STANDARD FOX VOLUNTEER 417644----------	11 daughters-	16	8,109	5.4	439
Born, 10-26-40; proved, 6-10-48;----; Vt.	11 dams------	51	7,760	5.5	429
Sire, 54242 CJCC; dam, 1275293.	Difference---	(6-4-4)	+349	-.1	+10
Herd Owner, George H. & H. P. Ricker, Groton.					
THE BLONDE LAD DESIGNER 373466----------	5 daughters--	5	6,191	4.7	293
Born, 8-30-35; proved, 6-3-48; dead; Iowa.	5 dams-------	17	7,715	4.7	363
Sire, 358287; dam, 672601.	Difference---	(2-3-1)	-1,524	.0	-70
Herd Owner, Meredith Jersey Farm, Des Moines.					
THOMAS X FLASH 385577----------	5 daughters--	5	6,842	5.6	381
Born, 7-17-37; proved, 6-4-48;----; Iowa.	5 dams-------	19	7,523	5.4	405
Sire, P. S. 6940 H. C.; dam, 1149411.	Difference---	(2-3-2)	-681	+.2	-24
Herd Owner, B. F. Hoover & Son, Oskaloosa.					
THOMAS' X SYBIL ROYAL 402573----------	8 daughters--	13	7,665	5.7	439
Born, 12-10-38; proved, 6-15-48; dead; Iowa.	7 daughters--	11	7,450	5.7	426
Sire, 374203; dam, 1125897.	7 dams-------	33	6,547	5.8	379
Herd Owner, Scott Jersey Farm, Wilton Junction.	Difference---	(4-3-5)	+903	-.1	+47
TORONO TID SENATOR TID S. M. 421323----------	11 daughters-	13	5,841	5.4	315
Born, 8-15-40; proved, 6-4-48; dead; N. Y.	11 dams------	41	6,895	4.9	335
Sire, 309969; dam, 1158775.	Difference---	(3-9-5)	-1,054	+.5	-20
Herd Owner, Kapple Brothers, Cherry Creek.					
UPWEY STOCKWELL VERNE 416724----------	6 daughters--	11	8,166	5.8	472
Born, 1-28-40; proved, 6-4-48;----; Vt.	5 daughters--	10	8,143	5.8	474
Sire, 355069; dam, 1203256.	5 dams-------	13	8,256	5.6	460
Herd Owner, H. P. McClary, Windsor.	Difference---	(2-4-2)	-113	+.2	+14
VALIANT FOREMOST BLONDE 419921----------	7 daughters--	10	7,791	5.9	458
Born, 3-20-41; proved, 6-4-48;----; Ohio.	6 daughters--	7	7,711	5.9	454
Sire, 392896; dam, 1205087.	6 dams-------	26	8,360	5.5	463
Herd Owner, Lawrence Snyder, New London.	Difference---	(2-4-3)	-649	+.4	-9
VICTOR TARRYMOOR 419936----------	14 daughters-	19	7,470	5.0	372
Born, 3-30-40; proved, 6-16-48;----; N. J.	12 daughters-	15	7,440	5.0	375
Sire, 266927; dam, 1021967.	12 dams------	27	7,021	5.0	351
Herd Owner, Ray O. Tardiff, Pennington.	Difference---	(8-7-8)	+419	.0	+24

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
EXPECTATION RIGHT WONDERFUL 414381----------	12 daughters-	12	8,578	5.1	441
Born, 3-2-40; proved, 6-7-48;----; Wis.	6 daughters--	6	8,688	5.3	459
Sire, 375857; dam, 1000666.	6 dams-------	12	7,668	5.3	407
Used in Tri-State Co-op. A. B. A.	Difference---	(5-3-5)	+1,020	.0	+52
FAITH ROYAL DESIGN 447793----------	7 daughters--	7	6,788	5.5	371
Born, 2-4-43; proved, 6-18-48; alive; Mo.	6 daughters--	6	6,697	5.5	370
Sire, 364678; dam, 1260806.	6 dams-------	15	6,459	5.5	354
Herd Owner, Paul V. Slusher, Lexington.	Difference---	(3-3-3)	+238	.0	+16
FASHIONABLE QUALITY 407177----------	14 daughters-	21	7,823	5.0	390
Born, 1-30-39; proved, 6-16-48;----; Md.	11 daughters-	15	7,808	5.0	390
Sire, 371669; dam, 1092674.	11 dams------	26	8,300	4.8	398
Herd Owner, F. Guy McGrady, Rising Sun.	Difference---	(3-8-3)	-492	+.2	-8
FLOSSY'S DESIGN OBSERVER 406410----------	8 daughters--	13	7,165	5.4	385
Born, 1-16-39; proved, 6-15-48; dead; Ky.	6 daughters--	10	7,556	5.3	402
Sire, 314728; dam, 1132959.	6 dams-------	41	7,600	5.8	438
Herd Owner, Bernard Camenisch, Stanford.	Difference---	(3-1-2)	-44	-.5	-36
FOREMOST BRAVO FAUVIC LAD 408295----------	9 daughters--	14	8,163	5.1	418
Born, 3-8-39; proved, 6-16-48;----; Mich.	7 daughters--	11	7,984	5.1	409
Sire, 361584; dam, 1010248.	7 dams-------	17	8,301	5.1	421
Herd Owner, John C. Watling & Son, Bath.	Difference---	(2-3-3)	-317	.0	-12
FRASEA BLONDE SULTAN 407832----------	17 daughters-	45	7,961	5.3	421
Born, 3-13-37; proved, 6-16-48;----; Oreg.	6 daughters--	14	8,085	5.0	405
Sire, 65627 CJCC; dam, 1074098.	6 dams-------	11	7,867	5.0	395
Herd Owner, Mrs. Levina Plansoen, Cornelius.	Difference---	(2-5-3)	+218	.0	+10
GAMBOGE FAUVIC OXFORDIA LAD 417327----------	7 daughters--	9	7,025	5.6	390
Born, 3-19-40; proved, 6-8-48; dead; Ill.	7 dams-------	31	8,125	5.6	452
Sire, 325348; dam, 1073403.	Difference---	(2-5-1)	-1,100	.0	-62
Herd Owner, Lloyd Elson & Sons, Windsor.					
HALLMARK SCOUT 418480----------	9 daughters--	12	8,181	4.9	400
Born, 3-4-40; proved, 6-2-48; alive; Kans.	5 daughters--	7	7,776	5.0	392
Sire, 375221; dam, 905366.	5 dams-------	19	6,852	5.6	386
Herd Owner, Ward Thorson & Son, Horton.	Difference---	(3-1-3)	+924	-.6	+6
HIGH STANDARD 408738----------	9 daughters--	15	9,199	5.4	497
Born, 10-19-39; proved, 6-16-48; dead; Mass.	7 daughters--	11	9,195	5.5	502
Sire, 365924; dam, 1079066.	7 dams-------	31	7,498	5.7	427
Herd Owner, High Lawn Farm, Lenox.	Difference---	(7-2-7)	+1,697	-.2	+75
INTERESTED QUEEN'S PHOENIX 394617----------	7 daughters--	7	5,977	5.4	321
Born, 7-27-37; proved, 6-10-48;----; Va.	6 daughters--	6	5,848	5.5	322
Sire, 357462; dam, 946323.	6 dams-------	19	7,143	5.2	369
Herd Owner, J. F. Yager & Son, Somerset.	Difference---	(0-4-1)	-1,295	+.3	-47
ISABEL'S PRIMO PALATINE 420971----------	7 daughters--	11	7,144	4.7	338
Born, 8-16-40; proved, 6-15-48;----; Mich.	5 daughters--	8	6,920	4.6	320
Sire, 367252; dam, 932890.	5 dams-------	18	7,323	5.0	367
Herd Owner, Neal Frentheway, Lapeer.	Difference---	(1-1-1)	-403	-.4	-47
L'ALVA SYBIL SENATOR 416893----------	5 daughters--	5	6,071	5.2	318
Born, 11-8-38; proved, 6-4-48: dead; Mass.	5 dams-------	21	7,296	5.3	386
Sire, 353766; dam, 1007673.	Difference---	(1-2-2)	-1,225	-.1	-68
Herd Owner, Joseph Couite & Sons, West Bridgewater.					
LILAC REMUS BUCCANEER 434710----------	6 daughters--	7	7,230	5.2	376
Born, 3-15-42; proved, 6-2-48;----; Vt.	6 dams-------	20	8,371	5.1	425
Sire, 328497; dam, 1147458.	Difference---	(1-3-3)	-1,141	+.1	-49
Herd Owner, Wendell I. Goodrich, West Danville.					
LILLIAN'S PHOENIX FOX 394619----------	25 daughters-	30	5,678	5.7	325
Born, 10-11-37; proved, 6-7-48;----; Va.	15 daughters-	18	6,217	5.7	357
Sire, 357462; dam, 748176.	15 dams------	33	6,524	5.4	352
Herd Owner, F. E. Estes & Sons, Rochelle.	Difference---	(6-12-8)	-307	+.3	+5
LINE-SOPHIE SENATOR EIGHT TS. 435408----------	9 daughters--	9	7,638	5.3	404
Born, 7-28-41; proved, 6-7-48; alive; W. Va.	8 daughters--	8	7,756	5.3	408
Sire, 357462; dam, 1209655.	8 dams-------	32	6,583	5.6	371
Used in Michigan Co-op. A. B. A., Inc., Mich.	Difference---	(5-2-5)	+1,173	-.3	+37
OWL VIVE DESIGNER 386265----------	11 daughters-	21	7,939	5.1	402
Born, 12-19-36; proved, 6-10-48;----; Mich.	8 daughters--	16	8,130	4.9	401
Sire, 273521; dam, 1037564.	8 dams-------	24	6,911	4.9	336
Herd Owner, Walter K. Hough, Romeo.	Difference---	(7-5-8)	+1,219	.0	+65
PALATINE OBSERVER BLONDE 407716----------	10 daughters-	16	7,272	5.1	369
Born, 3-1-37; proved, 6-10-48;----; Mich.	9 daughters--	15	7,327	5.0	370
Sire, 343093; dam, 1042790.	9 dams-------	17	6,350	5.2	327
Herd Owner, Victor C. Beal, Stanton.	Difference---	(6-4-5)	+977	-.2	+43

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WAR HERO 375101----------	12 daughters-	23	5,500	5.2	283
Born, 11-11-35; proved, 6-4-48;----; Md.	6 daughters--	10	5,814	5.1	294
Sire, 326114; dam, 809053.	6 dams-------	8	6,622	5.0	332
Herd Owner, John S. Bushey & Sons, Sykesville.	Difference---	(3-4-4)	-808	+.1	-38
WINDMOOR BLONDE FERDINAND 418409----------	7 daughters--	8	6,589	5.3	352
Born, 1-19-41; proved, 6-14-48;----; Wis.	7 dams-------	25	7,162	5.7	407
Sire, 348040; dam, 1087627.	Difference---	(2-2-2)	-573	-.4	-55
Herd Owner, Harry Giese, Loganville.					
416959----------	7 daughters--	9	4,549	5.6	254
Born, ----; proved, 6-16-48; dead; Vt.	6 daughters--	8	4,391	5.6	244
Sire, ----; dam, ----.	6 dams-------	16	6,548	5.3	348
Herd Owner, Elton W. Clifford, North Pomfret.	Difference---	(0-5-1)	-2,157	+.3	-104
35*DW3304 (BANGS OR TB EARTAG)----------	10 daughters-	16	5,998	4.9	294
Born, ----; proved, 6-14-48;----; Wis.	5 daughters--	8	5,562	4.8	266
Sire, ----; dam, ----.	5 dams-------	13	6,685	4.8	318
Herd Owner, George L. Howard, Durand.	Difference---	(1-2-1)	-1,123	.0	-52

SHORTHORN SIRES

BORG JASPER'S KING 2057296----------	5 daughters--	6	4,438	4.4	193
Born, 5-15-41; proved, 6-8-48; dead; Iowa.	5 dams-------	13	6,626	3.9	256
Sire, 1973743; dam, 1698508.	Difference---	(0-5-1)	-2,188	+.5	-63
Herd Owner, Arthur E. Eschen, Lamont.					
BROOKLYN RED KING 1905374----------	10 daughters-	10	8,132	3.4	273
Born, 4-1-37; proved, 6-21-48;----; Minn.	7 daughters--	7	8,161	3.4	275
Sire, 1745580; dam, 1649452.	7 dams-------	11	7,924	3.9	311
Herd Owner, William Zeltwanger, Hancock.	Difference---	(2-1-1)	+237	-.5	-36
DUALLYN ADMIRAL 1905779----------	9 daughters--	14	7,068	3.8	271
Born, 4-30-37; proved, 6-21-48; dead; Iowa.	5 daughters--	7	6,246	4.0	247
Sire, 1832984; dam, 1751433.	5 dams-------	8	8,290	3.8	314
Herd Owner, Mrs. Carrie L. Thom, Ashton.	Difference---	(1-3-3)	-2,044	+.2	-67
EDGEWOOD DOMINEER 1894803----------	10 daughters-	10	6,230	3.8	236
Born, 1-10-37; proved, 6-21-48;----; Minn.	9 daughters-	9	6,377	3.7	233
Sire, 1542468; dam, 1365180.	9 dams------	20	8,119	3.7	302
Herd Owner, Pete Brugman & Sons, Bingham Lake.	Difference---	(0-5-2)	-1,742	.0	-69
FLINTSTONE REDCOAT 2D 1865683----------	15 daughters-	26	7,070	4.2	300
Born, 8-19-35; proved, 6-21-48;----; Va.	5 daughters--	7	6,125	4.5	278
Sire, 1687543; dam, 1687546.	5 dams-------	15	6,475	3.9	252
Herd Owner, Rock Hill Farm, Shelby.	Difference---	(3-5-3)	-350	+.6	+26
GOLD MINE JUBILEE 1892929----------	7 daughters--	10	6,880	3.9	271
Born, 2-17-37; proved, 6-21-48;----; Iowa.	7 dams-------	17	6,013	3.9	233
Sire, 1789620; dam, 1701737.	Difference---	(5-4-5)	+867	.0	+38
Herd Owner, Irvin F. Meyer & Sons, McGregor					
HOLLANDALE KEYSTONE 2056487----------	6 daughters--	10	7,390	4.1	304
Born, 1-21-41; proved, 6-8-48;----; Kans.	5 daughters--	8	7,202	4.1	298
Sire, 1938540; dam, 1858839.	5 dams-------	17	5,287	4.2	224
Herd Owner, Gary C. Brown & Sons, Great Bend.	Difference---	(5-2-5)	+1,915	-.1	+74
WAVERTREE'S 10TH DEFENDER 2046234----------	5 daughters--	5	7,767	4.1	318
Born, 12-29-40; proved, 6-8-48; alive; W. Va.	5 dams-------	15	6,166	3.9	241
Sire, 1912826; dam, 1813916.	Difference---	(4-4-4)	+1,601	+.2	+77
Herd Owner, J. Frank Van Metre, Shepherdstown.					

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

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Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol. 24, No. 8

August 1948

DHIA COWS MADE AN ALL-TIME HIGH MILK RECORD IN 1947

Cows in dairy-herd-improvement associations established a new high record of milk production in 1947 by producing 8,638 pounds of milk per cow. The average butterfat production per cow was 348 pounds, only 1 pounds less than the all-time high record of 349 pounds in 1946.

The high-producing capacity of DHIA herds was developed and is being maintained and improved by association members through three simple but fundamental practices which any dairyman can adept when he has feed and production records on his individual cows. These basic practices are:

1. Culling. DHIA records enable the herd owner to cull the low-producing cows from the herd.

2. Feeding. DHIA records enable the herd owner to feed each cow the amount of feed she can convert into milk most efficiently and profitably.

3. Breeding. DHIA records enable the herd owner to select his best cows for breeding stock and to evaluate the breeding worth of cow-families and individual sires so that he may improve the inherent producing capacity of the herd.

The following table shows the level of production of association cows for various years since 1930:

Year	Average Production	
	Milk	Butterfat
	Pounds	Pounds
1930	7,642	303
1935	7,977	322
1940	8,133	331
1945	8,592	346
1946	8,635	349
1947	8,638	348

On page 2 is a table showing the production level of association cows in 1947 by States.

SUMMARY OF THE 1946-47 DAIRY-HERD-IMPROVEMENT-ASSOCIATION RECORDS, BY STATES

State	Associations active Jan. 1, 1947	Associations reporting data for tabulation	Cow-years	Average production			Value of product	Cost of roughage	Cost of grain	Total feed cost	Value of product over feed cost
				Milk	Test	Butterfat					
	Number	Number	Number	Pounds	Percent	Pounds	Dollars	$	$	$	Dollars
Ala----	(1)	0	--	--	--	--	--	--	--	--	--
Ariz---	5	2	4,193.58	8,895	3.8	337	478	139	67	206	272
Ark----	0	0	--	--	--	--	--	--	--	--	--
Calif--	90	89	111,106.08	9,319	4.1	378		Feed costs not reported			
Colo---	18	12	2,985.50	9,272	3.8	348		Feed costs not reported			
Conn---	18	8	7,911.50	8,435	4.1	347	497	57	113	170	327
Del----	4	4	1,393.42	8,160	4.3	347	412	70	80	150	262
Fla----	(1)	0	--	--	--	--	--	--	--	--	--
Ga-----	4	4	1,568.33	5,659	4.2	238	356	86	94	180	176
T. H---	2	1	44.42	5,624	--	--	281	58	84	142	139
Idaho--	14	5	2,188.67	8,756	4.1	359	359	92	55	147	212
Ill----	79	64	23,066.25	9,113	3.9	359	387	72	81	153	234
Ind----	61	40	11,559.42	8,485	4.2	353	358	60	78	138	220
Iowa---	70	69	24,983.67	8,473	4.0	336	303	46	74	120	183
Kans---	21	20	7,607.67	8,719	3.9	342	368	76	93	169	199
Ky-----	18	17	4,220.00	7,633	4.2	319	346	50	70	120	226
La-----	4	1	187.17	6,276	4.8	299		Feed costs not reported			
Maine--	21	9	5,222.83	7,851	4.1	324	410	66	106	172	238
Md-----	21	2/23	11,133.00	8,225	4.2	349	424	60	101	161	263
Mass---	14	9	6,611.33	8,416	4.0	340	504	119	121	240	264
Mich---	93	75	25,117.08	8,609	4.0	346	363	71	81	152	211
Minn---	85	76	30,603.50	8,617	3.7	322	319	52	63	115	204
Miss---	6	1	127.08	5,056	4.9	246	281	28	87	115	166
Mo-----	33	25	7,903.08	7,718	4.4	337	344	60	79	139	205
Mont---	8	8	2,338.75	8,599	3.8	323	288	68	52	120	168
Nebr---	10	9	1,790.42	9,208	3.7	342	352	70	86	156	196
Nev----	3	0	--	--	--	--	--	--	--	--	--
N. H---	10	2	1,137.25	6,097	4.0	241	283	55	61	116	167
N. J---	26	24	15,597.83	8,810	3.9	345	461	99	94	193	268
N. Mex-	3	1	284.08	9,036	3.9	357	472	200	100	300	172
N. Y---	132	118	39,563.25	8,980	3.8	340	412	63	99	162	250
N. C---	15	12	3,352.25	7,291	4.4	321	423	88	100	188	235
N. Dak-	0	2/3	255.33	9,314	3.5	325	283	44	73	117	166
Ohio---	71	37	10,397.67	8,434	4.1	343	359	61	72	133	226
Okla---	7	0	--	--	--	--	--	--	--	--	--
Oreg---	22	11	6,402.33	7,796	4.7	365	418	93	83	176	242
Pa-----	136	136	56,492.42	8,488	4.0	343	418	67	105	172	246
P. R---	1	0	--	--	--	--	--	--	--	--	--
R. I---	1	1	586.83	8,865	4.0	350	525	86	116	202	323
S. C---	0	0	--	--	--	--	--	--	--	--	--
S. Dak-	3	2	710.92	8,277	3.8	315	320	52	62	114	206
Tenn---	10	9	2,941.00	5,733	4.8	274	296	48	72	120	176
Tex----	13	7	1,628.83	6,031	4.6	276	329	36	114	150	179
Utah---	16	14	6,866.50	8,664	4.0	344	347	98	62	160	187
Vt-----	27	25	15,368.00	7,213	4.3	308	375	59	86	145	230
Va-----	44	22	15,885.08	8,133	4.2	341	424	88	101	189	235
Wash---	36	21	19,872.00	8,536	4.4	373	400	82	77	159	241
W. Va--	12	10	4,364.08	7,292	4.3	313	357	66	89	155	202
Wis----	133	65	37,462.92	8,712	3.9	336	346	58	64	122	224
Wyo----	6	(3)	29.25	9,113	4.1	371	427	142	99	241	186
Average	1,426	1,091	533,060.58	4/8,638	4/4.0	4/348	5/352	5/62	5/79	5/141	5/211

1/ No report.
2/ Reports were received from more associations than were reported active on January 1, 1947.
3/ 1 herd.
4/ Exclusive of Hawaii.
5/ Exclusive of California, Colorado, Louisiana and Hawaii.

1948 DHIA Proved Sire List Now Available

The twelfth annual list of sires proved in dairy-herd-improvement associations is now available for distribution. The list, the largest issued to date, includes proved-sire records were tabulated or retabulated by the Division of Dairy Herd Improvement Investigations during the calendar year 1947.

Copies are being mailed to the same list of names and addresses to which the Dairy Herd Improvement Association Letter is sent each month. If you receive a copy of this letter through the mail a copy of the list has been or will be mailed to you. If you receive several copies of the DHIA Letter each month for redistribution you will also receive the same number of copies of the Sire List for redistribution.

Lists for DHIA Members and Other Dairymen

The DHIA proved-sire lists should be distributed to everyone who can use them. DHIA members, committeemen charged with the responsibility of selecting sires for breeding associations, dairymen and dairy leaders should have a copy of the list for convenient reference. County agents and DHIA supervisors are urged to tell association members and other dairy farmers that any interested person can obtain a copy of the list by writing to the Bureau of Dairy Industry, U. S. Department of Agriculture, Washington 25, D. C. Ask for a copy of the 1948 proved-sire list. Copies of previous lists may also be obtained by addressing a request to the Bureau of Dairy Industry.

DHIA PROVED-SIRE RECORDS TABULATED IN JULY 1948

Following is a list of 696 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in July 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST PLAY FAIR 62397----------	11 daughters--	19	6,829	4.1	283
Born, 7-28-39; proved, 7-15-48;----; Vt.	11 dams-------	35	8,730	4.0	347
Sire, 54577; dam, 90263.	Difference----	(1-8-1)	-1,901	+.1	-64
Herd Owner, Crescent Orchards, Orwell.					
ANNANDALE SUNRISE 65314----------	9 daughters---	14	9,177	4.1	375
Born, 12-21-35; proved, 7-15-48;----; Ill.	6 daughters---	9	8,943	3.9	353
Sire, 49891; dam, 166608.	6 dams--------	18	10,762	3.9	421
Herd Owner, Deer Path Farm, Lake Forest.	Difference----	(1-3-1)	-1,819	.0	-68
ASH GROVE DAYBREAK 66181----------	7 daughters---	7	8,121	4.0	325
Born, 1-17-41; proved, 7-27-48;----; N. Y.	7 dams--------	19	7,429	4.1	303
Sire, 57701; dam, 198852.	Difference----	(7-4-6)	+692	-.1	+22
Herd Owner, Ash Grove Farms, Saratoga Springs.					
ASH GROVE GOOD HUMOR 62704----------	5 daughters---	6	7,623	4.2	317
Born, 2-15-39; proved, 7-1-48;----; Ohio.	5 dams--------	13	8,287	3.7	305
Sire, 51174; dam, 151277.	Difference----	(2-4-2)	-664	+.5	+12
Herd Owner, E. B. Timmermeister, Lima.					
ASH GROVE GOOD MASTER 67184----------	9 daughters---	12	8,773	4.0	354
Born, 2-25-41; proved, 7-29-48;----; N. Y.	9 dams--------	35	8,555	3.9	337
Sire, 51174; dam, 143970.	Difference----	(5-5-6)	+218	+.1	+17
Herd Owner, Galway Farms, Galway.					
BAKER FARM CAPTAIN P 69532----------	6 daughters---	7	8,495	4.2	355
Born, 3-14-42; proved, 7-20-48;----; Vt.	6 dams--------	21	7,291	4.0	289
Sire, 53833; dam, 155439.	Difference----	(4-4-5)	+1,204	+.2	+66
Herd Owner, Sunny Plains Farm, North Springfield.					
BARBOIGH TRUE FORM, IMP. 59661----------	12 daughters--	16	8,186	3.9	323
Born, 6-2-36; proved, 7-29-48;----; Mass.	6 daughters---	6	7,625	4.0	305
Sire, 59660; dam, 209066.	6 dams--------	8	8,574	3.8	329
Herd Owner, Alta Crest Farms, Spencer.	Difference----	(2-5-2)	-949	+.2	-24
BARLOW'S CAPTAIN CLIPPER 61864----------	8 daughters---	8	9,381	4.0	375
Born, 3-27-39; proved, 7-1-48; dead; Ohio.	8 dams--------	35	8,483	4.1	345
Sire, 53800; dam, 141496.	Difference----	(6-3-7)	+898	-.1	+30
Herd Owner, L. M. Betts, Wellington.					
BONNIE ROYAL'S ADMIRAL KING 70382----------	5 daughters---	6	9,826	3.8	370
Born, 3-15-41; proved, 7-16-48;----; Iowa.	5 dams--------	23	9,683	4.2	409
Sire, 44097; dam, 194833.	Difference----	(3-0-2)	+143	-.4	-39
Herd Owner, Carl Lindemann, Humboldt.					
BONNIE ROYAL'S MONARCH 49226----------	5 daughters---	9	7,895	3.8	298
Born, 10-7-33; proved, 7-23-48;----; Iowa.	5 dams--------	15	7,949	3.8	299
Sire, 44097; dam, 124807.	Difference----	(1-3-1)	-54	.0	-1
Herd Owner, Theo Thorson, St. Olaf.					
CAVALIER'S IDEAL 62414----------	14 daughters--	20	6,923	3.8	260
Born, 5-18-39; proved, 7-21-48;----; Ohio.	11 daughters--	17	7,002	3.8	267
Sire, 54608; dam, 159331.	11 dams-------	53	7,305	3.7	272
Herd Owner, James A. McConnell & Sons, Wellington.	Difference----	(4-9-4)	-303	+.1	-5
COLD STREAM IMPERIAL 70656----------	9 daughters--	9	8,985	4.2	377
Born, 4-28-42; proved, 7-20-48; alive; N. Y.	7 daughters---	7	9,068	4.2	383
Sire, 46521; dam, 157168.	7 dams--------	11	9,372	3.8	360
Herd Owner, Frank Winkler, Middleburg.	Difference----	(2-7-4)	-304	+.4	+23
CRAIGHURST PERCY 65468----------	8 daughters---	12	8,797	3.9	346
Born, 12-14-38; proved, 7-1-48; dead; N. Y.	6 daughters---	8	9,254	3.9	362
Sire, 43957; dam, 167787.	6 dams--------	22	8,498	4.1	352
Herd Owner, Dan A. Craig, Rome.	Difference----	(4-1-3)	+756	-.2	+10
ELEANOR'S DOUGLAS 62688----------	14 daughters--	17	8,056	4.0	324
Born, 9-11-39; proved, 7-1-48; dead; N. Y.	12 daughters--	14	7,940	4.0	320
Sire, 57750; dam, 185261.	12 dams-------	25	8,533	3.8	322
Herd Owner, Edson A. Martin, Canton.	Difference----	(6-12-6)	-593	+.2	-2

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AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
IOW AYR DOUGLAS KING 66567	5 daughters	7	7,305	4.2	305
Born, 10-9-40; proved, 7-29-48;----; Iowa.	5 dams	10	7,630	3.9	299
Sire, 58854; dam, 190921.	Difference	(3-5-3)	-325	+.3	+6
Herd Owner, Iowa State College Dairy Farm, Ames.					
IROQUOIS CHARMING FAVOR 67293	5 daughters	6	9,365	4.0	376
Born, 5-2-41; proved, 7-28-48;----; N. Y.	5 dams	15	7,986	4.3	343
Sire, 61091; dam, 213246.	Difference	(4-1-4)	+1,379	-.3	+33
Herd Owner, Pine Lake Farm, Cobleskill.					
JOHN'S PRIDE 64296	9 daughters	13	8,511	4.1	347
Born, 1-20-40; proved, 7-1-48;----; Md.	6 daughters	8	8,258	4.1	338
Sire, 58988; dam, 199190.	6 dams	12	7,652	4.1	311
Herd Owner, H. B. Ladson, Rockville.	Difference	(3-4-5)	+606	.0	+27
K. S. I. R. LASSIE'S JIM 65329	14 daughters	14	11,236	3.8	428
Born, 2-6-39; proved, 7-1-48; alive; Kans.	14 dams	44	9,175	3.8	348
Sire, 46596; dam, 147826.	Difference	(12-8-14)	+2,061	.0	+80
Herd Owner, Kans. State Industrial Reformatory, Hutchinson.					
LEDGETOP LIONEL 62646	5 daughters	5	8,531	4.2	357
Born, 10-12-39; proved, 7-15-48;----; N. Y.	5 dams	15	9,358	4.1	383
Sire, 56336; dam, 157512.	Difference	(2-4-2)	-827	+.1	-26
Herd Owner, Russell French, Schenevus.					
LETO KENMORE'S ROYAL 59460	7 daughters	12	6,923	4.2	288
Born, 11-14-36; proved, 7-1-48; dead; N. Y.	6 daughters	9	6,921	4.1	283
Sire, 44784; dam, 155112.	6 dams	19	8,149	3.7	301
Herd Owner, Karl R. Chamberlain, Hinsdale.	Difference	(1-6-2)	-1,228	+.4	-18
LIPPITT PETERJOHN 62614	11 daughters	16	7,842	4.3	337
Born, 9-2-39; proved, 7-1-48;----; R. I.	6 daughters	9	8,519	4.3	369
Sire, 47977; dam, 152425.	6 dams	19	8,325	4.3	355
Herd Owner, Lippitt Farm, Hope.	Difference	(3-5-4)	+194	.0	+14
LIPPITT STAR PETER 58552	16 daughters	19	8,374	3.9	330
Born, 4-7-38; proved, 7-30-48;----; Mass.	11 daughters	12	8,284	4.0	328
Sire, 47977; dam, 156710.	11 dams	41	9,407	4.1	389
Herd Owner, Howard Hepburn, Sunderland.	Difference	(4-6-4)	-1,123	-.1	-61
LOMBARD SOLAR 69097	7 daughters	7	8,269	3.9	325
Born, 8-4-41; proved, 7-29-48;----; Ohio.	5 daughters	5	8,867	3.9	347
Sire, 55761; dam, 212273.	5 dams	7	9,607	4.2	407
Herd Owner, Roy Lombard & Son, Plain City.	Difference	(3-1-2)	-740	-.3	-60
NESHAMINY ESQUIRE 69160	8 daughters	8	9,193	4.3	400
Born, 12-13-41; proved, 7-20-48;----; N. Y.	8 dams	33	9,099	4.3	390
Sire, 55200; dam, 204538.	Difference	(4-4-5)	+94	.0	+10
Herd Owner, Robert M. Haynes & Sons, Tully.					
PENSHURST ROYAL PRINCE 45087	7 daughters	7	7,517	4.0	299
Born, 9-28-31; proved, 7-15-48;----; Mass.	5 daughters	5	7,842	3.9	304
Sire, 30533; dam, 94029.	5 dams	5	7,072	3.7	264
Herd Owner, Castle Hill Farm, Whitinsville.	Difference	(4-4-4)	+770	+.2	+40
SCANTIC SKYLINE 55884	9 daughters	9	8,065	4.2	342
Born, 10-2-36; proved, 7-9-48;----; Conn.	5 daughters	5	7,760	4.1	320
Sire, 40496; dam, 138337.	5 dams	10	8,100	3.9	317
Herd Owner, Good Hill Farm, Woodbury.	Difference	(2-3-3)	-340	+.2	+3
SHIRLEY-AYR GOLDEN DICK 62653	11 daughters	13	7,230	4.2	302
Born, 9-26-39; proved, 7-23-48;----; Wis.	9 daughters	11	7,125	4.2	297
Sire, 55855; dam, 154617.	9 dams	18	9,110	4.3	387
Herd Owner, Ray Henschel, Sturgeon Bay.	Difference	(1-4-1)	-1,985	-.1	-90
STERLING OF SOUTH FARM 47025	6 daughter	14	8,328	3.7	310
Born, 5-18-33; proved, 7-19-48;----; Ohio.	5 daughters	13	8,030	3.7	298
Sire, 38540; dam, 84388.	5 dams	22	8,890	3.7	325
Herd Owner, Sterlingshire Farm, Orwell.	Difference	(1-4-2)	-860	.0	-27
VISTA GRANDE CARLOS 66259	11 daughters	11	7,978	4.4	351
Born, 2-20-41; proved, 7-29-48;----; Mass.	11 dams	48	8,463	4.1	348
Sire, 55678; dam, 212561.	Difference	(4-9-6)	-485	+.3	+3
Herd Owner, Maiden Hill Farm, Ward Hill.					
VISTA GRANDE CORTEZ 68938	6 daughters	6	7,929	4.1	321
Born, 11-18-41; proved, 7-27-48;----; Vt.	5 daughters	5	7,935	4.0	319
Sire, 41342; dam, 196211.	5 dams	18	7,386	4.1	301
Herd Owner, Robert H. Vaughan, East Thetford.	Difference	(3-3-3)	+549	-.1	+18
VISTA GRANDE GLEN DOUGLAS 61737	6 daughters	13	8,820	4.1	366
Born, 6-9-39; proved, 7-19-48;----; N. H.	5 daughters	10	8,779	4.1	363
Sire, 47364; dam, 173950.	5 dams	13	8,217	4.1	334
Herd Owner, Crystal Spring Farm, East Concord.	Difference	(2-4-3)	+562	.0	+29

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WHITPAIN CARMAN 61868----------	8 daughters--	16	8,751	4.1	360
Born, 5-9-39; proved, 7-1-48;----; Del.	8 dams-------	27	8,744	4.0	346
Sire, 42060; dam, 183579.	Difference---	(4-6-6)	+7	+.1	+14
Herd Owner, George C. Simpson, Houston.					
WINWOOD ATLANTA'S PEER 72271----------	6 daughters--	6	9,283	4.2	388
Born, 11-5-42; proved, 7-16-48;----; Calif.	5 daughters--	5	9,781	4.1	403
Sire, 60167; dam, 163606.	5 dams-------	6	10,309	3.7	383
Herd Owner, Winwood Farm, Woodland.	Difference---	(1-5-2)	-528	+.4	+20
WOODHULL TOMMIE JO 68510----------	5 daughters--	6	10,073	4.4	438
Born, 10-12-41; proved, 7-16-48; alive; Kans.	5 dams-------	9	7,631	4.2	319
Sire, 60850; dam, 210743.	Difference---	(5-3-5)	+2,442	+.2	+119
Herd Owner, H. A. Holmes, Monument.					

BROWN SWISS SIRES

ALVA'S ROYAL LAD OF LEE'S HILL 48097 *12----------	8 daughters--	13	10,230	4.1	420
Born, 8-14-40; proved, 7-29-48;----; S. Dak.	8 dams-------	31	12,560	3.9	492
Sire, 28594; dam, 46791.	Difference---	(2-6-2)	-2,330	+.2	-72
Used in South Dakota Co-op. A. B. A.					
BONNIE'S VANDA'S LADDIE 40778----------	10 daughters-	22	11,242	3.9	440
Born, 1-8-38; proved, 7-22-48;----; Iowa.	9 daughters--	21	11,333	3.9	446
Sire, 29739; dam, 42034.	9 dams-------	40	10,283	4.0	410
Herd Owner, Ralph Bright, Eldora.	Difference---	(6-4-7)	+1,050	-.1	+36
BROWN'S FAWN FIL 54167----------	6 daughters--	7	9,400	4.5	421
Born, 10-16-41; proved, 7-16-48; dead; N. Y.	6 dams-------	29	11,400	4.0	458
Sire, 41807; dam, 71750.	Difference---	(1-6-1)	-2,000	+.5	-37
Herd Owner, Walter F. Brown & Sons, Hinsdale.					
CARL PHEIFER B. OF NACKERS FARM 52706----------	6 daughters--	8	9,876	3.7	361
Born, 1-27-41; proved, 7-15-48;----; Wis.	5 daughters--	7	10,071	3.7	375
Sire, 41769; dam, 74187.	5 dams-------	20	10,005	3.8	383
Herd Owner, Richard G. Behnke & Sons, Hilbert.	Difference---	(3-1-2)	+66	-.1	-8
CORNELL COLUMBUS WINDSOR 50092----------	11 daughters-	12	10,133	3.8	389
Born, 6-13-40; proved, 7-13-48; alive; N. Y.	6 daughters--	6	10,711	4.0	426
Sire, 40111; dam, 42174.	6 dams-------	13	9,143	3.9	356
Herd Owner, Cornell University, Ithaca.	Difference---	(4-3-5)	+1,568	+.1	+70
DARLENE'S SUPREME OF SHARON 53716----------	6 daughters--	8	12,581	4.2	533
Born, 4-28-41; proved, 7-16-48;----; Ohio.	5 daughters--	6	13,096	4.2	555
Sire, 40008; dam, 67801.	5 dams-------	13	10,278	4.1	421
Herd Owner, Paul E. Dirkson, Kenton.	Difference---	(3-4-4)	+2,818	+.1	+134
EXTREME CHARM OF SHERMANHURST 50131----------	7 daughters--	8	8,733	4.5	391
Born, 2-2-41; proved, 7-29-48;----; Kans.	7 dams-------	27	10,633	4.2	442
Sire, 43402; dam, 57668.	Difference---	(1-7-1)	-1,900	+.3	-51
Herd Owner, J. W. Zimmerman, Abbyville.					
FIFTY GRAND OF LEE'S HILL 50000----------	5 daughters--	5	12,475	4.2	523
Born, 12-18-40; proved, 7-1-48;----; Wis.	5 dams-------	16	10,796	4.1	442
Sire, 28594; dam, 46794.	Difference---	(4-2-4)	+1,679	+.1	+81
Herd Owner, Harold T. Illing, Waukesha.					
ILLINI MARLENE CONCENTRATION 40390----------	5 daughters--	9	8,780	4.3	377
Born, 4-23-38; proved, 7-1-48;----; S. C.	5 dams-------	14	8,477	4.0	339
Sire, 28036; dam, 52192.	Difference---	(2-5-2)	+303	+.3	+38
Herd Owner, Clemson Agricultural College, Clemson.					
JIM OF SWISS HILLS 53412----------	11 daughters-	11	7,679	3.9	299
Born, 11-11-41; proved, 7-15-48;----; Wis.	10 daughters-	10	7,623	3.8	293
Sire, 46048; dam, 57873.	10 dams------	34	11,796	4.0	470
Herd Owner, Haines Bros., Dodge.	Difference---	(1-5-1)	-4,173	-.2	-177
MYRTLE'S BUSTER J. B. 50279----------	6 daughters--	6	10,036	3.9	395
Born, 4-22-41; proved, 7-2-48;----; Mass.	6 dams-------	29	9,137	4.1	377
Sire, 31073; dam, 41533.	Difference---	(4-2-4)	+899	-.2	+18
Herd Owner, Elmwood Valley Farm, Inc., Uxbridge.					
OAKLAND COLLEGE BARON'S IMPROVER 39459----------	9 daughters--	10	9,430	4.0	379
Born, 2-28-37; proved, 7-29-48;----; Ill.	7 daughters--	7	9,583	4.1	390
Sire, 33077; dam, 44377.	7 dams-------	10	11,311	4.0	455
Herd Owner, Clarence Imhoff, Roanoke.	Difference---	(2-4-2)	-1,728	+.1	-65
P. A. SYLVIA BOY 48848----------	8 daughters--	20	11,028	3.8	420
Born, 12-10-39; proved, 7-1-48;----; Ill.	5 daughters--	13	9,934	3.8	380
Sire, 31888; dam, 63803.	5 dams-------	10	10,187	3.7	374
Herd Owner, Meyer Brothers, Peotone.	Difference---	(3-4-3)	-253	+.1	+6

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PRIVET'S ROYAL JUNIOR OF LEE'S HILL 37565 *12----------	22 daughters--	34	12,089	4.3	521
Born, 3-18-37; proved, 7-22-48; dead; Conn.	14 daughters--	25	12,331	4.3	534
Sire, 28594; dam, 36503.	14 dams-------	58	11,558	3.9	448
Used in Eastern Stephenson A.B.A., Ill.	Difference----	(7-14-11)	+773	+.4	+86
REBECKA'S ROY OF CEDAR VALLEY 55435----------	6 daughters---	6	15,595	3.8	596
Born, 7-1-42; proved, 7-16-48;----; Iowa.	6 dams--------	16	11,769	3.9	460
Sire, 42937; dam, 55426.	Difference----	(6-3-6)	+3,826	-.1	+136
Herd Owner, Ed. Hensing, Iowa Falls.					
ROYAL'S SQUIRE OF LEE'S HILL 42520----------	11 daughters--	21	11,303	4.0	449
Born, 12-13-38; proved, 7-29-48;----; Iowa.	8 daughters---	14	11,734	3.9	459
Sire, 28594; dam, 46797.	8 dams--------	22	10,325	4.0	410
Herd Owner, Carleton D. Beh, West Des Moines.	Difference----	(5-4-6)	+1,409	-.1	+49
THE KEEPER OF LEE'S HILL 55163----------	5 daughters---	5	12,285	4.2	510
Born, 9-21-41; proved, 7-29-48; alive; Ohio.	5 dams--------	11	12,145	3.9	478
Sire, 31653; dam, 65386.	Difference----	(4-4-3)	+140	+.3	+32
Herd Owner, Philip H. Cone, Loveland.					
TREBA'S MEXICO DIAMOND 40692----------	5 daughters---	5	8,349	3.4	280
Born, 11-2-37; proved, 7-29-48;----; Iowa.	5 dams--------	24	7,813	3.8	299
Sire, 30590; dam, 33424.	Difference----	(3-0-2)	+536	-.4	-19
Herd Owner, Theodore Schrandt, Fort Atkinson.					
WANETA'S PRINCE OF LISBON 50056----------	7 daughters---	8	8,358	4.5	378
Born, 10-5-40; proved, 7-29-48;----; Ind.	6 daughters---	7	8,734	4.5	395
Sire, 39301; dam, 21704.	6 dams--------	32	11,188	4.1	460
Herd Owner, Rudolph Weitfeldt, Hoagland.	Difference----	(0-5-0)	-2,454	+.4	-65
35*H091136 (BANGS OR TB EARTAG)----------	6 daughters---	9	8,462	4.0	336
Born,----; proved, 7-12-48;----; Wis.	5 daughters---	8	8,521	4.0	337
Sire,----; dam,----.	5 dams--------	13	9,686	4.1	399
Herd Owner, Dale Crossman, Eldorado.	Difference----	(0-3-0)	-1,165	-.1	-62

GUERNSEY SIRES

ADELMER'S SARGON EXALTER 295658----------	13 daughters--	20	8,572	4.7	403
Born, 12-13-40; proved, 7-9-48;----; Wis.	12 daughters--	19	8,676	4.7	406
Sire, 211402; dam, 449807.	12 dams-------	43	8,148	4.9	397
Herd Owner, Hubert P. Kipp, North Prairie.	Difference----	(8-6-9)	+528	-.2	+9
APPLE JACK OF WALNUT GLENS 93483----------	7 daughters---	28	6,887	4.5	310
Born, 4-9-23; proved, 7-20-48;----; Ohio.	7 dams--------	17	8,387	4.4	366
Sire, 73421; dam, 147196.	Difference----	(1-5-1)	-1,500	+.1	-56
Herd Owner, R. D. Gates, Chardon.					
BECON OF SUNNY MEAD 286038----------	11 daughters--	11	6,787	5.1	344
Born, 12-4-39; proved, 7-9-48;----; Wis.	5 daughters---	5	7,132	5.2	368
Sire, 259274; dam, 542108.	5 dams--------	6	7,118	5.0	353
Herd Owner, Frank M. Leonhard, Tony.	Difference----	(3-4-3)	+14	+.2	+15
BELL BUOY OF HIGHCROFT 284961----------	11 daughters--	22	7,835	4.6	358
Born, 5-19-39; proved, 7-1-48; dead; Minn.	5 daughters---	10	8,219	4.5	370
Sire, 160913; dam, 333483.	5 dams--------	21	8,043	4.4	355
Herd Owner, L. P. Underdahl & Son, Dennison.	Difference----	(3-4-3)	+176	+.1	+15
BENTON'S HERCULES 261540----------	17 daughters--	22	6,658	4.8	319
Born, 5-25-38; proved, 7-27-48;----; Va.	14 daughters--	19	6,906	4.8	330
Sire, 235497; dam, 403314.	14 dams-------	46	6,311	4.7	298
Herd Owner, O. C Flory, Stuarts Draft.	Difference----	(10-10-10)	+595	+.1	+32
BERESFORD'S DUKE OF TYRONE 295158----------	7 daughters---	8	7,323	4.8	355
Born, 9-30-40; proved, 7-1-48;----; Mich.	5 daughters---	5	7,186	5.0	361
Sire, 237882; dam, 478713.	5 dams--------	7	8,339	4.9	412
Herd Owner, W. C. Eckard & Son, Decatur.	Difference----	(2-3-2)	-1,153	+.1	-51
BETHANY SHAH'S KING 315795----------	7 daughters---	8	7,341	5.1	371
Born, 12-11-41; proved, 7-9-48; dead; N. J.	6 daughters---	6	7,223	5.1	368
Sire, 265781; dam, 351377.	6 dams--------	16	9,418	4.9	460
Herd Owner, Miller Farms, Annandale.	Difference----	(1-5-1)	-2,195	+.2	-92
BIRTHDAY BOY OF THE GLEN 288084----------	13 daughters--	20	7,503	5.2	386
Born, 6-6-40; proved, 7-13-48;----; Mich.	8 daughters---	11	7,591	5.2	394
Sire, 252897; dam, 392806.	8 dams--------	21	7,481	5.3	393
Herd Owner, Hook's Acres, Brighton.	Difference----	(4-4-5)	+110	-.1	+1
BLAKEFORD SELECT 287054----------	5 daughters---	5	5,564	4.7	261
Born, 3-17-40; proved, 7-12-48;----; Pa.	5 dams--------	20	8,113	4.5	363
Sire, 206846; dam, 464755.	Difference----	(0-5-0)	-2,549	+.2	-102
Used in First Pennsylvania Co-op. A.B.A.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BORRODALE DONALD'S CHAMPION 242466----------	18 daughters--	24	7,065	5.4	379
Born 6-28-36; proved, 7-20-48;----; Mich.	10 daughters--	14	7,206	5.4	387
Sire, 194790; dam, 253827	10 dams-------	27	8,117	4.9	395
Herd Owner, John A. Appelhof, South Lyons.	Difference----	(2-10-3)	-911	+.5	-8
BOULDER BRIDGE ATHLETE 251153----------	15 daughters--	26	6,148	5.1	313
Born, 1-18-37; proved, 7-26-48;----; Wis.	12 daughters--	20	6,449	5.1	327
Sire, 216336; dam, 401616.	12 dams-------	32	7,628	4.8	368
Herd Owner, Fox's Guernsey Dairy, Waukesha.	Difference----	(3-10-3)	-1,179	+.3	-41
BOULDER BRIDGE ATIAS 259186----------	7 daughters---	14	8,529	4.7	405
Born, 10-21-37; proved, 7-20-48;----; Iowa.	6 daughters---	11	8,403	4.7	399
Sire, 192481; dam, 428932.	6 dams--------	13	7,300	4.9	356
Herd Owner, Alvin W. Hitz & Sons, Polk City.	Difference----	(6-2-5)	+1,103	-.2	+43
BOULDER BRIDGE MATCHMAKER 259502----------	30 daughters--	40	8,620	4.9	424
Born, 2-28-37; proved, 7-27-48;----; Minn.	26 daughters--	35	8,583	4.9	422
Sire, 216336; dam, 274611.	26 dams-------	75	9,430	4.9	462
Herd Owner, Boulder Bridge Farm, Excelsior.	Difference----	(8-14-7)	-847	.0	-40
BOULDER BRIDGE PERFECTION 284265----------	19 daughters--	26	6,997	5.3	370
Born, 9-9-39; proved, 7-9-48;----; Minn.	8 daughters---	10	7,383	5.2	386
Sire, 259502; dam, 259326.	8 dams--------	17	7,548	5.0	378
Herd Owner, Robert L. Ott, Albert Lea.	Difference----	(4-4-5)	-165	+.2	+8
BROOKMEAD'S FOREMAN 209210----------	9 daughters---	12	6,824	4.9	333
Born, 7-25-32; proved, 7-20-48;----; Iowa.	5 daughters---	7	6,713	5.2	349
Sire, 194062; dam, 281285.	5 dams--------	9	5,009	4.6	233
Herd Owner, Richard Schubert, Britt.	Difference----	(5-4-5)	+1,704	+.6	+116
BROOKMEAD'S GLEEMAN 316599----------	11 daughters--	14	6,472	4.5	291
Born, 3-19-41; proved, 7-9-48;----; Pa.	7 daughters---	8	6,477	4.6	297
Sire, 237503; dam, 429844.	7 dams--------	20	6,947	4.9	342
Herd Owner, William H. Doubler, Hartsville.	Difference----	(3-2-2)	-470	-.3	-45
BUCCANEER WARRIOR STEADFAST 286319----------	6 daughters---	11	7,065	5.3	372
Born, 2-2-40;proved, 7-1-48;----; Maine.	6 dams--------	21	7,560	5.4	411
Sire, 151515; dam, 252454.	Difference----	(1-3-1)	-495	-.1	-39
Herd Owner, J. Herbert Comins & Son, East Holden.					
BURTON LANE'S SARGON FLAME 318218----------	5 daughters---	5	9,828	5.2	516
Born, 12-11-41; proved, 7-21-48;----; Ill.	5 dams--------	7	8,754	5.3	465
Sire, 211402; dam, 583103.	Difference----	(3-3-3)	+1,074	-.1	+51
Herd Owner, Roeschley Brothers, Flanagan.					
BUTTERFAT GOVERNOR TULLIUS 324726----------	5 daughters---	5	7,179	4.9	351
Born, 4-12-42; proved, 7-26-48; ----; Iowa.	5 dams--------	10	7,134	5.0	355
Sire, 219604; dam, 528671.	Difference----	(2-3-3)	+45	-.1	-4
Herd Owner, Harry Lage, Davenport.					
CALDER FARM ALERT 300407----------	8 daughters---	15	7,927	4.6	364
Born, 7-30-40; proved, 7-16-48;----; Md.	6 daughters---	11	7,549	4.6	348
Sire, 238026; dam, 522260.	6 dams--------	10	6,218	4.6	288
Herd Owner, John H. Hull, Westminster.	Difference----	(5-4-5)	+1,331	..0	+60
CEDAR CLIFF'S HECTOR 255000----------	16 daughters--	43	6,110	4.8	294
Born, 8-10-37; proved, 7-27-48;----; Pa.	11 daughters--	29	6,195	4.7	293
Sire, 206927; dam, 407799.	11 dams-------	35	6,437	4.6	293
Herd Owner, John A. Smith & Sons, Dickinson.	Difference----	(3-8-5)	-242	+.1	0
CESOR PENWYN'S CHIEF 302781----------	7 daughters---	8	8,021	4.8	385
Born, 9-10-40; proved, 7-28-48;----; Wis.	5 daughters---	6	8,318	4.9	405
Sire, 254831; dam, 431317.	5 dams--------	16	8,647	5.0	431
Herd Owner, George McKerrow & Sons, Pewaukee.	Difference----	(2-2-2)	-329	-.1	-26
CHARM OF ROSE HILL 329555----------	6 daughters---	6	9,861	5.0	494
Born, 3-26-42; proved, 7-1-48; alive; Iowa.	5 daughters---	5	9,884	5.0	492
Sire, 243801; dam, 639956.	5 dams--------	14	6,912	4.7	326
Herd Owner, Springman & Randau, Story City.	Difference----	(5-5-5)	+2,972	+.3	+166
CIRCLE D 'S MAJOR 300595----------	16 daughters--	36	6,421	5.1	326
Born, 8-3-38; proved, 7-1-48; dead; Pa.	7 daughters---	14	6,482	5.2	334
Sire, 203576; dam, 489869.	7 dams--------	25	6,208	4.8	298
Herd Owner, Dr. J. Nelson Dunnick, New Freedom.	Difference----	(4-5-4)	+274	+.4	+36
CLARION OF HILL GIRT 151657----------	17 daughters--	33	6,634	4.8	316
Born, 3-8-28; proved, 7-28-48;----; N. Y.	7 daughters---	16	6,064	4.9	300
Sire, 108708; dam, 176087.	7 dams--------	10	8,415	4.6	389
Herd Owner, Judson J. Morgan, Canandaigua.	Difference----	(1-5-0)	-2,351	+.3	-89
CLIFFSIDE PRINCE SHAH 296937----------	5 daughters---	8	8,777	4.7	413
Born, 9-20-40; proved, 7-19-48;----; Va.	5 dams--------	16	8,168	4.8	391
Sire, 233236; dam, 644612.	Difference----	(5-2-3)	+609	-.1	+22
Herd Owner, Roy E. Groseclose, Marion.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
COLORADO VICTORION 228330----------	6 daughters--	[illegible]	8,936	4.4	393
Born, 3-17-35; proved, 7-20-48; dead; Colo.	6 dams-------	11	8,746	4.0	352
Sire, 183830; dam, 310045.	Difference---	(4-5-4)	+190	+.4	+41
Herd Owner, R. M. Berthalf, Pueblo.					
CORONATION IMPERIAL 257304----------	7 daughters--	9	6,877	5.0	342
Born, 9-8-37; proved, 7-21-48;----; N. Y.	7 dams-------	14	7,536	4.7	356
Sire, 241114; dam, 356031.	Difference---	(2-5-2)	-659	+.3	-14
Herd Owner, Philip Vander Goes, North Chatham.					
CRESCENT'S CZAR 302199----------	9 daughters--	13	7,868	5.2	406
Born, 2-10-41; proved, 7-26-48;----; Wis.	8 daughters--	11	8,039	5.2	414
Sire, 259673; dam, 361748.	8 dams-------	24	7,821	4.9	381
Herd Owner, Sunny Lea Farm, Oconomowoc.	Difference---	(4-7-4)	+218	+.3	+33
DARIGOLD KING 220589----------	6 daughters--	12	8,316	5.1	421
Born, 5-1-34; proved, 7-26-48;----; Wash.	5 daughters--	9	8,349	5.2	432
Sire, 180582; dam, 206407.	5 dams-------	10	7,314	5.4	393
Herd Owner, C. E. Entsminger, Oso.	Difference---	(2-1-2)	+1,035	-.2	+39
DOUGLASTON LORD DONALD 209349 *11----------	37 daughters-	66	7,449	4.9	368
Born, 2-5-33; proved, 7-16-48;----; Wis.	17 daughters-	30	7,355	5.0	367
Sire, 166260; dam, 358449.	17 dams------	37	8,571	4.7	402
Used in Badger Co-op. A.B.A.	Difference---	(3-14-5)	-1,216	+.3	-35
DUANE'S PRIDE 283726----------	9 daughters--	9	7,703	4.8	367
Born, 9-2-39; proved, 7-16-48;----; Wis.	9 dams-------	22	6,767	5.1	347
Sire, 209975; dam, 373780.	Difference---	(8-2-7)	+936	-.3	+20
Herd Owner, John H. Taylor, Owen.					
ECHOLAND SLOGAN 300041----------	8 daughters--	13	7,412	5.0	370
Born, 10-12-39; proved, 7-12-48;----; Conn.	8 dams-------	42	8,728	4.6	404
Sire, 226543 ;dam, 607970.	Difference---	(3-7-2)	-1,316	+.4	-34
Herd Owner, Malcolm Riddel Wibberley, Canterbury.					
EDNA MAY'S SPARTAN KING 283698----------	7 daughters--	12	7,096	5.2	370
Born, 1-18-40; proved, 7-1-48; dead; Pa.	6 daughters--	9	7,160	5.3	377
Sire, 240129; dam, 429014.	6 dams-------	12	7,230	4.7	343
Herd Owner, Albin Johnson, Kane.	Difference---	(2-5-3)	-70	+.6	+34
ELMWOOD FARMS ROYAL MASTER 319654 ----------	10 daughters-	10	9,290	4.5	417
Born, 2-25-42; proved, 7-14-48;----; Ind.	10 dams------	30	7,878	4.4	350
Sire, 279696; dam, 251227.	Difference---	(8-6-9)	+1,412	+.1	+67
Used in Indiana A.B.A.					
ESTHER'S FRED 303022----------	10 daughters-	11	8,443	4.8	409
Born, 2-15-40; proved, 7-27-48;----; Pa.	7 daughters--	8	8,338	4.7	390
Sire, 247992; dam, 491574.	7 dams-------	17	8,351	4.5	379
Herd Owner, J.C.Mathias & Lash Brothers, West Newton.	Difference---	(4-4-4)	-13	+.2	+11
ETH-MEAD PRIM'S FOREMAN 288398----------	10 daughters-	14	7,730	5.1	397
Born, 3-19-40; proved, 7-1-48;----; Mich.	9 daughters--	12	7,516	5.2	390
Sire, 189819; dam, 460690.	9 dams-------	20	7,420	5.3	392
Herd Owner, Mrs. James Van Pelt, Owosso.	Difference---	(5-3-4)	+96	-.1	-2
FAITH'S GUARDSMAN 299389----------	12 daughters-	15	5,860	4.5	264
Born, 12-8-38; proved, 7-8-48;----; Wis.	11 daughters-	13	5,885	4.6	268
Sire, 250308; dam, 512686.	11 dams------	36	6,570	4.6	300
Herd Owner, Nick Skrede, Readstown.	Difference---	(1-7-3)	-685	.0	-32
FIRCREST PATRON 300602----------	14 daughters-	27	8,784	4.9	430
Born, 2-1-40; proved, 7-28-48;----; Wash.	11 daughters-	20	8,965	4.9	438
Sire, 269030; dam, 359443.	11 dams------	30	9,472	5.0	476
Herd Owner, Fred & Lloyd Manthey, Bellingham.	Difference---	(6-3-5)	-507	-.1	-38
FOREMOST CROWN PRINCE 254678----------	9 daughters--	17	7,379	4.8	357
Born, 3-26-37; proved, 7-16-48;----; N. J.	6 daughters--	12	7,234	4.9	353
Sire, 137088; dam, 151351.	6 dams-------	10	8,745	4.6	404
Herd Owner, Happy Valley Farm, Branchville.	Difference---	(2-3-3)	-1,511	+.3	-51
FOREMOST ROM 250676----------	11 daughters-	14	8,850	4.8	420
Born, 1-24-37; proved, 7-21-48;----; Wis.	9 daughters--	10	8,597	4.7	405
Sire, 185651; dam, 249170.	9 dams-------	36	7,664	4.6	353
Herd Owner, Melvin Haferbecker, Appleton.	Difference---	(5-4-7)	+933	+.1	+52
FORWARD FARMS VAGABOND 312690----------	6 daughters--	6	8,088	4.8	391
Born, 9-24-41; proved, 7-19-48;----; Vt.	6 dams-------	31	6,846	4.9	332
Sire, 287358; dam, 264962.	Difference---	(5-4-5)	+1,242	-.1	+59
Herd Owner, Riford Farm, Proctorsville.					
FOXBURG'S ANDALUSIA'S CLARION 251130----------	11 daughters-	20	7,558	4.0	300
Born, 2-7-37; proved, 7-16-48;----; Pa.	10 daughters-	19	7,629	3.9	299
Sire, 231111; dam, 386750.	10 dams------	47	8,029	4.2	338
Herd Owner, Wahlberg Bros., Kane.	Difference---	(4-4-2)	-400	-.3	-39

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FRA-MAR CHAMPION 292107----------	8 daughters--	9	7,891	4.3	338
Born, 7-22-40; proved, 7-19-48;----; Vt.	8 dams-------	39	7,705	4.7	363
Sire, 230720; dam, 373672.	Difference---	(5-1-3)	+186	-.4	-25
Herd Owner, Springfield Town Farm, Springfield.					
FRANCHESTER NOBLE AMBITION 299376----------	8 daughters--	10	9,569	4.9	467
Born, 8-22-40; proved, 7-16-48;----; Ind.	8 dams-------	23	9,724	4.6	450
Sire, 196361; dam, 430653.	Difference---	(4-6-5)	-155	+.3	+17
Herd Owner, P. O. Shierling & Sons, Winchester.					
FRITZLYN EASTER FANCY 270845----------	7 daughters--	20	7,383	5.0	373
Born, 3-16-39; proved, 7-30-48;----; Pa.	7 dams-------	38	8,141	5.2	419
Sire, 221832; dam, 393391.	Difference---	(2-4-1)	-748	-.2	-46
Herd Owner, W. Paul Mummert, Chambersburg.					
FRITZ'S LADDY OF FERNWOOD 214075----------	7 daughters--	15	6,808	5.0	337
Born, 10-11-33; proved, 7-19-48;----; Pa.	6 daughters--	13	6,946	5.0	348
Sire, 161595; dam, 238961.	6 dams-------	23	5,975	5.0	299
Herd Owner, Donald Straw, Mansfield.	Difference---	(5-4-4)	+971	.0	+49
GARNET OF ARIZONA FARMS 241558----------	6 daughters--	9	7,554	4.7	351
Born, 7-7-36; proved, 7-13-48; dead; Ariz.	5 daughters--	8	7,385	4.7	346
Sire, 163512; dam, 297752.	5 dams-------	13	8,456	4.5	381
Herd Owner, William J. Rasmussen, Phoenix.	Difference---	(2-3-2)	-1,071	+.2	-35
GAY BOY'S MAJOR 259573----------	8 daughters--	13	5,686	4.7	265
Born, 3-29-37; proved, 7-21-48;----; Pa.	6 daughters--	10	5,812	4.5	263
Sire, 159168; dam, 400243.	6 dams-------	6	6,692	5.0	337
Herd Owner, H. G. Baugher, Aspers.	Difference---	(2-1-1)	-880	-.5	-74
GLENBURNIE HARO 300297----------	7 daughters--	7	9,072	4.9	448
Born, 4-3-40; proved, 7-8-48;----; N. J.	6 daughters--	8	9,311	5.0	463
Sire, 262087; dam, 482278.	6 dams-------	19	9,294	4.9	454
Herd Owner, S. I. Newhouse, Harbourton.	Difference---	(3-3-4)	+17	+.1	+9
GLENDA'S IDOL OF OAK GROVE 254811----------	7 daughters--	8	7,434	5.0	372
Born, 1-1-36; proved, 7-16-48;----; Wis.	5 daughters--	6	7,410	4.9	365
Sire, 210343; dam, 442009.	5 dams-------	9	7,828	5.0	391
Herd Owner, John Ellis, Endeavor.	Difference---	(2-2-2)	-418	-.1	-26
GLENWATER GOLDEN CHARMER 286184----------	9 daughters--	10	7,642	5.1	387
Born, 12-15-39; proved, 7-9-48;----; Wis.	7 daughters--	7	8,059	5.1	414
Sire, 237407; dam, 331710.	7 dams-------	12	8,081	5.0	402
Herd Owner, Herman Gugdahl, New Lisbon.	Difference---	(2-5-5)	-22	+.1	+12
GOLDEN RULER OF LAUREL LOCKS 250292----------	8 daughters--	38	7,168	5.1	368
Born, 11-25-33; proved, 7-21-48;----; Pa.	5 daughters--	26	7,183	5.2	373
Sire, 197195; dam, 374870.	5 dams-------	25	7,609	5.1	389
Herd Owner, Miles D. Hollenbach, Shartlesville.	Difference---	(2-2-3)	-426	+.1	-16
GOLDEN WARRIOR OF BIRCH BRAE 289863----------	6 daughters--	9	6,229	5.2	324
Born, 11-23-39; proved, 7-8-48; alive; N. Y.	5 daughters--	8	6,140	5.2	321
Sire, 231556; dam, 365570.	5 dams-------	18	8,601	4.7	405
Herd Owner, Yissakbar Shwartz, Earlville.	Difference---	(0-5-0)	-2,461	+.5	-84
GRAPELAWN ROYSTER 255797----------	7 daughters--	20	8,173	5.3	433
Born, 7-26-37; proved, 7-19-48;----; Va.	7 dams-------	30	7,117	5.5	392
Sire, 171782; dam, 325547.	Difference---	(5-2-5)	+1,056	-.2	+41
Herd Owner, J. A. May, Burkeville.					
GREEN CREST SUNNY BOY 298028----------	6 daughters--	10	9,026	4.2	382
Born, 9-12-40; proved, 7-9-48;----; Ohio.	5 daughters--	8	9,095	4.3	388
Sire, 280053; dam, 573917.	5 dams-------	5	10,133	4.7	475
Herd Owner, A. E. Reddick & Harley Wolford, Jenera.	Difference---	(1-1-0)	-1,038	-.4	-87
GREEN MEADS NAPOLEON 254995----------	6 daughters--	7	8,540	4.8	407
Born, 6-20-37; proved, 7-21-48;----; Wis.	6 dams-------	33	8,055	4.7	377
Sire, 196128; dam, 321873.	Difference---	(4-2-4)	+485	+.1	+30
Herd Owner, David Owen, Mukwonago.					
GRENFEL BUTTERFAT WINDSOR 286063----------	20 daughters-	20	8,035	4.5	365
Born, 5-23-39; proved, 7-14-48;----; Wis.	19 daughters-	19	8,038	4.5	366
Sire, 229809; dam, 287271.	19 dams------	39	7,348	4.8	351
Herd Owner, Frank M. Gorham, Camp Douglas.	Difference---	(12-8-10)	+690	-.3	+15
GWYNLIAN GUARDSMAN 284437----------	9 daughters--	9	6,659	5.1	342
Born, 12-13-39; proved, 7-9-48;----; Pa.	9 dams-------	49	8,973	5.0	447
Sire, 225135; dam, 409751.	Difference---	(1-8-2)	-2,314	+.1	-105
Herd Owner, Willow Brook Farm, Catasauqua.					
HANSENAREA SEQUEL 278727----------	16 daughters-	32	6,384	4.8	306
Born, 11-10-38; proved, 7-9-48; dead; N. Y.	10 daughters-	19	6,709	4.6	309
Sire, 207357; dam, 438786.	10 dams------	30	7,481	4.6	345
Herd Owner, Lawrence D. Hansen, South Valley	Difference---	(2-4-4)	-772	.0	-36

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
HAYFIELD'S LEADER 281391----------	7 daughters--	11	5,610	4.8	268
Born, 9-16-39; proved, 7-1-48; dead; N. Y.	7 dams-------	28	7,339	4.5	327
Sire, 214348; dam, 454201.	Difference---	(1-7-2)	-1,729	+.3	-59
Herd Owner, Alex Wooden, Clinton Corners.					
HAYFIELD'S SILVER LINER 281910----------	14 daughters-	24	7,933	5.1	403
Born, 10-13-39; proved, 7-7-48; dead; N. Y.	8 daughters--	13	7,909	5.2	411
Sire, 214348; dam, 437702.	8 dams-------	29	8,531	4.9	418
Herd Owner, Lynn H. Holmes & Son, New Woodstock.	Difference---	(4-6-3)	-622	+.3	-7
HELENDALE LUCILE'S MAXIMUS 299872----------	7 daughters--	7	7,376	4.8	354
Born, 11-18-40; proved, 7-9-48;----; Wis.	6 daughters--	6	7,266	4.8	348
Sire, 236223; dam, 406807.	6 dams-------	15	7,462	4.7	348
Herd Owner, A. W. Hargrave, Ripon.	Difference---	(2-5-2)	-196	+.1	0
HILDA'S ADMIRAL OF OWEN'S PLACE 249048----------	10 daughters-	14	7,547	5.2	390
Born, 9-10-35; proved, 7-16-48;----; Ind.	8 daughters--	10	7,478	5.1	380
Sire, 218349; dam, 364607.	8 dams-------	12	6,282	5.3	334
Herd Owner, Walter S. Baker & Walter Huff, Bourbon.	Difference---	(5-0-5)	+1,196	-.2	+46
HORSE SHOE FALLS ADMIRAL 217363----------	13 daughters-	29	9,407	4.8	455
Born, 2-3-34; proved, 7-27-48;----; N. Y.	6 daughters--	11	9,419	4.9	459
Sire, 189154; dam, 276735.	6 dams-------	13	8,441	4.7	399
Herd Owner, A. J. McNab, Pine Plains.	Difference---	(5-4-5)	+978	+.2	+60
HORSE SHOE KINGS OF SHANNOCK 285404----------	13 daughters-	15	8,500	4.8	404
Born, 3-22-40; proved, 7-16-48;----; Conn.	13 dams------	47	7,983	4.9	390
Sire, 205129; dam, 484375.	Difference---	(8-5-7)	+517	-.1	+14
Herd Owner, Manatuck Farm, Stonington.					
IMPROVER'S ROYAL GENERAL 251403----------	6 daughters--	17	7,509	4.4	333
Born, 4-29-37; proved, 7-21-48;----; N.Y.	5 daughters--	13	7,385	4.5	331
Sire, 212938; dam, 339715.	5 dams-------	14	8,097	5.0	401
Herd Owner, O. M. Barnes & Sons, Horseheads.	Difference---	(1-1-1)	-712	-.5	-70
INVERNESS GENTLEMAN 152110----------	34 daughters-	68	6,543	4.6	301
Born, 3-23-28; proved, 7-19-48;----; Va.	11 daughters-	21	6,525	4.6	299
Sire, 100246; dam, 197549.	11 dams------	21	6,834	4.7	319
Herd Owner, Mrs. E. G. Bagley, Jr., Kenbridge.	Difference---	(4-6-4)	-309	-.1	-20
JOE QUINCY OF VALLEY VIEW 295018----------	7 daughters--	12	7,063	4.5	320
Born, 6-26-39; proved, 7-2-48;----; Va.	7 dams-------	28	5,972	4.6	277
Sire, 252966; dam, 530069.	Difference---	(7-3-6)	+1,091	-.1	+43
Herd Owner, Earl Adkins, Troutville.					
KENFLEUR'S NELSON ALERT 301079 *11----------	13 daughters-	26	7,824	5.0	393
Born, 11-17-40; proved, 7-16-48; alive; Iowa	11 daughters-	23	7,809	5.0	392
Sire, 198651; dam, 571233.	11 dams------	30	6,733	4.7	319
Herd Owner, H. H. Powers & Son, Ames.	Difference---	(9-9-9)	+1,076	+.3	+73
KENFLEUR'S ROSE'S ALERT 299765----------	8 daughters--	10	8,412	4.6	389
Born, 2-1-41; proved, 7-28-48;----; Ill.	7 daughters--	9	8,334	4.7	391
Sire, 198651; dam, 412587.	7 dams-------	15	6,725	5.0	339
Herd Owner, Weaver C. Healy, Loda.	Difference---	(5-2-3)	+1,609	-.3	+52
LAD'S MAJOR OF ARBY ACRES 315576----------	6 daughters--	6	9,150	5.4	491
Born, 10-26-41; proved, 7-19-48; dead; N. Y.	6 dams-------	9	7,405	5.3	389
Sire, 255115; dam, 542433.	Difference---	(4-2-4)	+1,745	+.1	+102
Herd Owner, Henry S. Nichols, Arcade.					
LADY'S ALICE'S NEMO OF NILES 287638----------	9 daughters--	11	8,182	5.2	423
Born, 12-24-39; proved, 7-1-48;----; Mich.	8 daughters--	8	8,175	5.2	427
Sire, 247525; dam, 426756.	8 dams-------	20	8,522	5.0	426
Herd Owner, Fred W. Knott, Niles.	Difference---	(4-7-4)	-347	+.2	+1
LAKE HILLS CHERUB DUKE 240453----------	5 daughters--	10	7,997	4.8	382
Born, 4-30-36; proved, 7-19-48;----; Mich.	5 dams-------	13	7,095	4.9	347
Sire, 193043; dam, 429431.	Difference---	(4-2-3)	+902	-.1	+35
Herd Owner, Mrs. Lula B. Wigginton, Paw Paw.					
LANGVALLEY EYEBRIGHT GENTLEMAN 302440----------	5 daughters--	5	8,632	5.1	437
Born, 5-3-41; proved, 7-19-48; alive; Md.	5 dams-------	11	7,352	5.4	396
Sire, 208541; dam, 434438.	Difference---	(4-2-4)	+1,280	-.3	+41
Herd Owner, Andrew J. Hoff, New Windsor.					
LANGWATER GOLD DAWN 293459----------	9 daughters--	15	7,635	5.2	401
Born, 8-4-40; proved, 7-9-48;----; Maine.	9 dams-------	60	7,478	5.6	422
Sire, 228886; dam, 590861.	Difference---	(5-2-5)	+157	-.4	-21
Herd Owner, Mr. & Mrs. Paul Roehrig, Westbrook.					
LANGWATER VERMONTER 254704----------	15 daughters-	21	6,932	4.7	322
Born, 4-28-37; proved, 7-1-48;----; Vt.	10 daughters-	16	6,348	4.8	302
Sire, 160256; dam, 457754.	10 dams------	33	8,227	4.7	386
Herd Owner, Kenwood Farm, Shelburne.	Difference---	(1-6-2)	-1,879	+.1	-84

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LEASURE RUN GEM 227003----------	10 daughters-	26	6,796	4.9	331
Born, 5-29-35; proved, 7-28-48;----; Pa.	5 daughters--	15	7,190	5.0	357
Sire, 187311; dam, 244468.	5 dams-------	9	6,549	4.8	311
Herd Owner, Walter Willison, Rimersburg.	Difference---	(4-3-4)	+641	+.2	+46
LINCOLN LOYAL 251367----------	16 daughters-	17	8,980	4.7	420
Born, 6-12-37; proved, 7-21-48;----; Mass.	12 daughters-	13	9,139	4.7	432
Sire, 210523; dam, 299270.	12 dams------	32	7,573	5.0	376
Used in Central Maine A. B. A., Maine.	Difference---	(11-4-8)	+1,566	-.3	+56
LINWOOD'S GALLANT KNIGHT 201052----------	6 daughters--	13	8,206	4.6	381
Born, 12-11-31; proved, 7-21-48;----; Minn.	5 daughters--	12	7,937	4.7	377
Sire, 146488; dam, 186676.	5 dams-------	13	8,654	4.8	417
Herd Owner, Ralph Sisler, Grand Rapids.	Difference---	(2-2-1)	-717	-.1	-40
LOCKSHORE MOONFOLLY 290595----------	10 daughters-	15	6,762	5.4	363
Born, 5-23-40; proved, 7-1-48;----; Iowa.	8 daughters--	12	6,774	5.4	363
Sire, 230516; dam, 459235.	8 dams-------	42	7,521	5.1	384
Used in Humboldt Co-op. A. B. A.	Difference---	(2-7-2)	-747	+.3	-21
MACK OF SPRINGVIEW 285327----------	5 daughters--	7	6,755	4.5	306
Born, 5-8-37; proved, 7-14-48;----; Ohio.	5 dams-------	16	7,837	4.8	378
Sire, 208110; dam, 251894.	Difference---	(1-3-0)	-1,082	-.3	-72
Herd Owner, Jay Jackson, La Grange.					
MADREY FARM STEADFAST 302625----------	7 daughters--	8	7,975	5.3	426
Born, 5-19-41; proved, 7-26-48;----; N. Y.	6 daughters--	7	8,022	5.4	432
Sire, 223212; dam, 376655.	6 dams-------	31	7,243	5.3	387
Herd Owner, Heweshurst Farms, Mayville.	Difference---	(5-3-6)	+779	+.1	+45
MARGOL'S SUNSHINE VALLEY MAJOR 298024----------	7 daughters--	10	5,647	4.6	258
Born, 9-16-40; proved, 7-14-48;----; Wis.	6 daughters--	8	5,868	4.5	263
Sire, 259815; dam, 553788.	6 dams-------	23	6,777	4.9	335
Herd Owner. Henry Rummler, Watertown.	Difference---	(2-2-2)	-909	-.4	-69
MARIE'S LEADER 252189----------	6 daughters--	14	7,644	4.7	356
Born, 9-21-36; proved, 7-21-48;----; Maine.	5 daughters--	12	7,665	4.6	353
Sire, 193618; dam, 453201.	5 dams-------	11	7,332	4.8	354
Herd Owner, Floyd R. Pickard & Sons, Bangor.	Difference---	(2-2-2)	+333	-.2	-1
MASTERFUL'S FRED OF HILLSIDE 267148 *10----------	22 daughters-	70	8,246	5.0	410
Born, 4-6-38; proved, 7-28-48;----; Pa.	21 daughters-	67	8,228	5.0	408
Sire, 207765; dam, 274092.	21 dams------	122	7,901	4.8	381
Herd Owner, Ernest E. Ritter, Winfield.	Difference---	(10-13-13)	+327	+.2	+27
MAY BLOSSOM'S JEWELL 285780----------	8 daughters--	11	6,635	5.2	345
Born, 3-31-39; proved, 7-8-48; dead; Minn.	7 daughters--	10	6,762	5.1	347
Sire, 228073; dam, 531196.	7 dams-------	8	6,806	4.8	330
Herd Owner, Alfred Stevenson, Gheen.	Difference---	(3-4-3)	-44	+.3	+17
MCDONALD FARMS DON JUAN 267272----------	7 daughters--	10	9,222	4.4	409
Born, 10-11-38; proved, 7-30-48;----; Pa.	6 daughters--	9	9,076	4.4	403
Sire, 212939; dam, 498621.	6 dams-------	14	8,215	4.7	388
Herd Owner, Joseph B. Sutliff Estate, Benton.	Difference---	(4-1-3)	+861	-.3	+15
MCDONALD FARMS FAXON 325432----------	11 daughters-	17	7,484	5.1	382
Born, 5-15-40; proved, 7-20-48; dead; N. Y.	8 daughters--	11	7,779	5.0	386
Sire, 262516; dam, 596311.	8 dams-------	19	7,883	4.8	377
Herd Owner, S. L. Lockwood, Union Springs.	Difference---	(4-6-4)	-104	+.2	+9
MCDONALD FARMS GLEANER 307815----------	7 daughters--	12	8,491	4.8	408
Born, 6-1-41; proved, 7-12-48;----; Pa.	6 daughters--	10	8,746	4.8	420
Sire, 233983; dam, 557953.	6 dams-------	8	5,696	5.1	288
Herd Owner, James M. Rodgers, McVeytown.	Difference---	(6-2-6)	+3,050	-.3	+132
MEADOWHILL PETROS' BILL 317317----------	5 daughters--	5	8,675	4.9	422
Born, 3-18-42; proved, 7-28-48;----; Ill.	5 dams-------	20	9,106	5.3	487
Sire, 288442; dam, 724431.	Difference---	(3-1-1)	-431	-.4	-65
Herd Owner, Raymond Green, Gibson City.					
MEADOW LODGE REX'S REVELER 254345----------	7 daughters--	7	7,671	4.6	356
Born, 9-6-37; proved, 7-21-48;----; Kans.	6 daughters--	6	8,236	4.6	379
Sire, 159247; dam, 371174.	6 dams-------	16	7,482	5.0	370
Herd Owner, Roy Neher, Oswego.	Difference---	(4-2-3)	+754	-.4	+9
MEREDITH PREMIER 112669----------	7 daughters--	7	6,817	4.8	328
Born, 1-15-25; proved, 7-26-48;----; Maine.	6 daughters--	6	6,636	4.8	320
Sire, 85020; dam, 79730.	6 dams-------	23	8,072	4.7	381
Herd Owner, Laudholm Farms, Wells.	Difference---	(1-4-2)	-1,436	+.1	-61
MIRTH'S GENERAL GALLANT 300560----------	6 daughters--	7	6,710	5.6	376
Born, 12-5-40; proved, 7-16-48;----; Wis.	5 daughters--	6	7,208	5.6	406
Sire, 220637; dam, 359124.	5 dams-------	12	7,303	5.0	366
Used in Trempealeau Co-op. A. B. A.	Difference---	(4-4-4)	-95	+.6	+40

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MOBJACK FASHION 257700----------	13 daughters-	21	8,225	4.9	404
Born, 12-8-37; proved, 7-27-48;----; Va.	8 daughters--	11	8,602	4.9	425
Sire, 199862; dam, 412580.	8 dams-------	24	8,063	4.7	378
Herd Owner, C. D. M. Showalter, Roanoke.	Difference---	(5-7-6)	+539	+.2	+47
MONARCH'S PROUD KING 246999----------	6 daughters--	12	7,076	4.9	346
Born, 1-20-37; proved, 7-16-48;----; Wis.	6 dams-------	16	7,124	5.0	355
Sire, 212753; dam, 408635.	Difference---	(4-3-2)	-48	-.1	-9
Herd Owner, Donald Hardie, Blair.					
MOON'S SLOGAN MIKE 301956----------	5 daughters--	5	7,421	4.5	334
Born, 1-24-41; proved, 7-19-48;----; Wis.	5 dams-------	11	8,336	4.4	370
Sire, 206674; dam, 515189.	Difference---	(1-2-2)	-915	+.1	-36
Herd Owner, Howard E. Wood, Oshkosh.					
NOVA FARM'S SARGENT 316284----------	8 daughters--	10	6,400	4.5	286
Born, 3-4-41; proved, 7-1-48;----; Pa.	7 daughters--	9	6,267	4.5	283
Sire, 266523; dam, 669120.	7 dams-------	25	6,135	4.7	286
Herd Owner, Dr. Clyde F. Peairs, Sutersville.	Difference---	(4-2-4)	+132	-.2	-3
OLD FARMSTEAD DICTATOR 285542----------	16 daughters-	20	7,702	4.9	380
Born, 10-30-39; proved, 7-12-48;----; Wis.	12 daughters-	15	7,485	4.9	369
Sire, 185999; dam, 509595.	12 dams------	42	7,539	5.1	383
Herd Owner, Newton Pearson, River Falls.	Difference---	(5-7-6)	-54	-.2	-14
ORLANDO'S SUPREME OF RED RIVER 285785----------	7 daughters--	10	7,880	4.8	375
Born, 12-5-39; proved, 7-9-48;----; Wis.	5 daughters--	7	7,883	4.6	364
Sire, 216969; dam, 494152.	5 dams-------	16	7,698	5.1	393
Herd Owner, Arthur C. Murphy & Sons, Chilton.	Difference---	(3-1-2)	+185	-.5	-29
PETERKIN OF MT. PLEASANT VIEW 255311----------	10 daughters-	20	9,550	4.5	427
Born, 10-20-36; proved, 7-28-48;----; Conn.	6 daughters--	12	9,708	4.4	430
Sire, 146815; dam, 403635.	6 dams-------	7	8,427	4.4	370
Herd Owner, Harkness Estate, Waterford.	Difference---	(5-3-6)	+1,281	.0	+60
PINE MANOR AZTEC 267523----------	6 daughters--	8	9,099	4.7	425
Born, 7-23-38; proved, 7-30-48;----; Ind.	5 daughters--	7	9,218	4.6	428
Sire, 153105; dam, 303089.	5 dams-------	8	8,555	5.3	458
Herd Owner, Murray & Southworth, Plymouth.	Difference---	(4-1-1)	+663	-.7	-30
POBLANOS TAXPAYER 243168----------	6 daughters--	7	7,357	4.7	342
Born, 2-23-36; proved, 7-21-48;----; N. Mex.	5 daughters--	6	7,801	4.6	359
Sire, 170758; dam, 374873.	5 dams-------	19	8,949	4.5	406
Herd Owner, Los Poblanos Ranch, Albuquerque.	Difference---	(1-3-1)	-1,148	+.1	-47
QUAIL ROOST MAXIM'S IDEAL 256205----------	8 daughters--	11	7,520	5.3	401
Born, 1-10-37; proved, 7-21-48;----; N. C.	6 daughters--	8	7,326	5.1	376
Sire, 104016; dam, 337194.	6 dams-------	12	8,442	5.1	433
Herd Owner, George Watts Hill, Rougemont.	Difference---	(2-4-2)	-1,116	.0	-57
QUAIL ROOST MAXIM'S PATRICIAN 251094----------	10 daughters-	12	8,113	4.7	381
Born, 5-1-37; proved, 7-21-48;----; Va.	7 daughters--	9	8,318	4.7	388
Sire, 104016; dam, 325329.	7 dams-------	18	7,836	4.9	387
Herd Owner, Beauregard Stock Farm, Brandy.	Difference---	(4-0-4)	+482	-.2	+1
QUINCY BRIGHT MASTER 302477----------	10 daughters-	10	8,636	5.1	445
Born, 7-16-40; proved, 7-26-48;----; W. Va.	10 dams------	42	7,865	5.0	395
Sire, 243818; dam, 539472.	Difference---	(8-7-7)	+771	+.1	+50
Herd Owner, Cronin & Hall, Jane Lew.					
RAEMELTON ROYAL COURIER 209408----------	5 daughters--	10	7,928	4.9	386
Born, 12-25-32; proved, 7-20-48;----; Ohio.	5 dams-------	12	7,393	4.9	360
Sire, 197342; dam, 333999.	Difference---	(5-3-4)	+535	.0	+26
Herd Owner, R. R. Clymer & Sons, Defiance.					
RIDGLYDALE'S DERUCHETTE ALERT 250771----------	23 daughters-	47	9,371	4.5	425
Born, 10-21-36; proved, 7-21-48;----; Ill.	9 daughters--	14	9,891	4.5	447
Sire, 198651; dam, 216753.	9 dams-------	24	9,147	4.9	452
Herd Owner, Robert L. Adair, Urbana.	Difference---	(6-2-5)	+744	-.4	-5
RIVEREDGE ALERT'S LOYALIST 286531----------	17 daughters-	27	6,985	4.7	326
Born, 5-3-40; proved, 7-1-48; dead; Pa.	17 dams------	73	8,301	4.9	403
Sire, 236364; dam, 450380.	Difference---	(4-8-2)	-1,316	-.2	-77
Herd Owner, Edgar King, East Berlin.					
RIVEREDGE FRANCOIS' PRESIDENT 254840----------	9 daughters--	14	7,694	4.6	357
Born, 6-18-37; proved, 7-28-48;----; Pa.	8 daughters--	13	7,628	4.6	352
Sire, 231919; dam, 295960.	8 dams-------	29	8,310	4.7	394
Herd Owner. W. H. Dreibelbis & Sons, Shoemakersville.	Difference---	(2-4-2)	-682	-.1	-42
ROZELYN LUKE 322452----------	7 daughters--	9	8,909	4.9	438
Born, 8-26-41; proved, 7-19-48;----; Wash.	7 dams-------	29	8,070	4.6	370
Sire, 274759; dam, 633512.	Difference---	(5-5-6)	+839	+.3	+68
Herd Owner, E. B. Jacobson & G. C. Digerness, Sumas.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SANDY OF VERMILLION FARM 300986----------	16 daughters-	20	7,786	4.7	366
Born, 10-8-40; proved, 7-20-48;----; Wis.	10 daughters-	14	8,026	4.9	393
Sire, 185999; dam, 567578.	10 dams------	24	6,753	4.7	319
Herd Owner, Wilmer Younggren, River Falls.	Difference---	(8-5-8)	+1,273	+.2	+74
SATISFACTION'S DUKE 237310----------	15 daughters-	36	5,910	4.7	280
Born, 6-17-35; proved, 7-16-48;----; Vt.	6 daughters--	15	6,212	4.7	292
Sire, 188939; dam, 395367.	6 dams-------	13	5,676	4.4	252
Herd Owner, Forrest H. Abbott, Burlington.	Difference---	(4-5-4)	+536	+.3	+40
SCOTTIE'S DANNY OF MARKENDALE 302940 *12----------	8 daughters--	13	6,471	5.0	321
Born, 1-22-41; proved, 7-21-48;----; Wis.	7 daughters--	11	6,652	5.0	332
Sire, 227174; dam, 586775.	7 dams-------	39	6,931	4.8	334
Herd Owner, Calvin Barta, Two Rivers.	Difference---	(4-5-5)	-279	+.2	-2
SEDGLEY ALBERT'S NOBLE 299264----------	7 daughters--	9	8,017	5.0	404
Born, 10-22-40; proved, 7-16-48;----; Ill.	6 daughters--	8	8,152	5.0	409
Sire, 271364; dam, 643731.	6 dams-------	19	8,401	4.8	406
Herd Owner, Glenn W. Allen, Delavan.	Difference---	(3-5-3)	-249	+.2	+3
SENATOR OF GOLDEN GLOW 256326----------	37 daughters-	59	9,138	4.7	428
Born, 1-8-37; proved, 7-27-48;----; Wash.	27 daughters-	46	9,053	4.8	432
Sire, 185783; dam, 432846.	27 dams------	97	6,778	5.0	340
Herd Owner, Lowden Livestock Co., Lowden.	Difference---	(24-7-23)	+2,275	-.2	+92
SHERWOOD FOREST ANIMATION 301346----------	5 daughters--	5	7,156	5.4	390
Born, 1-19-41; proved, 7-19-48;----; Va.	5 dams-------	11	7,862	4.9	384
Sire, 225916; dam, 407695.	Difference---	(2-4-2)	-706	+.5	+6
Herd Owner, Spring Knoll Farm, Falmouth.					
SHERWOOD FOREST MIMIR 284298----------	8 daughters--	8	9,319	4.6	429
Born, 12-10-39; proved, 7-26-48;----; Va.	6 daughters--	6	8,592	4.7	404
Sire, 225916; dam, 491068.	6 dams-------	13	7,626	4.6	349
Herd Owner, Spring Knoll Farm, Falmouth.	Difference---	(5-5-5)	+966	+.1	+55
SHORELAND PLEASANT PLAYMATE 285113----------	8 daughters--	11	6,705	4.7	312
Born, 9-20-37; proved, 7-14-48;----; Wis.	6 daughters--	9	6,352	4.6	295
Sire, 196127; dam, 263476.	6 dams-------	20	8,033	4.5	359
Used in Badger Co-op. A. B. A.	Difference---	(0-4-0)	-1,681	+.1	-64
SIR PLUS 281225----------	8 daughters--	16	7,256	4.9	359
Born, 9-25-39; proved, 7-9-48; dead; Pa.	8 dams-------	30	8,792	5.1	451
Sire, 247155; dam, 436125.	Difference---	(1-3-1)	-1,536	-.2	-92
Herd Owner, Edson Smith, Lawrenceville.					
SLEEPY HOLLOW LOVER'S ROYAL 284160----------	12 daughters-	18	10,049	4.6	461
Born, 12-21-39; proved, 7-1-48; alive; Calif.	12 dams------	40	7,383	4.5	332
Sire, 184902; dam, 424677.	Difference---	(12-8-11)	+2,666	+.1	+129
Herd Owner, Ray Gambonini, Petaluma.					
STAR'S NOBLE KING 300040----------	7 daughters--	8	8,947	4.5	407
Born, 7-25-40; proved, 7-8-48;----; Pa.	6 daughters--	7	8,869	4.5	401
Sire, 257891; dam, 508077.	6 dams-------	24	8,120	4.7	385
Herd Owner, Ralph C. Handley, Meadville.	Difference---	(3-1-3)	+749	-.2	+16
SUNBEAM'S KING OF HOP YARD 255803----------	6 daughters--	6	6,694	5.0	336
Born, 10-28-37; proved, 7-16-48;----; Va.	5 daughters--	5	6,852	4.9	336
Sire, 163182; dam, 428861.	5 dams-------	11	7,042	4.4	311
Herd Owner, A. E. Houff, Waynesboro.	Difference---	(2-5-4)	-190	+.5	+25
SUNNYBROOK MESMERIST 300015----------	10 daughters-	11	9,339	4.3	397
Born, 3-14-40; proved, 7-12-48;----; N. J.	6 daughters--	7	8,887	4.5	397
Sire, 210248; dam, 292034.	6 dams-------	22	8,491	3.9	330
Herd Owner, Alexander Iler, Middletown.	Difference---	(4-6-4)	+396	+.6	+67
TEDDY'S PAUL 250120----------	19 daughters-	48	7,602	4.9	373
Born, 3-21-37; proved, 7-19-48;----; Pa.	9 daughters--	28	7,930	4.9	389
Sire, 198586; dam, 355641.	9 dams-------	35	7,776	4.9	380
Herd Owner, Edwin S. Hooker & J. T. Adams, Belleville.	Difference---	(6-7-5)	+154	.0	+9
TEDDY'S ROBERT 250119----------	15 daughters-	33	8,091	4.6	374
Born, 3-16-37; proved, 7-21-48;----; Pa.	9 daughters--	19	7,992	4.8	381
Sire, 198586; dam, 430671.	9 dams-------	38	8,579	4.8	413
Herd Owner, Roland M. Smith, Marion Center.	Difference---	(2-4-2)	-587	.0	-32
UNA'S STAR OF BLUE VISTA 316897----------	11 daughters-	13	7,322	5.1	374
Born, 9-7-40; proved, 7-14-48;----; N. Y.	10 daughters-	11	7,305	5.0	368
Sire, 268347; dam, 420898.	10 dams------	29	7,322	5.1	373
Herd Owner, Henry S. Nichols, Arcade.	Difference---	(4-3-4)	-17	-.1	-5
VALLEY GEM CACIQUE 304746----------	7 daughters--	8	8,296	4.8	395
Born, 5-8-41; proved, 7-28-48;----; Wash.	5 daughters--	6	8,357	4.7	396
Sire, 198293; dam, 506793.	5 dams-------	16	8,375	4.9	413
Herd Owner, Harvey Peissner, Yelm.	Difference---	(3-2-2)	-18	-.2	-17

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WALDORF'S MINA'S PILGRIM 141154----------	15 daughters-	42	7,610	4.8	362
Born, 11-24-27; proved, 7-29-48;----; N. Y.	5 daughters--	12	7,514	4.8	362
Sire, 79617; dam, 96906.	5 dams-------	9	7,089	4.8	340
Herd Owner, Parker Corning Estate, Glenmont.	Difference---	(3-2-3)	+425	.0	+22
WALDORF VALIANT ROSSMORE 309445----------	7 daughters--	7	5,605	4.8	267
Born, 12-14-40; proved, 7-1-48;----; N. Y.	5 daughters--	5	5,197	4.7	246
Sire, 272274; dam, 595499.	5 dams-------	15	8,003	4.8	382
Herd Owner, Philip Vander Goes, North Chatham.	Difference---	(0-2-0)	-2,806	-.1	-136
WANDAMERE AUBURN'S DOUGLAS 249045----------	20 daughters-	23	9,503	5.3	503
Born, 12-20-36; proved, 7-16-48;----; Oreg.	8 daughters--	8	9,335	5.3	498
Sire, 216612; dam, 405498.	8 dams-------	9	9,848	4.6	448
Herd Owner, W. H. Brandt, Silverton.	Difference---	(3-8-6)	-513	+.7	+50
WHITE OAK COUNTRY NOBLE 285653----------	7 daughters--	12	8,797	4.7	416
Born, 5-9-39; proved, 7-16-48;----; Pa.	5 daughters--	9	9,074	4.8	434
Sire, 181961; dam, 518244.	5 dams-------	25	8,446	5.2	436
Herd Owner, B. L. Hindenach, Easton.	Difference---	(4-1-3)	+628	-.4	-2
WILLOWMERE YANCY B. 319590----------	8 daughters--	8	6,689	5.2	349
Born, 2-5-42; proved, 7-1-48; alive; Va.	8 dams-------	26	7,856	4.6	364
Sire, 270110; dam, 625384.	Difference---	(4-7-3)	-1,167	+.6	-15
Herd Owner, Roy E. Grosecloss, Marion.					
WILLOW WOOD ROYAL MASTER 284239----------	9 daughters--	10	4,462	4.9	219
Born, 1-13-40; proved, 7-9-48;----; W. Va.	5 daughters--	6	4,330	4.8	207
Sire, 217129; dam, 542137.	5 dams-------	6	5,652	4.6	261
Herd Owner, J. C. Harton, Hogsett.	Difference---	(1-4-2)	-1,322	+.2	-54
WOODSIDE BUTTER QUEEN'S SAILOR 250797----------	22 daughters-	73	7,051	4.2	295
Born, 12-1-35; proved, 7-26-48;----; Pa.	13 daughters-	48	7,409	4.3	319
Sire, 206803; dam, 234041.	13 dams------	55	7,326	4.3	315
Herd Owner, A. Irvin Hostetter, Hanover.	Difference---	(8-7-8)	+83	.0	+4
WYEBROOK SCOTCH RAMBLER 278746----------	8 daughters--	13	7,253	4.9	358
Born, 1-27-39; proved, 7-2-48; dead; N. Y.	7 daughters--	11	7,285	5.0	362
Sire, 258732; dam, 478956.	7 dams-------	16	9,344	4.9	462
Herd Owner, Earl S. Williams, North Chatham.	Difference---	(0-4-0)	-2,059	+.1	-100
ZENDA RIVER ROGUE 298617----------	10 daughters-	10	7,222	5.1	366
Born, 2-6-41; proved, 7-16-48;----; N. Y.	9 daughters--	9	7,458	5.0	375
Sire, 226719; dam, 533618.	9 dams-------	23	6,959	5.1	351
Herd Owner, G.W. Brees & C.L. Perrin, De Kalb Junction.	Difference---	(6-3-6)	+499	-.1	+24
35*DW13876 (BANGS OR TB EARTAG)----------	10 daughters-	23	7,471	4.8	362
Born, ----; proved, 7-19-48;-----; Wis.	5 daughters--	13	7,780	4.8	276
Sire, ----; dam, ----.	5 dams-------	10	8,620	4.9	426
Herd Owner, Ralph Katner, Hudson.	Difference---	(2-3-1)	-840	-.1	-50
35*HE49172 (BANGS OR TB EARTAG)----------	9 daughters--	9	7,194	4.6	330
Born, ----; proved, 7-28-48;----; Wis.	7 daughters--	7	7,559	4.6	345
Sire, ----; dam, ----.	7 dams-------	22	7,372	4.7	350
Herd Owner, Frank Kasuboski, Berlin.	Difference---	(4-3-3)	+187	-.1	-5
35*DB54266 (BANGS OR TB EARTAG)----------	11 daughters-	17	7,924	4.3	343
Born, ----; proved, 7-28-48;----; Wis.	6 daughters--	7	7,799	4.3	337
Sire, ----; dam, ----.	6 dams-------	11	9,040	4.1	369
Herd Owner, Wussow Brothers, Bonduel.	Difference---	(1-5-1)	-1,241	+.2	-32
35*CK90463 (BANGS OR TB EARTAG)----------	6 daughters--	19	6,630	4.6	308
Born, ----; proved, 7-15-48;----; Wis.	6 dams-------	14	7,617	4.5	343
Sire, ----; dam, ----.	Difference---	(1-4-2)	-987	+.1	-35
Herd Owner, Ernest J. Stoeber, Middleton.					
48-B1756 (DHIA EARTAG)----------	6 daughters--	7	6,875	4.7	324
Born, ----; proved, 7-1-48;----; Kans.	5 daughters--	6	7,007	4.7	331
Sire, ----; dam, ----.	5 dams-------	10	5,679	4.8	272
Herd Owner, Lelah Works Estate, Humboldt.	Difference---	(5-3-5)	+1,328	-.1	+59

HOLSTEIN SIRES

ADEQUATE JERRY PONTIAC POSCH 801725----------	7 daughters--	8	12,539	3.5	438
Born, 10-4-39; proved, 7-22-48;----; Pa.	7 dams-------	14	13,632	3.4	469
Sire, 603155; dam, 1657111.	Difference---	(1-4-2)	-1,093	+.1	-31
Herd Owner, Theron D. Cooley, Nicholson.					
ADMIRAL BEAUTY ORMSBY ACE 807768----------	8 daughters--	13	13,066	3.7	480
Born, 3-12-40; proved, 7-29-48;----; Ill.	5 daughters--	9	13,230	3.8	496
Sire, 760180; dam, 1780755.	5 dams-------	8	13,752	3.5	484
Herd Owner, Grover Thomas, Mt. Morris.	Difference---	(2-3-3)	-522	+.3	+12

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ADMIRAL BESSIE SEGIS 788009----------	8 daughters--	11	11,242	3.3	375
Born, 4-14-39; proved, 7-20-48;----; Wis.	7 daughters--	9	11,522	3.3	380
Sire, 723901; dam, 1444901.	7 dams-------	10	12,116	3.2	391
Herd Owner, Emil A. Kuehl & Sons, Beaver Dam.	Difference---	(2-4-4)	-594	+.1	-11
ADMIRAL FORES ORMSBY DELLA 848698----------	8 daughters--	8	13,626	3.4	469
Born, 1-6-42; proved, 7-27-48;----; Wis.	8 dams-------	15	11,911	3.3	388
Sire, 718867; dam, 1595192.	Difference---	(7-6-7)	+1,715	+.1	+81
Herd Owner, W. D. Kyle, Jr., Oconomowoc.					
ADMIRAL ORMSBY FORES BEETS 838073----------	9 daughters--	10	13,975	3.4	474
Born, 9-22-41; proved, 7-1-48; dead; Wis.	7 daughters--	8	13,699	3.4	464
Sire, 782126; dam, 2129014.	7 dams-------	22	13,199	3.5	466
Herd Owner, Harvey Hamann, Sheboygan.	Difference---	(4-3-4)	+500	-.1	-2
ALBUS FARM AJAX OPAL 820681----------	10 daughters-	16	10,898	3.3	365
Born, 3-9-41; proved, 7-13-48;----; Pa.	10 dams------	31	9,152	3.2	292
Sire, 787413; dam, 1704591.	Difference---	(8-7-9)	+1,746	+.1	+73
Herd Owner, H. L. Sankey, Volant.					
ALLEN CROFT JOE REUBEN ORMSBY 805056----------	7 daughters--	9	10,605	3.3	346
Born, 3-1-40; proved, 7-1-48; dead; N. Y.	6 daughters--	7	10,394	3.3	339
Sire, 742929; dam, 1795586.	6 dams-------	24	10,038	3.4	344
Herd Owner, Ralph Allen, Newark Valley.	Difference---	(4-3-3)	+356	-.1	-5
ALTHRO GEORGE 740398----------	11 daughters-	15	12,501	3.6	448
Born, 5-18-37; proved, 7-1-48;----; N. H.	6 daughters--	8	12,074	3.5	423
Sire, 617203; dam, 1583195.	6 dams-------	8	11,362	3.6	407
Herd Owner, Theodore J. Frizzell, Charlestown.	Difference---	(4-2-4)	+712	-.1	+16
ALVERNO COLONY KORA ROMEO BESS 837846----------	7 daughters--	11	13,717	3.5	484
Born, 9-29-41; proved, 7-1-48;----; Wis.	7 dams-------	27	13,322	3.8	501
Sire, 778235; dam, 1751345.	Difference---	(2-1-2)	+395	-.3	-17
Herd Owner, John P. Meyer, Manitowoc.					
AMES ADMIRAL KING 867588----------	7 daughters--	7	15,542	3.3	518
Born, 10-11-42; proved, 7-1-48; dead; Iowa.	6 daughters--	6	15,455	3.4	522
Sire, 787210; dam, 1939769.	6 dams-------	15	12,848	3.2	415
Herd Owner, Iowa State College, Ames.	Difference---	(5-5-6)	+2,607	+.2	+107
ARROW PONTIAC KORNDYKE STAR 811496----------	5 daughters--	7	12,790	3.3	423
Born, 11-27-40; proved, 7-29-48;----; Pa.	5 dams-------	8	11,726	3.5	410
Sire, 754987; dam, 2004778.	Difference---	(3-1-3)	+1,064	-.2	+13
Herd Owner, Crystella Dairy Farm, Springville.					
BAKER FARM HARLEM 739233----------	16 daughters-	26	12,282	3.8	461
Born, 4-21-37; proved, 7-20-48;----; N. J.	10 daughters-	17	12,693	3.8	481
Sire, 608348; dam, 1500403.	10 dams------	34	12,714	3.6	464
Herd Owner, John Fox, Vernon.	Difference---	(5-10-5)	-21	+.2	+17
BAKER FARM KARNEY 818280----------	9 daughters--	10	10,191	3.5	354
Born, 7-12-40; proved, 7-13-48; alive; Pa.	7 daughters--	8	10,260	3.5	363
Sire, 125999 CHB; dam, 2134652.	7 dams-------	29	11,849	3.6	426
Used in New Hampshire A. B. A., N. H.	Difference---	(2-3-2)	-1,589	-.1	-63
BAKER FARM KNUDSEN 817051----------	7 daughters--	11	9,857	3.8	372
Born, 12-22-40; proved, 7-1-48;----; Conn.	5 daughters--	9	9,697	3.8	365
Sire, 733981; dam, 1832678.	5 dams-------	16	12,629	3.4	427
Herd Owner, C. A. Bader, Glastonbury.	Difference---	(0-5-0)	-2,932	+.4	-62
BAKER FARM WALKER LADEN 828758 *(March 1948)----------	8 daughters--	10	11,682	3.7	431
Born, 2-25-41; proved, 7-16-48;----; Mass.	8 dams-------	31	12,076	3.5	425
Sire, 608348; dam, 1865606.	Difference---	(3-6-4)	-394	+.2	+6
Used in Massachusetts A. B. A.					
BELLE BOY PONTIAC VALDIVA 758754----------	17 daughters-	23	12,178	3.4	412
Born, 9-13-37; proved, 7-26-48;----; Wis.	16 daughters-	22	12,476	3.4	421
Sire, 613227; dam, 1503488.	16 dams------	44	12,036	3.3	395
Herd Owner, Winnebago State Hospital, Winnebago.	Difference---	(10-10-10)	+440	+.1	+26
BERKWOOD JEWEL POSCH ORMSBY 801480----------	9 daughters--	10	12,067	3.3	398
Born, 11-15-39; proved, 7-27-48;----; Pa.	9 dams-------	35	12,996	3.4	438
Sire, 666928; dam, 1299301.	Difference---	(2-4-3)	-929	-.1	-40
Herd Owner, H. A. Thoren, Port Allegany.					
BESSLYN JOSEPH ORMSBY FORES 789322----------	12 daughters-	14	12,362	3.4	417
Born, 8-21-39; proved, 7-19-48;----; Minn.	5 daughters--	5	11,896	3.3	388
Sire, 711381; dam, 1536126.	5 dams-------	5	11,402	3.1	350
Herd Owner, Holcomb Brothers, Scandia.	Difference---	(3-4-3)	+494	+.2	+38
BESSLYN PAYMASTER ORMSBY SKYLARK 868203----------	6 daughters--	6	12,050	3.5	425
Born, 9-15-42; proved, 7-1-48;----; Wis.	6 dams-------	26	12,030	3.6	428
Sire, 710796; dam, 1583438.	Difference---	(3-4-3)	+20	-.1	-3
Herd Owner, Schmidt & Miller, Hillsdale.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
BIRDLAWN SENSATION WOODMASTER 838766	6 daughters--	6	10,793	3.6	390
Born, 4-11-41; proved, 7-1-48; dead; Wis.	6 dams-------	19	11,077	3.4	381
Sire, 720714; dam, 1553589.	Difference---	(3-4-3)	-284	+.2	+9
Herd Owner, Robert A. Bird, Oakfield.					
BONNY PRIDE ORMSBY 787375	6 daughters--	19	11,994	3.6	435
Born, 10-28-38; proved, 7-19-48;----; Wis.	5 daughters--	17	12,057	3.7	445
Sire, 688762; dam, 1761555.	5 dams-------	25	11,536	3.7	425
Herd Owner, Colonial Farms, St. Nazianz.	Difference---	(4-3-4)	+521	.0	+20
BRADCROFT CHIEFTAIN GRAND 877194	9 daughters--	10	12,264	3.8	471
Born, 11-13-41; proved, 7-6-48; dead; N. Y.	7 daughters--	8	12,736	3.9	494
Sire, 778659; dam, 1915943.	7 dams-------	26	13,080	3.8	498
Herd Owner, Arthur Bradley, Macedon.	Difference---	(4-3-3)	-344	+.1	-4
BRUCE DAD BOAST HERO 817074	8 daughters--	9	13,552	3.3	441
Born, 10-21-40; proved, 7-1-48; dead; N. Y.	6 daughters--	6	13,382	3.3	441
Sire, 565375; dam, 1915537.	6 dams-------	18	11,173	3.4	375
Herd Owner, Rollin F. Cass, Frewsburg.	Difference---	(5-4-5)	+2,209	-.1	+66
CALLAWAY SIR BESS RAG APPLE 741781	22 daughters-	27	11,395	3.5	400
Born, 11-17-36; proved, 7-26-48;----; Mo.	6 daughters--	9	12,327	3.3	410
Sire, 589388; dam, 1389183.	6 dams-------	15	11,894	3.2	386
Herd Owner, State Hospital # 2, St. Joseph.	Difference---	(4-4-3)	+433	+.1	+24
CARNATION COMPETITOR 734515	25 daughters-	41	11,763	3.4	399
Born, 5-18-36; proved, 7-1-48; dead; Utah.	22 daughters-	37	11,641	3.4	398
Sire, 396511; dam, 1512345.	22 dams-------	61	12,706	3.3	423
Herd Owner, Utah State Training School, American Fork.	Difference---	(8-16-9)	-1,065	+.1	-25
CARNATION CREAMELLE INKA MAY 764806	9 daughters--	16	8,982	3.7	336
Born, 3-22-38; proved, 7-26-48;----; N. Y.	8 daughters--	15	9,470	3.7	355
Sire, 678142; dam, 1771828.	8 dams-------	30	10,993	3.5	387
Herd Owner, Irving L. Klock, Fort Plain.	Difference---	(2-5-2)	-1,523	+.2	-32
CARNATION DEFIANCE 837631	8 daughters--	9	12,433	3.7	457
Born, 9-4-41; proved, 7-1-48;----; N. Y.	8 dams-------	12	10,067	3.9	397
Sire, 671573; dam, 1203377.	Difference---	(6-3-6)	+2,366	-.2	+60
Herd Owner, Edward D. Page, Leicester.					
CARNATION HOMESTEAD MCKINLEY 873324	5 daughters--	5	14,099	3.6	504
Born, 1-11-43; proved, 7-1-48; alive; Iowa.	5 dams-------	20	14,632	3.4	501
Sire, 629472; dam, 1331665.	Difference---	(2-4-4)	-533	+.2	+3
Herd Owner, Spies & Lein, Graettinger.					
CARNATION HOMESTEAD STANDARD 837639	6 daughters--	7	8,331	3.5	289
Born, 9-23-41; proved, 7-1-48; alive; N. Y.	6 dams-------	18	9,833	3.6	350
Sire, 629472; dam, 1421699.	Difference---	(2-2-1)	-1,502	-.1	-61
Herd Owner, Louie L. Northrop, New Woodstock.					
CARNATION IMPERIAL BONNELL 764790	9 daughters--	17	14,397	3.6	516
Born, 11-18-37; proved, 7-26-48;----; Wash.	6 daughters--	12	14,317	3.6	519
Sire, 698462; dam, 1820803.	6 dams-------	24	12,700	3.5	451
Herd Owner, Lockhart Farms, Mount Vernon.	Difference---	(3-4-5)	+1,617	+.1	+68
CARNATION PATTERN 826032	6 daughters--	8	10,401	3.6	370
Born, 3-19-41; proved, 7-23-48;----; N. Y.	6 dams-------	25	10,920	3.5	383
Sire, 629472; dam, 1771828.	Difference---	(3-5-8)	-519	+.1	-13
Herd Owner, Ira & C. M. Putman, Johnstown.					
CARNATION PERFECTION DESIGNER 837628	23 daughters-	30	11,793	3.8	442
Born, 8-28-41; proved, 7-7-48;----; Minn.	18 daughters-	24	11,973	3.7	447
Sire, 671573; dam, 1379047.	18 dams------	31	11,845	3.6	430
Herd Owner, Harold E. Williams & Son, Lake Crystal.	Difference---	(10-14-12)	+128	+.1	+17
CARNATION PERFECTION PROSPECT LAD 826041	5 daughters--	5	12,656	3.6	456
Born, 4-30-41; proved, 7-23-48;----; Idaho.	5 dams-------	16	15,669	3.5	555
Sire, 671573; dam, 1203364.	Difference---	(0-3-1)	-3,013	+.1	-99
Herd Owner, Roy Eddlemon, Nampa.					
CEYDERMEAD HOMESTEAD IDEAL OLLIE 771770	9 daughters--	25	12,415	3.4	423
Born, 3-17-38; proved, 7-20-48;----; N. Y.	5 daughters--	17	12,348	3.5	437
Sire, 671072; dam, 1501625.	5 dams-------	31	12,824	3.4	438
Herd Owner, Walter Kopp, Cuba.	Difference---	(2-4-2)	-476	+.1	-1
CEYDERMEAD LADDIE SYLVIUS 809772	9 daughters--	14	15,126	3.4	517
Born, 1-24-40; proved, 7-21-48;----; N. Y.	5 daughters--	9	14,956	3.5	521
Sire, 760946; dam, 1920274.	5 dams-------	19	12,363	3.4	416
Herd Owner, George J. Patrick & Sons, Leicester.	Difference---	(5-3-5)	+2,593	+.1	+105
CEYDERMEAD ORMSBY CHIEF 694960	5 daughters--	16	10,195	3.9	399
Born, 12-4-33; proved, 7-28-48;----; N. Y.	5 dams-------	20	9,963	3.8	380
Sire, 500000; dam, 1292199.	Difference---	(2-3-2)	+232	+.1	+19
Herd Owner, Ceylon R. Snider, Fillmore.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CHASEHOLME KERK CREAMELLE 854543----------	7 daughters--	9	11,244	3.7	420
Born, 6-10-40; proved, 7-2-48;----; Conn.	6 daughters--	8	12,240	3.7	454
Sire, 725627; dam, 1786064.	6 dams-------	18	12,674	3.6	455
Herd Owner, A. J. Brown, Brookfield.	Difference---	(3-5-3)	-434	+.1	-1
CHERRYBOLD FORES IDEAL 805117----------	6 daughters--	11	12,727	3.4	439
Born, 4-1-40; proved, 7-1-48;----; Wis.	6 dams-------	30	12,456	3.6	447
Sire, 737642; dam, 1904001.	Difference---	(3-1-3)	+271	-.2	-8
Used in Tri-County A. B. A.					
CHESTERSONS VIE FASHION 839020----------	8 daughters--	14	11,957	3.4	404
Born, 11-24-41; proved, 7-1-48; dead; Iowa.	8 dams-------	32	12,104	3.3	403
Sire, 716452; dam, 1950126.	Difference---	(2-4-2)	-147	+.1	+1
Herd Owner, J. F. Ingels & Son, Maynard.					
CLEM-WALS DUKE 796410----------	7 daughters--	15	8,916	3.3	294
Born, 6-4-39; proved, 7-29-48;----; Pa.	5 daughters--	11	9,382	3.3	312
Sire, 696115; dam, 1763282.	5 dams-------	25	10,845	3.4	371
Herd Owner, Howard L. Baker, Center Square.	Difference---	(1-2-1)	-1,463	-.1	-59
CLOVE VALLEY POSCH TEDDY 780660 *11----------	14 daughters-	23	12,169	3.8	457
Born, 6-27-39; proved, 7-22-48; dead; N. Y.	14 dams------	63	10,734	3.6	391
Sire, 643579; dam, 1913533.	Difference---	(11-9-12)	+1,435	+.2	+66
Herd Owner, Kelley Brothers, Halcottsville.					
CLOVE VALLEY SUPREME SATISFACTION 864818 ----------	10 daughters-	10	15,010	3.8	575
Born, 8-29-42; proved, 7-15-48;----; N. Y.	10 dams------	34	11,327	4.0	453
Sire, 825543; dam, 2078313.	Difference---	(10-3-10)	+3,683	-.2	+122
Herd Owner, Mrs. J. M. Huff & Sons, Hemlock.					
COLANTHUS RAG APPLE JOHANNA 772008----------	6 daughters--	8	11,290	3.4	382
Born, 3-15-38; proved, 7-22-48;----; Ill.	5 daughters--	7	11,131	3.4	377
Sire, 757566; dam, 1418979.	5 dams-------	10	10,970	3.2	355
Herd Owner, Edward Gantzert & Lyle Grieff, Dwight.	Difference---	(3-4-3)	+161	+.2	+22
COLONY MIRANDA HEILO SIR ROMEO 825044----------	6 daughters--	8	13,436	3.4	459
Born, 8-2-40; proved, 7-28-48;----; Ill.	5 daughters--	7	13,028	3.3	436
Sire, 495741; dam, 284402 CHB.	5 dams-------	11	13,761	3.4	471
Herd Owner, J. Albert Whitcomb, Burnside.	Difference---	(2-3-2)	-733	-.1	-35
COLONY NETHERLAND VICTOR 862613----------	5 daughters--	5	14,099	3.6	504
Born, 6-24-42; proved, 7-1-48; dead; Kans.	5 dams-------	23	12,044	3.5	420
Sire, 815854; dam, 1735222.	Difference---	(4-3-4)	+2,055	+.1	+84
Herd Owner, Carel Pults, Horton.					
COLONY VALE SIR ROMEO 16TH 880803----------	9 daughters--	9	11,325	3.5	391
Born, 5-16-42; proved, 7-13-48;----; Wis.	8 daughters--	8	10,927	3.4	376
Sire, 124858 CHB; dam, 342119 CHB.	8 dams-------	14	11,084	3.7	412
Herd Owner, Ray A. Lamberson & Son, Whitehall.	Difference---	(5-2-3)	-157	-.3	-36
COLONY WIMPLE SIR HEILO 891952----------	19 daughters-	19	10,489	3.3	349
Born, 12-20-40; proved,7-19-48;----; Wis.	12 daughters-	12	10,972	3.3	364
Sire, 467933; dam, 351054 CHB.	12 dams------	24	12,803	3.3	425
Herd Owner, Clark McConnell, Ripon.	Difference---	(3-7-3)	-1,831	.0	-61
COMMANDER PRIDE ORMSBY 825352----------	9 daughters--	13	12,811	3.3	426
Born, 10-30-40; proved, 7-28-48;----; Iowa.	8 daughters--	11	12,995	3.3	428
Sire, 754520; dam, 1959004.	8 dams-------	50	12,424	3.4	421
Herd Owner, Allan Robertson, Walcott.	Difference---	(6-3-5)	+571	-.1	+7
CORNELL BLEND JULIAN 773851----------	8 daughters--	8	9,649	3.3	321
Born, 9-10-38; proved, 7-28-48;----; N. Y.	7 daughters--	7	9,599	3.3	320
Sire, 722643; dam, 1799811.	7 dams-------	14	9,475	3.4	327
Herd Owner, Clarence Hayes, Montour Falls.	Difference---	(3-3-3)	+124	-.1	-7
CORNELL PLEDGE GERRY 838450----------	14 daughters-	16	12,650	3.6	457
Born, 7-1-41; proved, 7-1-48; dead; N. Y.	12 daughters-	14	12,468	3.6	449
Sire, 746743; dam, 1980969.	12 dams------	45	11,983	3.5	414
Herd Owner, J. Sloat Welles & Sons, Elmira.	Difference---	(8-9-10)	+485	+.1	+35
CORNELL PRIDE 9TH 721416----------	5 daughters--	5	11,027	3.5	381
Born, 11-13-35; proved, 7-28-48;----; N. Y.	5 dams-------	15	9,451	3.5	333
Sire, 689012; dam, 1619792.	Difference---	(4-1-4)	+1,576	.0	+48
Herd Owner, Lester D. Rees, Fillmore.					
CORNELL SUPREME VICTOR 862476----------	10 daughters-	10	10,447	3.5	363
Born, 7-1-42; proved, 7-1-48;----; N. Y.	10 dams------	31	13,492	3.6	487
Sire, 819169; dam, 2123534.	Difference---	(0-5-0)	-3,045	-.1	-124
Herd Owner, Lynn H. Holmes & Son, New Woodstock.					
CORRECTION IDEAL DE KOL 755915----------	14 daughters-	28	11,560	3.8	435
Born, 9-19-37; proved, 7-12-48;----; Wis.	14 dams------	36	8,593	4.0	347
Sire, 707191; dam, 1674387.	Difference---	(11-6-12)	+2,967	-.2	+88
Herd Owner, Teisberg Brothers, Cottage Grove.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
CORRECTION PABST BURKE 801834	9 daughters--	12	11,252	3.5	399
Born, 9-11-39; proved, 7-1-48; dead; Wis.	6 daughters--	8	11,953	3.5	419
Sire, 748393; dam, 1133345.	6 dams-------	19	10,671	3.4	363
Herd Owner, Wilford C. Halverson, Deerfield.	Difference---	(5-4-4)	+1,282	+.1	+56
COUNT POSCH ABBEKERK FAYNE 863185	5 daughters--	5	8,001	3.5	280
Born, 10-13-40; proved, 7-1-48;----; N. Y.	5 dams-------	17	10,610	3.3	345
Sire, 132647 CHB; dam, 2270595.	Difference---	(0-5-0)	-2,609	+.2	-65
Herd Owner, Earl Wight, Canton.					
COUNTRY HOME CHARM PLUS 788988	10 daughters-	10	11,197	3.5	388
Born, 2-24-40; proved, 7-13-48;----; Ill.	7 daughters--	7	11,029	3.5	387
Sire, 750783; dam, 1589028.	7 dams-------	9	10,091	3.5	355
Herd Owner, Julius Sewing, Elwood.	Difference---	(6-3-5)	+938	.0	+32
CREATOR DE KOL ORMSBY OF MAPLEWOOD 825053	12 daughters-	12	9,850	3.6	350
Born, 1-10-41; proved, 7-28-48;----; Iowa.	6 daughters--	6	11,375	3.6	408
Sire, 782993; dam, 1801142.	6 dams-------	14	11,420	3.6	415
Herd Owner, Gearhard Freese, Monticello.	Difference---	(3-4-3)	-45	.0	-7
CRESCENT JULE FOBES 866533	11 daughters-	12	12,198	3.5	430
Born, 1-28-42; proved, 7-2-48;----; Wis.	11 dams------	32	12,640	3.7	464
Sire, 789081; dam, 1851215.	Difference---	(7-5-5)	-442	-.2	-34
Herd Owner, Edwin W. Seybold, Hilbert.					
CURLES KING PAULINE 765129	12 daughters-	14	9,454	3.6	336
Born, 9-11-38; proved, 7-26-48;----; Va.	7 daughters--	8	9,138	3.4	308
Sire, 517106; dam, 1165856.	7 dams-------	13	8,841	3.8	336
Used in Pulaski Co-op. A. B. A.	Difference---	(3-1-2)	+297	-.4	-28
DAUNTLESS DIRECT TUTTS 766409 *11	9 daughters--	23	10,719	3.8	404
Born, 12-4-38; proved, 7-20-48; dead; Pa.	9 dams-------	38	12,675	3.6	460
Sire, 668530; dam, 1843602.	Difference---	(3-7-3)	-1,956	+.2	-56
Herd Owner, Craola Farms, Inc., Imperial.					
DEAN FOBES HOMESTEAD ORMSBY 882042	9 daughters--	9	9,129	3.6	331
Born, 11-2-41; proved, 7-8-48;----; Iowa.	7 daughters--	7	8,798	3.7	328
Sire, 777762; dam, 2409376.	7 dams-------	31	10,683	3.6	383
Herd Owner, Ruth & Dale Turner, Postville.	Difference---	(1-5-1)	-1,885	+.1	-55
DE KOL ORMSBY FOBES HOMESTEAD 857198	7 daughters--	10	8,287	3.6	299
Born, 1-26-42; proved, 7-6-48; dead; Minn.	5 daughters--	6	9,308	3.6	335
Sire, 755056; dam, 1919579.	5 dams-------	14	10,869	3.8	414
Herd Owner, Erwin Voth, Goodhue.	Difference---	(1-1-1)	-1,561	-.2	-79
DENVER ORMSBY SYLVIA 800548	5 daughters--	7	12,406	3.5	436
Born, 2-4-40; proved, 7-21-48;----; Pa.	5 dams-------	17	12,212	3.6	434
Sire, 788031; dam, 2081516.	Difference---	(3-2-3)	+194	-.1	+2
Herd Owner, Kenneth Crawford, Tyrone.					
DEYO HOMESTEAD HAZELWOOD EMPEROR 746483	6 daughters--	7	13,054	3.6	471
Born, 9-27-37; proved, 7-1-48;----; N. Y.	6 dams-------	21	13,119	3.7	491
Sire, 715381; dam, 1737145.	Difference---	(4-3-3)	-65	-.1	-20
Herd Owner, Elting Du Bois & Son, Pine Bush.					
DODGE COUNTY GRACE SEGIS 870733	6 daughters--	7	8,955	3.5	315
Born, 3-18-42; proved, 7-1-48;----; Wis.	5 daughters--	6	9,081	3.5	320
Sire, 787993; dam, 1708925.	5 dams-------	16	9,254	3.7	339
Herd Owner, S. B. Jones & Sons Co., Watertown.	Difference---	(3-3-3)	-173	-.2	-19
DOUGVIC PATHFINDER ADMIRAL 870002	6 daughters--	6	16,070	3.6	582
Born, 4-20-42; proved, 7-1-48;----; Ill.	5 daughters--	5	16,865	3.6	600
Sire, 776238; dam, 2117534.	5 dams-------	17	13,671	3.4	466
Herd Owner, George Frederiksen, Dwight.	Difference---	(5-4-5)	+3,194	+.2	+134
DUNLOGGIN FON MARATHON 811985	5 daughters--	5	11,154	3.4	375
Born, 11-1-40; proved, 7-28-48;----; Wis.	5 dams-------	9	13,381	3.5	475
Sire, 751640; dam, 1897962.	Difference---	(1-3-1)	-2,227	-.1	-100
Herd Owner, Arthur Clark, Wisconsin Rapids.					
DUNLOGGIN GYPSIE GINGER 759509 *10	17 daughters-	22	12,463	3.5	438
Born, 7-6-38; proved, 7-21-48;----; Pa.	16 daughters-	21	12,674	3.5	446
Sire, 723898; dam, 1575136.	16 dams------	46	11,385	3.4	387
Herd Owner, H. R. Paulhamus, Cogan Station.	Difference---	(12-12-13)	+1,289	+.1	+59
DUNLOGGIN MASTER DEEN 751641	30 daughters-	47	10,228	3.6	368
Born, 12-7-37; proved, 7-19-48;----; Md.	14 daughters-	19	9,480	3.5	331
Sire, 667915; dam, 1661825.	14 dams------	42	11,630	3.5	405
Used in La Porte Co-op. A. B. A., Ind.	Difference---	(1-8-0)	-2,150	.0	-74
DUNLOGGIN OLIVER MATADOR 759507	13 daughters-	19	11,064	3.3	361
Born, 5-23-38; proved, 7-26-48;----; Pa.	8 daughters---	10	9,984	3.2	315
Sire, 724944; dam, 1765382.	8 dams-------	31	11,331	3.5	392
Herd Owner, Edgar W. Weaner, Gettysburg.	Difference---	(1-1-0)	-1,347	-.3	-77

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
EARLYWAY BARON LAWN 888790----------	7 daughters--	7	12,422	3.8	478
Born, 7-15-42; proved, 7-2-48;----; Wis.	6 daughters--	6	12,402	3.8	477
Sire, 811482; dam, 2049605.	6 dams-------	23	12,908	3.5	451
Herd Owner, Hiawatha Farm, Sturtevant.	Difference---	(3-6-4)	-506	+.3	+26
EBENEZER ORMSBY CREAMELLE 769571----------	6 daughters--	9	9,901	3.4	336
Born, 11-25-38; proved, 7-21-48;----; Wis.	5 daughters--	8	10,329	3.4	348
Sire, 757371; dam, 1687707.	5 dams-------	8	10,602	3.7	388
Herd Owner, William Widmann, Jefferson.	Difference---	(2-0-2)	-273	-.3	-40
EBENEZER PIPER SADIE 825437----------	7 daughters--	8	12,333	3.4	415
Born, 1-3-41; proved, 7-29-48;----; Wis.	6 daughters--	7	13,349	3.3	439
Sire, 697680; dam, 1730368.	6 dams-------	21	10,775	3.7	394
Herd Owner, Ward Bros., Fort Atkinson.	Difference---	(5-0-5)	+2,574	-.4	+45
E B SEGIS RESERVE 820196----------	18 daughters-	34	8,827	3.6	318
Born, 11-21-40; proved, 7-6-48;----; Pa.	12 daughters-	22	8,846	3.6	319
Sire, 781482; dam, 1733941.	12 dams------	23	7,303	3.4	251
Herd Owner, George V. Warren, Canton.	Difference---	(9-10-11)	+1,543	+.2	+68
ECHO IDEAL FORUM 800211----------	10 daughters-	12	14,087	3.4	474
Born, 11-25-39; proved, 7-21-48;----; Wis.	7 daughters--	8	14,875	3.4	502
Sire, 756087; dam, 1743231.	7 dams-------	14	11,162	3.3	369
Herd Owner, R. L. Anderson & Sons, Whitewater.	Difference---	(7-4-7)	+3,713	+.1	+133
ECHO MEADE STAR PRILLY 751694----------	7 daughters--	12	12,137	3.2	384
Born, 1-11-37; proved, 7-8-48;----; Wis.	7 dams-------	7	10,619	3.8	399
Sire, 705009; dam, 1789978.	Difference---	(5-1-3)	+1,518	-.6	-15
Herd Owner, Samuel L. Mann, Waukesha.					
EDWARNOS GLORIOUS KING 811904 *12----------	18 daughters-	23	10,662	3.3	355
Born, 9-9-40; proved, 7-20-48;----; W. Va.	14 daughters-	18	10,825	3.3	361
Sire, 758396; dam, 1979037.	14 dams------	33	10,016	3.2	321
Herd Owner, Greenbrier Military School Dairy, Lewisburg.	Difference---	(10-10-9)	+809	+.1	+40
ELCO POSCH SUMMIT KING 819904----------	6 daughters--	6	12,052	3.4	405
Born, 10-15-40; proved, 7-9-48;----; N. Y.	5 daughters--	5	12,001	3.4	403
Sire, 758327; dam, 1929028.	5 dams-------	24	12,917	3.6	470
Herd Owner, Martin Bros., Auburn.	Difference---	(1-1-1)	-916	-.2	-67
ELGIN ORMSBY PROUD BOY 829155----------	33 daughters-	38	12,205	3.5	431
Born, 11-7-40; proved, 7-27-48;----; Okla.	15 daughters-	17	11,887	3.7	434
Sire, 677540; dam, 1925654.	15 dams------	24	12,420	3.5	433
Herd Owner, Central Oklahoma State Hospital, Norman.	Difference---	(6-11-8)	-533	+.2	+1
ELMVIEW KING DIXIE 827895----------	10 daughters-	15	9,256	3.6	330
Born, 3-27-40; proved, 7-27-48;-----; N. Y.	9 daughters--	13	9,001	3.6	327
Sire, 111889 CHB; dam, 321832 CHB.	9 dams-------	48	11,350	3.9	443
Herd Owner, Walter W. Clay, Tully.	Difference---	(0-3-0)	-2,349	-.3	-116
FAYNE PRILLY POSCH 792812----------	9 daughters--	9	11,339	3.2	360
Born, 4-10-38; proved, 7-13-48;----; Ohio.	8 daughters--	8	11,480	3.2	369
Sire, 705363; dam, 1993631.	8 dams-------	8	13,398	3.3	436
Herd Owner, S. E. Kingrey, Tipp City.	Difference---	(1-4-1)	-1,918	-.1	-67
FORUM MEDALIST MONOGRAM 724903----------	7 daughters--	15	10,676	3.3	357
Born, 8-21-35; proved, 7-30-48;----; Iowa.	5 daughters--	[illegible]	10,110	3.5	353
Sire, 647840; dam, 1313424.	5 dams-------	10	12,374	3.3	412
Herd Owner, Mt. Pleasant State Hospital, Mt. Pleasant.	Difference---	(1-4-1)	-2,264	+.2	-59
FOSTERDALE FERDINAND 790846----------	5 daughters--	10	9,047	3.5	318
Born, 3-19-39; proved, 7-16-48;----; N. Y.	5 dams-------	28	11,030	3.5	384
Sire, 643930; dam, 1924547.	Difference---	(1-3-1)	-1,983	.0	-66
Herd Owner, Ralph M. Allen, Newark Valley.					
FRIEDEL JOE MASTERPIECE 733993----------	27 daughters-	56	11,174	3.7	414
Born, 1-26-36; proved, 7-1-48; dead; Del.	22 daughters-	50	11,076	3.7	408
Sire, 685010; dam, 1318299.	22 dams------	97	11,473	3.4	394
Herd Owner, Purnel F. Friedel, Viola.	Difference---	(10-18-11)	-397	+.3	+14
F S H QOBO KORNDYKE FAYNE 875201----------	6 daughters--	6	12,712	3.9	493
Born, 12-13-42; proved, 7-6-48;----; Conn.	5 daughters--	5	12,475	3.9	486
Sire, 722276; dam, 1994038.	5 dams-------	15	12,708	3.6	456
Herd Owner, Fairfield State Hospital, Newtown.	Difference---	(3-4-3)	-233	+.3	+30
GENERAL ORMSBY FOBES DIRECT 762872----------	8 daughters--	13	12,181	3.3	400
Born, 3-22-38; proved, 7-26-48;----; Wis.	5 daughters--	9	12,707	3.3	416
Sire, 694224; dam, 1356429.	5 dams-------	16	11,949	3.3	396
Herd Owner, Paul Elmer & Sons, Brooklyn.	Difference---	(4-3-4)	+758	.0	+20
GENODALE ORMSBY CONFIDENT 823594 *12----------	8 daughters--	14	10,822	3.5	381
Born, 1-17-41; proved, 7-22-48; alive; N. Y.	8 dams-------	37	11,202	3.5	391
Sire, 748807; dam, 1974353.	Difference---	(3-4-4)	-380	.0	-10
Herd Owner, Loren J. Rowe, Halcottsville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
GENODALE ORMSBY NIG SUCCESSOR 773861 ----------	36 daughters-	54	11,155	3.4	383
Born, 1-2-39; proved, 7-1-48;dead; N. Y.	22 daughters-	29	11,300	3.4	388
Sire, 671669; dam, 1861006.	22 dams------	58	11,662	3.6	417
Herd Owner, Robert W. Halbert & Son, Gilbertsville.	Difference---	(12-9-9)	-362	-.2	-29
GERALDINE BESSIE ALEXINA 758400----------	15 daughters-	21	10,166	3.6	361
Born, 1-5-38; proved, 7-29-48; dead; N. Y.	11 daughters-	14	9,751	3.5	341
Sire, 728911; dam, 1845341.	11 dams------	40	9,357	3.5	331
Herd Owner, Laurence W. Roe, Earlville.	Difference---	(6-7-8)	+394	.0	+10
G-FARM DENVER PRINCE 753399----------	6 daughters--	7	8,781	3.4	297
Born, 11-20-37; proved, 7-8-48;----; Wis.	6 dams-------	12	9,341	3.7	342
Sire, 692008; dam, 1796855.	Difference---	(2-1-1)	-561	-.3	-45
Herd Owner, Morris Hemsing & Gene Garvoille, Stoughton.					
GILBRIDES GOV CARNATION PIEBE 788629----------	7 daughters--	9	12,224	3.2	396
Born, 12-28-39; proved, 7-16-48;----; N. Y.	7 dams-------	15	9,709	3.6	352
Sire, 705160; dam, 1780231.	Difference---	(6-0-6)	+2,515	-.4	+44
Herd Owner, Merritt Broughton, Jr., Silver Springs.					
GILKEY FARMS TOP ROW 815176 *11----------	18 daughters-	30	11,741	3.5	409
Born, 11-30-40; proved, 7-15-48;----; Minn.	16 daughters-	28	11,939	3.5	417
Sire, 770892; dam, 1891226.	16 dams------	71	11,646	3.4	396
Used in Tri-State Co-op. A. B. A., Wis.	Difference---	(9-11-10)	+293	+.1	+21
GODFREYS MARTO IBSEN FOUNDER 810247----------	10 daughters-	13	12,940	3.4	440
Born, 8-29-40; proved, 7-13-48;----; Wis.	9 daughters--	12	12,499	3.4	428
Sire, 750581; dam, 1811999.	9 dams-------	17	11,446	3.4	394
Herd Owner, Chris L. Sprecher, Plain.	Difference---	(6-5-7)	+1,053	.0	+34
GOVERNOR HENGERVELD ORMSBY 751203----------	6 daughters--	10	11,884	3.7	437
Born, 2-2-37; proved, 7-1-48;----; N. Y.	5 daughters--	9	11,331	3.7	419
Sire, 707754; dam, 1698599.	5 dams-------	13	11,203	3.5	391
Herd Owner, Punch Brook Farm, Millerton.	Difference---	(2-4-3)	+128	+.2	+28
GOVERNOR ORMSBY OAK 742705----------	8 daughters--	10	9,245	3.5	323
Born, 10-24-36; proved, 7-21-48;----; Minn.	5 daughters--	6	9,333	3.6	333
Sire, 554952; dam, 1385594.	5 dams-------	15	11,408	3.3	379
Used in Central Minnesota A. B. A.	Difference---	(0-4-1)	-2,075	+.3	-46
GOVERNOR PEARL ORMSBY BURKE 2D 787503----------	12 daughters-	14	10,806	3.7	401
Born, 12-6-39; proved, 7-20-48;----; Wis.	10 daughters-	11	10,575	3.7	395
Sire, 759370; dam, 1428393.	10 dams------	22	10,828	3.6	388
Used in Minnesota A. B. A., Minn.	Difference---	(4-9-4)	-253	+.1	+7
GRAND PRE MAN-O-WAR CORSAIR 801625----------	6 daughters--	6	11,053	3.4	372
Born, 7-15-39; proved, 7-23-48;----; Mo.	5 daughters--	5	11,589	3.4	389
Sire, 639850; dam, 1351056.	5 dams-------	12	10,588	3.4	361
Herd Owner, H. B. McCrory, Columbia.	Difference---	(4-2-4)	+1,001	.0	+28
GRANTVIEW KING BESSIE ARTIS CANARY 861318----------	11 daughters-	12	9,992	3.4	343
Born, 11-13-41; proved, 7-1-48; dead; N. Y.	7 daughters--	8	10,238	3.4	350
Sire, 111721 CHB; dam, 401689 CHB.	7 dams-------	17	10,589	3.4	359
Herd Owner, Milton A. Wood, Clark Mills.	Difference---	(4-4-4)	-351	.0	-9
GREEN HILL GENERAL JO 828088----------	6 daughters--	7	14,103	3.8	539
Born, 4-6-41; proved, 7-23-48;----; Pa.	6 dams-------	24	14,989	3.8	572
Sire, 647558; dam, 1851957.	Difference---	(2-4-1)	-886	.0	-33
Herd Owner, Westmoreland County Home, Greensburg.					
GREENWOOD CORPORAL 811091----------	7 daughters--	9	11,163	3.4	380
Born, 3-3-40; proved, 7-28-48;----; Pa.	6 daughters--	8	11,479	3.4	391
Sire, 713668; dam, 1752048.	6 dams-------	12	12,261	3.5	428
Herd Owner, Theorous Kauffman & Son, Mifflintown.	Difference---	(1-2-2)	-782	-.1	-37
GREENWOOD DEAL JERRY 870724----------	6 daughters--	6	11,020	3.5	391
Born, 5-20-42; proved, 7-9-48;----; Pa.	6 dams-------	29	11,845	3.8	445
Sire, 769435; dam, 2137363.	Difference---	(1-1-1)	-825	-.3	-54
Herd Owner, Phil L. Isaacs, Canton.					
HALLROSE SIR ZOZO INKA 752624----------	10 daughters-	15	13,622	3.6	497
Born, 9-28-37; proved, 7-14-48; dead; Idaho.	9 daughters--	14	13,389	3.6	485
Sire, 705171; dam, 1685454.	9 dams-------	19	15,436	3.4	522
Herd Owner, D. W. Blanksma, Nampa.	Difference---	(3-9-4)	-2,047	+.2	-37
HARSON SIR BESS WATSON 887627----------	6 daughters--	6	10,445	3.1	326
Born, 1-26-40; proved, 7-2-48;----; Wis.	5 daughters--	5	10,026	3.1	314
Sire, 738764; dam, 1450820.	5 dams-------	13	10,466	3.2	340
Herd Owner, Harvey B. Gilbertson, Black River Falls.	Difference---	(2-3-2)	-440	-.1	-26
HASTAGO BEST WOODCRAFT 757595----------	5 daughters--	6	12,424	3.3	412
Born, 1-8-38, proved, 7-1-48;----; Kans.	5 dams-------	9	11,050	3.6	398
Sire, 675048; dam, 1720972.	Difference---	(3-0-2)	+1,374	-.3	+14
Herd Owner, Walter G. Bircher, Ellsworth.					

HOLSTEIN SIRES	Animals	Records Averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HIGHLANGDON PLUMES ORMSBY 874280----------	9 daughters--	9	12,118	3.3	403
Born, 4-6-42; proved, 7-6-48;----; Vt.	5 daughters--	5	11,866	3.3	389
Sire, 800932; dam, 2199979.	5 dams-------	5	11,797	3.4	407
Herd Owner, Frank S. Bishop, Springfield.	Difference---	(3-2-1)	+69	-.1	-18
HIGHPATH FARRAGUT AD RUE 825475----------	14 daughters-	14	9,069	3.6	326
Born, 12-8-40; proved, 7-29-48;----; Wis.	7 daughters--	7	8,845	3.7	325
Sire, 743686; dam, 1735902.	7 dams-------	7	11,031	3.5	382
Herd Owner, Ernest J. Severson, Glenwood City.	Difference---	(1-5-1)	-2,186	+.2	-57
HILL-MAN BURKE JOHANNA 838338----------	10 daughters-	13	9,487	3.7	346
Born, 10-20-41; proved, 7-1-48;----; Iowa.	9 daughters--	12	9,599	3.7	351
Sire, 790805; dam, 1946107.	9 dams-------	29	10,823	3.4	369
Herd Owner, C. R. Doebel, Manly.	Difference---	(3-7-4)	-1,224	+.3	-18
HILLSBORO GENERAL ORMSBY MUTUAL 863287----------	7 daughters--	7	11,972	3.9	472
Born, 10-14-42; proved, 7-30-48; alive; W. Va.	6 daughters--	6	12,415	3.9	489
Sire, 715512; dam, 2051485.	6 dams-------	25	10,985	3.7	409
Used in West Virginia Co-op. A. B. A.	Difference---	(5-5-6)	+1,430	+.2	+80
HOESLY HOMESTEAD JOE INKA 790973----------	6 daughters--	7	12,889	3.7	470
Born, 10-16-39; proved, 7-14-48;----; Wis.	5 daughters--	6	12,797	3.6	465
Sire, 723295; dam, 1488000.	5 dams-------	10	10,801	3.3	361
Herd Owner, Ernest E. Balis & Son, Janesville.	Difference---	(4-5-5)	+1,996	+.3	+104
HOLLINS HANSA 826073----------	7 daughters--	10	13,480	3.4	454
Born, 12-3-40; proved, 7-23-48;----; Va.	6 daughters--	9	13,694	3.3	457
Sire, 762748; dam, 1754125.	6 dams-------	15	11,399	3.4	389
Herd Owner, Hollins College, Hollins.	Difference---	(4-3-4)	+2,295	-.1	+68
HOLWIS DAIRY LAD OF TOMORROW (TWIN) 809578----------	8 daughters--	8	11,172	3.7	414
Born, 5-28-40; proved, 7-27-48;----; Wis.	7 daughters--	7	11,005	3.7	408
Sire, 697696; dam, 1621823.	7 dams-------	18	13,076	3.5	463
Herd Owner, Craig Beane, Fort Atkinson.	Difference---	(1-6-1)	-2,071	+.2	-55
HOMERDALE COLANTHA LADY BYRON 817016----------	9 daughters--	11	11,223	3.8	426
Born, 8-19-40; proved, 7-1-48; dead; N. Y.	6 daughters--	7	11,031	3.7	405
Sire, 644883; dam, 1668707.	6 dams-------	9	12,436	3.7	456
Herd Owner, Harold Creal, Homer.	Difference---	(1-3-0)	-1,405	.0	-51
HOMESTEAD RICH BOY POSCH 829968----------	5 daughters--	5	13,984	3.3	465
Born, 6-28-41; proved, 7-28-48;----; N. Y.	5 dams-------	13	13,699	3.3	448
Sire, 747246; dam, 1296806.	Difference---	(3-4-4)	+285	.0	+17
Herd Owner, Homestead Farms, Inc., Stormville.					
HONORWON MATADOR BRUCE 797811----------	6 daughters--	10	10,472	3.4	355
Born, 7-19-39; proved, 7-20-48;----; Maine.	6 dams-------	16	9,381	3.6	336
Sire, 746839; dam, 1622478.	Difference---	(4-2-3)	+1,091	-.2	+19
Herd Owner, Floyd Gushee, Appleton.					
ILLINI AGNATE MABEL LAD 700089----------	6 daughters--	6	12,739	3.3	424
Born, 10-4-34; proved, 7-28-48;----; Mich.	6 dams-------	11	11,766	3.3	391
Sire, 621266; dam, 1408911.	Difference---	(3-4-4)	+973	.0	+33
Herd Owner, Houghton County Infirmary, Hancock.					
INDIANA COUNTY HOME PIEBE JOE 789852----------	14 daughters-	42	10,315	3.3	340
Born, 2-5-38; proved, 7-20-48;----; Pa.	14 dams------	51	9,650	3.2	312
Sire, 675595; dam, 1472899.	Difference---	(9-9-10)	+665	+.1	+28
Herd Owner, Nichol Turkey Farm, Indiana.					
INNESFREE CARNATION FOBES ORMSBY 913007----------	6 daughters--	10	9,977	3.6	354
Born, 11-25-41; proved, 7-8-48; dead; N. Y.	5 daughters--	8	10,003	3.6	357
Sire, 801972; dam, 2098497.	5 dams-------	12	12,178	3.5	422
Herd Owner, Clinton G. Bainer, Ancram.	Difference---	(1-4-1)	-2,175	+.1	-65
IODAK ORMSBY OLLIE CHAMPION 811883----------	7 daughters--	10	12,413	3.8	469
Born, 11-28-40; proved, 7-28-48;----; Iowa.	7 dams-------	17	11,741	3.4	400
Sire, 741863; dam, 1595599.	Difference---	(4-6-6)	+672	+.4	+69
Herd Owner, Albert Abele & Sons, Garner.					
IOWACOWIS HEILO MONOGRAM 810671----------	11 daughters-	16	13,116	3.4	448
Born, 10-30-40; proved, 7-16-48;----; Wis.	5 daughters--	7	13,146	3.4	441
Sire, 752797; dam, 1622830.	5 dams-------	7	12,567	3.3	418
Herd Owner, Burt McKenzie, Hollandale.	Difference---	(3-4-3)	+579	+.1	+23
IOWANA ORMSBY OLLIE PRINCE 790802----------	5 daughters--	5	15,552	3.4	532
Born, 3-22-39; proved, 7-14-48;----; Ind.	5 dams-------	7	11,714	3.3	385
Sire, 559527; dam, 1204711.	Difference---	(5-4-5)	+3,838	+.1	+147
Herd Owner, Sykes Farm, Hobart.					
IRONSIDES GREAT AGAIN 860494----------	5 daughters--	5	9,948	3.9	389
Born, 8-5-41; proved, 7-1-48; dead; N. J.	5 dams-------	27	11,591	3.5	409
Sire, 772932; dam, 1575807.	Difference---	(1-5-2)	-1,643	+.4	-20
Herd Owner, State Prison Farm, Bordentown.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
IVEDEN PRINCE BESSIE ORMSBY 789894	13 daughters-	26	11,107	3.3	366
Born, 8-16-38; proved, 7-12-48; dead; N. Y.	5 daughters--	10	10,553	3.3	345
Sire, 702047; dam, 1595075.	5 dams-------	10	9,176	3.6	330
Herd Owner, Paris O. Ives, Guilford.	Difference---	(3-0-3)	+1,377	-.3	+15
JOE BELLE JULIA INKA 791132	10 daughters-	43	12,188	3.5	423
Born, 3-29-37; proved, 7-19-48;----; Calif.	7 daughters--	29	11,390	3.5	397
Sire, 646068; dam, 1781875.	7 dams-------	28	11,328	3.5	397
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference---	(3-5-3)	+62	.0	0
JOE CARNATION WONDERMERE 767177	7 daughters--	8	12,011	3.5	421
Born, 5-26-38; proved, 7-21-48;----; Ill.	5 daughters--	6	12,505	3.6	454
Sire, 716457; dam, 1326313.	5 dams-------	15	10,158	3.4	350
Herd Owner, Edward Gantzert, Dwight.	Difference---	(5-5-5)	+2,347	+.2	+104
JOHANNA PONTIAC SIR KORNDYKE 758435	5 daughters--	11	10,580	3.7	395
Born, 11-28-36; proved, 7-7-48;----; Ind.	5 dams-------	14	11,907	3.6	428
Sire, 630089; dam, 1254982.	Difference---	(1-4-2)	-1,327	+.1	-33
Herd Owner, Glenn L. Reed, Brook.					
JONABELL DIRECTOR 774289	12 daughters-	21	9,956	3.7	367
Born, 4-13-39; proved, 7-26-48;----; Pa.	10 daughters-	18	10,260	3.6	370
Sire, 720861; dam, 1845343.	10 dams------	44	10,558	3.6	377
Herd Owner, Jesse Miller, Waymart.	Difference---	(5-5-5)	-298	.0	-7
KEARNEY KING SEGIS ORMSBY MAID 894200	6 daughters--	6	13,101	3.5	458
Born, 3-3-42; proved, 7-1-48; dead; Nebr.	6 dams-------	12	11,883	3.2	383
Sire, 701070; dam, 1808106.	Difference---	(5-6-5)	+1,218	+.3	+75
Herd Owner, State Board of Control, Lincoln.					
KELCO SYLVIA PRILLY POSCH 791865	9 daughters--	14	11,272	3.3	371
Born, 1-23-39; proved, 7-21-48;----; N.Y.	6 daughters--	9	11,781	3.2	382
Sire, 712060; dam, 1715672.	6 dams-------	14	10,366	3.3	345
Herd Owner, Laurence Hurd, Elkland, Pa.	Difference---	(5-2-5)	+1,415	-.1	+37
KING ARNOLD K POSCH 807179	10 daughters-	15	15,402	3.5	542
Born, 8-6-40; proved, 7-30-48;----; Kans.	5 daughters--	6	17,122	3.5	602
Sire, 767228; dam, 1866689.	5 dams-------	12	11,502	3.4	395
Herd Owner, St. Joseph's Orphan Home, Abilene.	Difference---	(5-3-5)	+5,620	+.1	+207
KING BESSIE AUKJE HENGERVELD 759605	13 daughters-	25	11,148	3.6	401
Born, 5-23-37; proved, 7-26-48;----; Mo.	8 daughters--	15	10,970	3.5	388
Sire, 670545; dam, 1655544.	8 dams-------	23	12,187	3.3	401
Herd Owner, V. W. Wallace, Shelbina.	Difference---	(3-6-4)	-1,217	+.2	-13
KING BESSIE SEGIS DON 796577	8 daughters--	8	9,386	3.4	318
Born, 9-15-39; proved, 7-30-48;----; Minn.	5 daughters--	5	9,302	3.3	309
Sire, 752123; dam, 1463143.	5 dams-------	5	11,104	3.8	424
Herd Owner, Nicholson Brothers, Savage.	Difference---	(0-1-0)	-1,802	-.5	-115
KING BESSIE WALKER FOBES 20TH 765496	10 daughters-	16	12,268	3.5	434
Born, 12-1-37; proved, 7-26-48;----; N.Y.	8 daughters--	14	12,700	3.5	443
Sire, 700603; dam, 1720371.	8 dams-------	25	12,937	3.5	454
Herd Owner, Punch Brook Farm, Millerton.	Difference---	(4-4-4)	-237	.0	-11
KING DE KOL PRILLY CORNUCOPIA 854575	7 daughters--	8	8,915	3.7	334
Born, 9-19-41; proved, 7-1-48;----; N.Y.	7 dams-------	22	9,636	3.7	357
Sire, 762390; dam, 1788078.	Difference---	(3-4-2)	-721	.0	-23
Herd Owner, George H. Wait & Son, Cassadaga.					
KING FREDA POSCH PERFECTION 753141	15 daughters-	16	10,419	3.7	386
Born, 11-2-37; proved, 7-13-48;----; Ill.	15 dams------	61	10,750	3.6	389
Sire, 675653; dam, 1565633.	Difference---	(7-10-8)	-331	+.1	-3
Herd Owner, Philip Stemler & Sons, Waterloo.					
KING GEORGE PIETERTJE 819126	9 daughters--	19	9,014	3.4	304
Born, 8-27-40; proved, 7-12-48;----; Pa.	8 daughters--	16	9,137	3.3	305
Sire, 782635; dam, 1926069.	8 dams-------	23	9,676	3.3	320
Herd Owner, J. V. White, Clarks Summit.	Difference---	(3-4-3)	-539	.0	-15
KING KORNDYKE AALTJE CREAMELLE 805806	7 daughters--	8	12,083	3.5	419
Born, 6-4-40; proved, 7-1-48;----; Wis.	5 daughters--	6	12,267	3.5	424
Sire, 778596; dam, 1763978.	5 dams-------	13	10,776	3.4	367
Herd Owner, Arthur Drake & Joe Wanger, Monroe.	Difference---	(4-3-4)	+1,491	+.1	+57
KING LYMAN POSCH 799240	9 daughters--	10	12,516	3.3	418
Born, 1-14-40; proved, 7-23-48;----; N.Y.	9 dams-------	18	9,818	3.3	322
Sire, 730362; dam, 1807354.	Difference---	(8-6-8)	+2,698	.0	+96
Herd Owner, Robert Coveney & James Hoffman, Walworth.					
KING OLLIE POSCH PERFECTION 861683	5 daughters--	6	11,180	3.7	412
Born, 1-6-42; proved, 7-1-48;----; Minn.	5 dams-------	21	12,709	3.7	469
Sire, 771583; dam, 1458925.	Difference---	(1-4-1)	-1,529	.0	-56
Herd Owner, Ernest F. Sloan, Ellendale.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING ORMSBY PIETERTJE PIEBE POSCH 810876----------	7 daughters--	9	10,008	3.4	343
Born, 10-30-40; proved, 7-13-48;----; Pa.	7 dams-------	24	10,241	3.4	343
Sire, 720866; dam, 1968317.	Difference---	(3-5-3)	-233	.0	0
Herd Owner, George E. Coover, Linglestown.					
KING ORMSBY WATSON BEETS 790645----------	6 daughters--	8	10,888	3.5	386
Born, 2-14-39; proved, 7-12-48;----; Ill.	5 daughters--	6	10,704	3.4	369
Sire, 709311; dam, 1919250.	5 dams-------	16	11,513	3.2	364
Herd Owner, Joe Bierman & Son, Wheeler.	Difference---	(1-5-2)	-809	+.2	+5
KING SEGIS PIETERTJE DE KOL INKA 856396----------	5 daughters--	5	8,983	3.2	291
Born, 2-20-41; proved, 7-1-48;----; Pa.	5 dams-------	5	10,592	3.3	352
Sire, 762677; dam, 2030882.	Difference---	(2-3-1)	-1,609	-.1	-61
Herd Owner, Joe Barco, Meadville.					
KING TOITILIA WALKER 752046----------	14 daughters-	28	8,956	3.5	312
Born, 1-13-38; proved, 7-13-48;----; Pa.	7 daughters--	14	8,958	3.3	300
Sire, 717613; dam, 1738808.	7 dams-------	17	11,271	3.2	366
Herd Owner, Thomas M. Hughes, Sarver.	Difference---	(1-5-1)	-2,313	+.1	-66
KNOLLWOOD MAY SIR ALCARTRA 819270----------	8 daughters--	15	12,003	3.8	457
Born, 11-3-40; proved, 7-1-48; dead; N. Y.	8 dams-------	34	11,897	3.4	409
Sire, 643460; dam, 1683585.	Difference---	(4-8-6)	+106	+.4	+48
Herd Owner, Warne Brothers, Romulus.					
KORNDYKE ABBEKERK COLANTHA 791735----------	5 daughters--	9	9,514	3.5	329
Born, 4-28-39; proved, 7-19-48;----; Pa.	5 dams-------	36	11,758	3.5	407
Sire, 716227; dam, 1556180	Difference---	(1-4-1)	-2,244	.0	-78
Herd Owner, Joseph A. Murphy, Carlisle.					
KORNDYKE INKA PIETERTJE WALKER 855317----------	6 daughters--	6	12,691	3.4	429
Born, 1-11-42; proved, 7-1-48;----; Mich.	6 dams-------	15	11,156	3.8	424
Sire, 812779; dam, 1943282.	Difference---	(3-1-3)	+1,535	-.4	+5
Herd Owner, Gilbert Davis, Sandusky.					
LAD POSCH MAY ORMSBY 821278----------	12 daughters-	13	12,569	3.3	417
Born, 9-30-40; proved, 7-15-48; dead; Minn.	8 daughters--	9	12,799	3.3	424
Sire, 760346; dam, 1984682.	8 dams-------	10	12,202	3.5	432
Herd Owner, Ole A. Olemanson & Son, St. Peter.	Difference---	(4-2-4)	+597	-.2	-8
LAKEFIELD MOUNTAIN ASH K B 757125----------	5 daughters--	7	11,224	3.8	424
Born, 1-12-38; proved, 7-1-48;----; Mich.	5 dams-------	8	12,069	3.9	470
Sire, 711324; dam, 1299765.	Difference---	(1-3-2)	-845	-.1	-46
Herd Owner, Lucian Hall, Vassar.					
LAKE PARK SIR BUMBLEBEE ORMSBY 808465----------	6 daughters--	13	15,786	3.3	525
Born, 3-25-40; proved, 7-29-48;----; Wis.	5 daughters--	10	16,319	3.4	549
Sire, 748236; dam, 1790986.	5 dams-------	11	12,252	3.4	421
Herd Owner, Ed. C. Wippermann, Sheboygan.	Difference---	(5-2-5)	+4,067	.0	+128
LAMAGA PRILL INKA WALKER 722705----------	15 daughters-	29	10,856	3.5	384
Born, 11-21-35; proved, 7-30-48;----; N. Y.	5 daughters--	10	10,294	3.8	393
Sire, 645112; dam, 1486115.	5 dams-------	9	11,552	3.3	383
Herd Owner, Alfred S. Brown, Eaton.	Difference---	(1-5-3)	-1,258	+.5	+10
LASS ORMSBY MODEL FAYNE 821118----------	11 daughters-	14	10,763	3.4	365
Born, 6-3-40; proved, 7-15-48;----; Wis.	9 daughters--	12	10,507	3.4	356
Sire, 741199: dam, 1847697.	9 dams-------	12	10,089	3.4	339
Herd Owner, Alex Abplanalp & Ed. Fritsch, Monroe.	Difference---	(5-5-6)	+418	.0	+17
LAUXMONT ADMIRAL KATSEE 787405----------	5 daughters--	6	10,247	3.7	381
Born, 3-1-39; proved, 7-19-48; dead; N. J.	5 dams-------	13	13,626	3.3	450
Sire, 696612; dam, 1820969.	Difference---	(0-5-1)	-3,379	+.4	-69
Herd Owner, George P. McDanolds, Jr., Augusta.					
LAUXMONT ADMIRAL LADYSMAN 800241----------	11 daughters-	13	11,634	4.0	461
Born, 2-21-40; proved, 7-22-48;----; Md.	8 daughters--	9	12,001	4.0	475
Sire, 696612; dam, 1774305.	8 dams-------	12	13,121	3.4	450
Herd Owner, W. Franklin Moffett, Chestertown.	Difference---	(4-8-4)	-1,120	+.6	+25
LAUXMONT CHAMPION MERCEDES 724928----------	8 daughters--	8	13,246	3.4	447
Born, 12-13-35; proved, 7-30-48;----; Ill.	5 daughters--	5	13,311	3.4	452
Sire, 660292; dam, 1701583.	5 dams-------	5	9,635	3.4	324
Herd Owner, A. L. Frazier & Son, Stockton.	Difference---	(5-3-5)	+3,676	.0	+128
LAUXMONT RAG APPLE DISPLAY 798474----------	19 daughters-	27	11,448	3.8	432
Born, 7-26-39; proved, 7-27-48;----; Md.	13 daughters-	18	11,730	3.8	445
Sire, 695000; dam, 1588241.	13 dams------	19	9,125	3.3	298
Herd Owner, George L. Smith, Benson.	Difference---	(12-13-13)	+2,605	+.5	+147
LAUXMONT TOP ROW GAY LAD 806664----------	14 daughters-	15	9,753	3.7	359
Born, 6-22-40; proved, 7-1-48;----; Wis.	13 daughters-	14	9,607	3.7	355
Sire, 756062; dam, 1774301.	13 dams------	45	11,967	3.5	424
Herd Owner, S. C. Pirie, Lake Geneva.	Difference---	(3-10-3)	-2,360	+.2	-69

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
LEDGE-EVER MUTUAL I M ORMSBY LAD 769513----------	10 daughters-	13	11,736	3.5	412
Born, 11-7-38; proved, 7-27-48;----; Vt.	8 daughters--	11	11,467	3.5	399
Sire, 493889; dam, 1773306.	8 dams-------	22	10,562	3.3	354
Herd Owner, Gerald Sawyer, Middlebury.	Difference---	(6-6-5)	+905	+.2	+45
LENTH DEAN JESSIE MATADOR 772740----------	9 daughters--	13	9,837	3.4	330
Born, 1-4-39; proved, 7-20-48;----; Iowa.	6 daughters--	10	10,105	3.3	337
Sire, 541114; dam, 1899436.	6 dams-------	6	8,739	3.4	299
Herd Owner, Charles Wilcox & Harold MacKean, Strawberry Pt.	Difference---	(5-3-4)	+1,366	-.1	+38
LILAC HILL KING BESSIE BESS FOBES 810585----------	5 daughters--	7	12,084	3.5	425
Born, 5-28-40; proved, 7-13-48;----; Ill.	5 dams-------	19	12,021	3.6	432
Sire, 676486; dam, 1601039.	Difference---	(2-3-2)	+63	-.1	-7
Herd Owner, Henry Wegener, Ingleside.					
LYMARIAN SIR MODEST 849412----------	6 daughters--	10	11,273	3.3	373
Born, 10-9-41; proved, 7-20-48;----; Mich.	5 daughters--	8	11,585	3.3	387
Sire, 798732; dam, 1509705.	5 dams-------	11	9,618	3.2	308
Herd Owner, Ludell W. Cheney, Mason.	Difference---	(5-4-5)	+1,967	+.1	+79
LYNWOOD KING MERCEDES DE KOL 713725----------	7 daughters--	22	11,069	3.6	401
Born, 12-16-34; proved, 7-14-48;----; Pa.	6 daughters--	20	11,150	3.6	400
Sire, 90901 CHB; dam, 188583 CHB.	6 dams-------	19	11,752	3.7	430
Herd Owner, J. Mark Robinson, Tunkhannock.	Difference---	(3-2-3)	-602	-.1	-30
MAJOR BESSIE ORMSBY FOBES 824932----------	5 daughters--	8	9,974	3.5	349
Born, 2-11-41; proved, 7-27-48;----; Iowa.	5 dams-------	19	10,726	3.5	376
Sire, 763279; dam, 1907062.	Difference---	(2-3-1)	-752	.0	-27
Herd Owner, A. E. Reeve, Tiffin.					
MAMMOTH SPRING PONTIAC 797565----------	6 daughters--	14	12,068	3.6	432
Born, 2-8-39; proved, 7-23-48;----; Pa.	6 dams-------	21	11,418	3.4	391
Sire, 704801; dam, 1684987.	Difference---	(2-5-4)	+650	+.2	+41
Herd Owner, Lewis W. Baylet, Bellefonte.					
MAN-O-WAR ORMSBY MAY FAYNE 738612----------	6 daughters--	8	10,200	3.5	355
Born, 12-26-36; proved, 7-20-48;----; Minn.	6 dams-------	16	8,924	3.5	313
Sire, 658421; dam, 1634801.	Difference---	(4-4-3)	+1,276	.0	+42
Herd Owner, Alvin Burman & Son, Cedar.					
MAN-O-WAR ORMSBY VICTOR 747412----------	7 daughters--	12	12,627	3.5	448
Born, 12-11-36; proved, 7-1-48;----; Minn.	5 daughters--	9	13,755	3.5	476
Sire, 687028; dam, 1277713.	5 dams-------	17	12,109	3.3	401
Herd Owner, Brookholm Farm, Austin.	Difference---	(3-4-4)	+1,646	+.2	+75
MAN-O-WAR PATSY BOY 789011----------	11 daughters-	11	10,236	3.4	349
Born, 10-21-39; proved, 7-19-48;----; Minn.	5 daughters--	5	9,960	3.3	331
Sire, 739097; dam, 1626102.	5 dams-------	7	10,616	3.3	347
Herd Owner, Joe F. Katzenmeyer & Son, Hutchinson.	Difference---	(2-4-2)	-656	.0	-16
MAPLE GROVE MONTY RAG-APPLE 759376----------	6 daughters--	9	11,230	3.4	386
Born, 6-23-38; proved, 7-26-48;----; Pa.	5 daughters--	8	10,376	3.5	363
Sire, 730066; dam, 1274520.	5 dams-------	22	11,582	3.4	392
Herd Owner, Charles & Pearl Alsdorf, Union City.	Difference---	(2-3-2)	-1,206	+.1	-29
MARSHALIMO MAN-O-WAR OSAWATOMIE 791462----------	9 daughters--	11	12,846	3.3	422
Born, 3-12-39; proved, 7-20-48;----; Mo.	6 daughters--	8	12,851	3.4	432
Sire, 704686; dam, 1763370.	6 dams-------	15	12,710	3.5	439
Herd Owner, State Hospital #2, St. Joseph.	Difference---	(2-4-2)	+141	-.1	-7
MAR-WILL AAGGIE CREATOR FACTOR 790758----------	7 daughters--	11	12,353	3.5	428
Born, 10-13-39; proved, 7-13-48;----; Iowa.	5 daughters--	8	12,330	3.5	426
Sire, 698645; dam, 1768659.	5 dams-------	15	13,326	3.6	478
Herd Owner, Amana Society, Amana.	Difference---	(1-3-1)	-996	-.1	-52
MEIERKORD TRIUNE ABBEKERK DIXIE (TWIN) 789869----------	6 daughters--	6	12,312	3.4	423
Born, 7-12-39; proved, 7-8-48;----; Kans.	5 daughters--	5	12,660	3.3	424
Sire, 600230; dam, 1334014.	5 dams-------	16	11,338	3.6	406
Herd Owner, Martin Blanke, Bremen.	Difference---	(3-1-3)	+1,322	-.3	+18
METHODIST HOME QUEEN MAT 819351----------	8 daughters--	13	11,396	3.2	362
Born, 1-16-41; proved, 7-8-48;----; Pa.	5 daughters--	8	11,872	3.2	385
Sire, 668114; dam, 1823519.	5 dams-------	7	10,106	3.7	371
Herd Owner, Willard J. Erb, Beavertown.	Difference---	(3-0-3)	+1,766	-.5	+14
MICHIGAN STAR PAUL 808797----------	10 daughters-	15	11,211	3.2	362
Born, 9-23-40; proved, 7-13-48;----; Mich.	9 daughters--	14	10,904	3.3	356
Sire, 769916; dam, 1903294.	9 dams-------	37	13,308	3.3	434
Herd Owner, L. J. Cobb & Son, Elsie.	Difference---	(2-5-2)	-2,404	.0	-78
MICHOME ORMSBY FAYNE HENGERVELD 807895----------	12 daughters-	26	11,137	3.5	387
Born, 9-7-40; proved, 7-29-48;----; Mich.	5 daughters--	11	10,538	3.5	367
Sire, 682582; dam, 1473287.	5 dams-------	9	11,793	3.5	417
Herd Owner, Seddon Brothers, Silverwood.	Difference---	(1-3-1)	-1,255	.0	-50

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MIDDLEVALE BUSTER BEETS ORMSBY 810755----------	9 daughters--	12	9,588	3.4	327
Born, 10-8-40; proved, 7-15-48;----; Vt.	9 dams-------	21	10,529	3.6	375
Sire, 759004; dam, 1793698.	Difference---	(2-4-0)	-941	-.2	-48
Herd Owner, Hall Brothers, Orwell.					
MILBRUEK BESSIE CHIEF 868940 *(Mar. 1948)----------	12 daughters-	12	11,822	3.5	412
Born, 7-18-42; proved, 7-23-48;----; Pa.	12 dams------	30	11,878	3.5	419
Sire, 792696; dam, 1904552.	Difference---	(4-8-3)	-56	.0	-7
Used in First Pennsylvania A. B. A.					
MILCO HO-STAR DE KOL 775364----------	7 daughters--	9	7,772	3.6	281
Born, 4-10-39; proved, 7-20-48;----; Wis.	7 dams-------	20	8,631	3.7	321
Sire, 721899; dam, 1490509.	Difference---	(1-5-0)	-859	-.1	-40
Herd Owner, Paul Reineking, Plymouth.					
MILLERS WAYNE KING 816930----------	8 daughters--	[illegible]	11,791	4.1	488
Born, 10-4-38; proved, 7-13-48;----; Wis.	6 daughters--	6	11,483	4.2	484
Sire, 743292; dam, 1863269.	6 dams-------	17	10,872	3.8	410
Herd Owner, Donald D. Miller, La Crosse.	Difference---	(4-6-5)	+611	+.4	+74
MILL GROVE EDWARD POSCH 763580----------	5 daughters--	9	9,050	3.4	303
Born, 7-25-37; proved, 7-21-48; dead; N. Y.	5 dams-------	19	10,242	3.4	349
Sire, 696846; dam, 1702796.	Difference---	(1-3-1)	-1,192	.0	-46
Herd Owner, J. M. Barker, Bowmansville.					
MILSONS INKA SIR BESS 809521----------	6 daughters--	9	12,167	3.6	441
Born, 5-27-40; proved, 7-15-48;----; Mich.	6 dams-------	16	10,998	3.6	395
Sire, 766174; dam, 1993641.	Difference---	(4-5-4)	+1,169	.0	+46
Herd Owner, R. W. Sleight, Laingsburg.					
MISHICOT SIR DELLA BESS 819488----------	8 daughters--	12	9,326	4.0	375
Born, 1-29-41; proved, 7-13-48;----; Wis.	8 dams-------	49	10,428	3.7	390
Sire, 768032; dam, 1994793.	Difference---	(1-6-3)	-1,102	+.3	-15
Herd Owner, Herbert Messman, Two Rivers.					
MITCHELL FARM ALEXANDER BURKE 824826----------	5 daughters--	5	10,819	3.5	374
Born, 2-24-41; proved, 7-1-48;----; Conn.	5 dams-------	18	11,083	3.4	374
Sire, 715532; dam, 1521630.	Difference---	(3-4-3)	-264	+.1	0
Herd Owner, Robert C. & R. K. Mitchell, Southbury.					
MONCONY KING BESSIE ORMSBY OLLIE 791489----------	14 daughters-	31	11,217	3.7	418
Born, 1-3-40; proved, 7-20-48; dead; N. Y.	9 daughters--	20	10,882	3.7	404
Sire, 750239; dam, 1914195.	9 dams-------	15	12,737	3.6	456
Herd Owner, Fred W. Hill & Sons, Spencerport.	Difference---	(3-8-3)	-1,855	+.1	-52
MONTVIC R A EMPEROR ABBEKERK 820244----------	15 daughters-	15	9,757	3.3	323
Born, 10-15-40; proved, 7-13-48;----; N. Y.	6 daughters--	6	10,252	3.4	347
Sire, 124590 CHB; dam, 393468 CHB.	6 dams-------	6	9,373	3.5	328
Herd Owner, Donald Crawford, Hamden.	Difference---	(4-3-4)	+879	-.1	+19
MOOSEHEART ADMIRAL MERITOL 858434----------	7 daughters--	7	13,314	3.6	486
Born, 6-25-42; proved, 7-1-48;----; Wis.	7 dams-------	25	13,493	3.5	476
Sire, 779713; dam, 1794913.	Difference---	(4-6-4)	-179	+.1	+10
Herd Owner, Albert O. Brandt, Limeridge.					
MOOSEHEART COLANTHA WAYNE 790890----------	16 daughters-	34	13,116	3.5	458
Born, 9-30-39; proved, 7-12-48; dead; Ill.	16 dams------	49	11,763	3.6	422
Sire, 764020; dam, 1666532.	Difference---	(10-10-10)	+1,353	-.1	+36
Herd Owner, Wavellyn Farm, Plano.					
MOOSEHEART EMPEROR CRUSADER 801458----------	8 daughters--	18	12,448	3.5	439
Born, 1-22-40; proved, 7-28-48;----; Kans.	8 dams-------	31	12,930	3.8	492
Sire, 699449; dam, 1651563.	Difference---	(3-1-2)	-482	-.3	-53
Herd Owner, H. A. Meier, Abilene.					
MOOSEHEART MATADOR ARTIS 758954----------	18 daughters-	19	10,646	3.2	344
Born, 1-16-38; proved, 7-28-48;----; Wis.	8 daughters--	8	11,097	3.1	348
Sire, 734508; dam, 1669937.	8 dams-------	8	10,157	3.5	351
Herd Owner, St. Clara Academy, Sinsinawa.	Difference---	(5-2-5)	+940	-.4	-3
MT.BAKER WALKER MECHTHILDE 775077----------	6 daughters--	7	12,001	3.7	441
Born, 7-4-38; proved, 7-22-48;----; Wash.	5 daughters--	[illegible]	11,927	3.6	425
Sire, 705167; dam, 1786639.	5 dams-------	14	13,439	3.6	482
Herd Owner, W. A. Corcoran, Ferndale.	Difference---	(1-2-2)	-1,512	.0	-57
MT JOSEPH BILLY KORNDYKE 764568----------	13 daughters-	[illegible]	11,676	3.6	417
Born, 11-13-37; proved, 7-30-48;----; Kans.	6 daughters--	10	12,159	3.6	434
Sire, 586462; dam, 1513053.	6 dams-------	16	12,108	3.5	426
Herd Owner, Moberly Brothers, Ames.	Difference---	(2-3-3)	+51	+.1	+8
MT PLEASANT MARATHON MODEL AAGGIE 820015----------	8 daughters--	10	14,897	3.1	468
Born, 2-18-41; proved, 7-1-48;----; Mich.	8 dams-------	[illegible]	12,143	3.4	418
Sire, 771668; dam, 2093199.	Difference---	(5-2-5)	+2,754	-.3	+50
Herd Owner, Mt. Pleasant State Home & Training School, Mt. Pleasant.					

HOLSTEIN SIRES	Animal:	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MOUNT RIGA ADVOCATOR BESS 788535----------	10 daughters-	13	10,894	3.6	388
Born, 1-8-40; proved, 7-14-48; alive; Wyo.	9 daughters--	12	10,620	3.6	382
Sire, 756184; dam, 2010983.	9 dams-------	36	11,698	3.3	390
Herd Owner, University of Wyoming, Laramie.	Difference---	(4-7-3)	-1,078	+.3	-8
M V PRIDE PABST JOYCE DUTCHLAND 800741----------	6 daughters--	10	12,630	3.5	440
Born, 11-27-38; proved, 7-1-48; dead; Wis.	6 dams-------	22	11,986	3.6	437
Sire, 720521; dam, 1689593.	Difference---	(3-3-2)	+644	-.1	+3
Herd Owner, Jaeger Brothers, Ixonia.					
NANCY JIM MODEST 805808----------	7 daughters--	8	10,318	3.6	371
Born, 12-7-39; proved, 7-30-48; dead; N. Y.	5 daughters--	5	9,963	3.8	374
Sire, 723717; dam, 1845493.	5 dams-------	6	11,416	3.4	389
Herd Owner, C. Fay Benson & Sons, Groton.	Difference---	(2-5-2)	-1,453	+.4	-15
NELSONDALE BOBBY PIEBE 762036----------	8 daughters--	12	8,949	3.5	309
Born, 10-28-37; proved, 7-26-48;----; Minn.	8 dams-------	40	8,541	3 4	292
Sire, 686827; dam, 1446876.	Difference---	(4-5-3)	+408	+.1	+17
Herd Owner, Minnesota State Training School, Red Wing.					
NEWMONT TEDDY 800948----------	15 daughters-	18	9,665	3.7	357
Born, 11-5-39; proved, 7-23-48;----; Wis.	10 daughters-	13	9,752	3.6	350
Sire, 731387; dam, 1770595.	10 dams------	26	11,010	3.3	365
Herd Owner, Black Diamond Dairy Farm, Sheboygan.	Difference---	(3-10-6)	-1,258	+.3	-15
NIESLEY VALE PONTIAC SEGIS 809901----------	11 daughters-	21	10,164	3.7	378
Born, 6-25-40; proved, 7-13-48;----; Pa.	10 daughters-	20	10,134	3.8	381
Sire, 674456; dam, 1724501.	10 dams------	39	11,106	3.4	376
Herd Owner, Mark R. Basehore, Mechanicsburg.	Difference---	(2-9-5)	-972	+.4	+5
NITTANYVALE COLANTHA YATES 818813----------	6 daughters--	6	10,511	3.0	318
Born, 3-13-41; proved, 7-1-48;----; Pa.	6 dams-------	27	10,809	3.4	363
Sire, 698505; dam, 1619745.	Difference---	(2-1-2)	-298	-.4	-45
Herd Owner, Warren State Hospital, Warren.					
NITTANYVALE MYOLY HERO 756742----------	15 daughters-	21	7,861	3.3	256
Born, 1-8-38; proved, 7-13-48;----; Pa.	8 daughters--	11	7,865	3.3	259
Sire, 698505; dam, 1711272.	8 dams-------	28	10,519	3.4	361
Herd Owner, Danville State Hospital, Danville.	Difference---	(2-2-2)	-2,654	-.1	-102
NORLAND BURKESON ORMSBY JENNIE 873161----------	7 daughters--	7	11,788	3.5	412
Born, 3-16-42; proved, 7-1-48;----; Wis.	7 dams-------	19	8,886	3.6	317
Sire, 763270; dam, 1904768.	Difference---	(6-5-6)	+2,902	-.1	+95
Herd Owner, Sidney Norland, Belleville.					
NORTH STAR CONNIE BOY 740408----------	8 daughters--	8	10,378	3.8	394
Born, 11-2-36; proved, 7-21-48;----; Minn.	5 daughters--	5	11,035	3.8	421
Sire, 703318; dam, 1651873.	5 dams-------	6	10,768	3.6	388
Herd Owner, Iver Berg & Sons, Hanska.	Difference---	(3-4-3)	+267	+.2	+33
NUGGET ORMSBY FLORENCE 758145----------	7 daughters--	10	12,084	3.4	410
Born, 7-5-35; proved, 7-12-48;----; Oreg.	5 daughters--	8	12,068	3.4	414
Sire, 680231; dam, 1695026.	5 dams-------	12	10,871	3.4	364
Herd Owner, St. Benedict's Abbey, Mt. Angel.	Difference---	(3-4-3)	+1,197	.0	+50
NUNUNDAH HE-MAN PETE 791475----------	14 daughters-	20	9,161	3.7	339
Born, 6-15-39; proved, 7-20-48;----; Pa.	6 daughters--	9	8,345	3.7	306
Sire, 747697; dam, 1592344.	6 dams-------	9	8,118	3.7	297
Herd Owner, E. B. Nelson, Port Allegany.	Difference---	(4-3-4)	+227	.0	+9
NURSERY VIEW JUDGE INKA ORMSBY 764618----------	10 daughters-	11	10,504	3.5	366
Born, 11-23-37; proved, 7-26-48;----; N. Y.	5 daughters--	5	10,865	3.2	351
Sire, 716461; dam, 1627242.	5 dams-------	7	11,009	3.2	358
Herd Owner, Harold B. Boshart, Lowville.	Difference---	(3-3-1)	-144	.0	-7
OAKDALE OLLIE ORMSBY DICTATOR 791427----------	5 daughters--	8	12,766	3.7	467
Born, 10-25-39; proved, 7-22-48; alive; Iowa.	5 dams-------	15	12,516	3.5	434
Sire, 747197; dam, 1649068.	Difference---	(2-4-3)	+250	+.2	+33
Herd Owner, State Hospital, Independence.					
OLIRLICH SENSATION VALE BOOM 839456----------	7 daughters--	8	13,150	3.3	440
Born, 11-25-41; proved, 7-23-48;----; Wis.	6 daughters--	8	13,143	3.3	435
Sire, 757711; dam, 1857196.	6 dams-------	12	12,214	3.4	421
Herd Owner, Herman S. Severson, Cameron.	Difference---	(4-3-3)	+929	-.1	+14
OLLIE OOSTIE ORMSBY 820529----------	9 daughters--	13	15,766	3.2	508
Born, 9-28-40; proved, 7-1-48;----; Wis.	7 daughters--	10	15,657	3.2	506
Sire, 720102; dam, 1914782.	7 dams-------	8	15,921	3.2	507
Herd Owner, Arnold Speigelberg, Manawa.	Difference---	(5-4-5)	-264	.0	-1
OOTSIE FEMCO IDEAL 852841----------	19 daughters-	21	10,771	3.6	383
Born, 1-4-42; proved, 7-1-48;----; Wis.	17 daughters-	19	10,967	3.6	393
Sire, 790424; dam, 2077227.	17 dams------	49	10,134	3.3	332
Herd Owner, Henry J. Wagner & Son, Calvary.	Difference---	(11-16-12)	+833	+.3	+61

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OOSTIE IMPERIAL EMPRESS 791457----------	22 daughters-	35	13,962	3.4	478
Born, 2-20-40; proved, 7-22-48;----; Wis.	22 dams------	65	14,095	3.2	457
Sire, 775561; dam, 2000493.	Difference---	(12-20-14)	-133	+.2	+21
Herd Owner, Ralph E. Gust, Verona.					
OOSTIE PREMIER KING 791454----------	9 daughters--	13	12,964	3.7	477
Born, 2-12-40; proved, 7-20-48;----; Wis.	9 dams-------	35	10,316	3.7	385
Sire, 725856; dam, 1666224.	Difference---	(8-2-9)	+2,648	.0	+91
Herd Owner, Theo Christoph, Chilton.					
ORCHARD CREST PIETERTJE HARK 870777----------	6 daughters--	5	11,269	3.6	404
Born, 11-21-42; proved, 7-1-48;----; Minn.	6 dams-------	18	10,105	3.5	355
Sire, 778433; dam, 2200999.	Difference---	(4-3-5)	+1,164	+.1	+49
Herd Owner, Paul Gadient, Goodhue.					
ORMSBY BUTTERCUP PIEBE HARTOG 821243*12----------	12 daughters-	17	10,360	3.8	395
Born, 1-30-40; proved, 7-22-48;----; Pa.	12 dams------	58	11,638	3.7	434
Sire, 706640; dam, 1840359.	Difference---	(3-8-4)	-1,278	+.1	-39
Herd Owner, Herman J. Gregory, St. Marys.					
ORMSBY DECREAMCO PAT (TWIN) 808597----------	8 daughters--	13	13,984	3.5	487
Born, 9-17-40; proved, 7-29-48;----; Ohio.	6 daughters--	8	14,056	3.4	475
Sire, 642700; dam, 1760890.	6 dams-------	14	13,796	2.9	404
Herd Owner, Melvin S. Hilty, Columbus Grove.	Difference---	(4-6-5)	+260	+.5	+71
ORMSBY DIRECT FAN 771825----------	18 daughters-	34	9,770	3.4	330
Born, 1-1-38; proved, 7-22-48; dead; N. Y.	7 daughters--	11	9,150	3.3	305
Sire, 553013; dam, 1548502.	7 dams-------	13	10,896	3.6	392
Herd Owner, Harold Donnafield, Utica.	Difference---	(0-3-0)	-1,746	-.3	-87
ORMSBY FOBES WINTERTHUR 799872----------	19 daughters-	24	14,832	3.8	565
Born, 3-1-40; proved, 7-14-48;----; Pa.	10 daughters-	13	14,858	3.7	555
Sire, 729449; dam, 1776871.	10 dams------	12	10,243	3.4	352
Herd Owner, Red Rose Farms, Lancaster.	Difference---	(9-10-10)	+4,615	+.3	+203
ORMSBY MATADOR JOHANNA 773478----------	7 daughters--	9	11,226	3.7	411
Born, 2-26-38; proved, 7-7-48;----; Mo.	6 daughters--	8	11,330	3.7	420
Sire, 670786; dam, 1699103.	6 dams-------	21	10,469	3.5	364
Herd Owner, Pevely Dairy Farm, Crescent.	Difference---	(4-5-5)	+861	+.2	+56
ORMSBY PRILLY SENSATION 765487----------	20 daughters-	33	11,169	3.6	403
Born, 11-5-38; proved, 7-28-48;----; Wis.	7 daughters--	14	11,306	3.7	414
Sire, 665172; dam, 1750122.	7 dams-------	11	9,406	3.7	344
Herd Owner, B. C. Ziegler Estate, West Bend.	Difference---	(5-3-5)	+1,900	.0	+70
ORMSBY THE MEADOWS IOWANA STAR (TWIN) 817133----------	11 daughters-	16	13,165	3.4	443
Born, 12-13-39; proved, 7-1-48; dead; Iowa.	7 daughters--	10	12,855	3.4	440
Sire, 730302; dam, 1516810.	7 dams-------	22	12,977	3.4	444
Herd Owner, Ernest Egdorf, Boyden.	Difference---	(4-4-3)	-122	.0	-4
OSBORNDALE DICK INKA MAY 738153----------	6 daughters--	9	11,165	3.6	399
Born, 12-24-36; proved, 7-26-48;----; N. Y.	5 daughters--	7	10,565	3.5	372
Sire, 521877; dam, 1756949.	5 dams-------	19	9,419	3.5	334
Herd Owner, R. O. & Francis Bale, Cayuta.	Difference---	(4-2-4)	+1,146	.0	+38
OSBORNDALE DICTATOR 818682----------	8 daughters--	8	9,436	3.5	327
Born, 3-4-41; proved, 7-1-48; dead; N. Y.	8 dams-------	22	11,034	3.3	367
Sire, 760643; dam, 2042721.	Difference---	(1-5-1)	-1,598	+.2	-40
Herd Owner, F. J. & H. C. Niles, Smyrna.					
OSBORNDALE JOAB OLLIE ORMSBY 827887----------	8 daughters--	8	12,078	3.8	464
Born, 5-4-40; proved, 7-23-48;----; Ill.	7 daughters--	7	11,892	3.9	462
Sire, 760723; dam, 1852601.	7 dams-------	12	10,413	3.7	389
Herd Owner, Dr. B. W. Jones Trust, Genoa.	Difference---	(6-6-6)	+1,479	+.2	+73
OSBORNDALE MAJOR ORMSBY FOBES 820128----------	6 daughters--	5	11,088	3.4	372
Born, 12-9-40; proved, 7-7-48; alive; Iowa.	6 dams-------	24	12,917	3.4	438
Sire, 760642; dam, 2002392.	Difference---	(1-3-0)	-1,829	.0	-66
Herd Owner, Ellis & Caruth, Greene.					
OSBORNDALE TRISTAN ORMSBY KING 790599----------	13 daughters-	15	14,299	3.6	510
Born, 1-6-40; proved, 7-29-48;----; Wis.	8 daughters--	10	15,552	3.6	553
Sire, 676023; dam, 1792381.	8 dams-------	14	13,566	3.3	449
Used in Central Wisconsin Co-op. A.B.A.	Difference---	(5-8-5)	+1,986	+.3	+104
PABST BARTA CASCADER 809563----------	7 daughters--	8	13,659	3.5	485
Born, 9-27-40; proved, 7-27-48;----; Wis.	6 daughters--	7	13,255	3.6	474
Sire, 761980; dam, 1735547.	6 dams-------	26	12,593	3.6	450
Herd Owner, Charles L. Coughlin, Saukville.	Difference---	(3-4-3)	+662	.0	+24
PABST BARTA LADDIE 825057----------	7 daughters--	11	11,481	3.7	420
Born, 3-28-41; proved, 7-29-48;----; Wis.	6 daughters--	8	11,671	3.6	423
Sire, 761980; dam,1754980.	6 dams-------	20	12,314	3.6	444
Herd Owner, Harry & Leon Thoma, Sugar Bush.	Difference---	(2-4-3)	-643	.0	-21

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PABST BURKE ETNA 859212----------	5 daughters--	5	12,150	3.7	449
Born, 10-26-42; proved, 7-9-48;----; Iowa.	5 dams-------	10	14,223	3.5	501
Sire, 697789; dam, 1913976.	Difference---	(2-3-2)	-2,073	+.2	-52
Herd Owner, State Hospital, Independence.					
PABST SIR PRILLY MARVEL 791483----------	29 daughters-	48	10,667	3.2	340
Born, 8-2-39; proved, 7-20-48;----; Wis.	15 daughters-	22	10,895	3.1	340
Sire, 723329; dam, 1544970.	15 dams------	26	11,657	3.4	400
Herd Owner, Peebles Brothers, Oconomowoc.	Difference---	(5-3-5)	-762	-.3	-60
PAUMEL MCKINLEY BESSIE PRINCE 800126----------	6 daughters--	6	7,668	3.9	301
Born, 10-2-39; proved, 7-21-48;----; Iowa.	5 daughters--	5	7,770	3.9	306
Sire, 756917; dam, 1799428.	5 dams-------	7	10,465	3.5	363
Herd Owner, August Sorenson, Ringsted.	Difference---	(1-4-1)	-2,695	+.4	-57
PEBBLE BEACH DEAN CHIEFTAIN 854909----------	7 daughters--	9	11,431	3.7	425
Born, 4-19-42; proved, 7-22-48;----; N. Y.	5 daughters--	6	11,148	3.9	430
Sire, 761977; dam, 1969583.	5 dams-------	10	11,403	3.5	405
Herd Owner, Ivan C. Druce, Jr., Fulton.	Difference---	(2-5-3)	-255	+.4	+25
PECK AGNES BESS KING 862003----------	6 daughters--	9	11,154	3.4	377
Born, 1-12-42; proved, 7-1-48:----; Wis.	6 dams-------	25	10,607	3.8	405
Sire, 825229; dam, 1997904.	Difference---	(3-1-2)	+547	-.4	-28
Herd Owner, Harold Kessler & Son, Burlington.					
PEM-FARM DERBY PIEBE NETHERLAND 936931----------	14 daughters-	14	12,408	3.3	403
Born, 3-7-39; proved, 7-15-48;----; Va.	6 daughters--	6	12,225	3.3	406
Sire, 709888; dam, 1727089.	6 dams-------	6	14,732	3.2	473
Herd Owner, C. W. Smith, Hewlett.	Difference---	(2-5-2)	-2,507	+.1	-67
PENSTATE DOLLY STAR JOAB 855744----------	5 daughters--	5	16,025	3.3	534
Born, 6-1-42; proved, 7-1-48;----; Pa.	5 dams-------	25	12,563	3.4	423
Sire, 760723; dam, 2003973.	Difference---	(5-2-5)	+3,462	-.1	+111
Herd Owner, C. F. Beck, Warriors Mark.					
PENSTATE KING IRMA INKA 789580----------	12 daughters-	17	12,029	3.6	434
Born, 10-19-39; proved, 7-19-48;----; Pa.	6 daughters--	8	11,856	3.6	430
Sire, 706753; dam, 1794299.	6 dams-------	22	11,588	3.4	398
Herd Owner, Edgar C. Hoch, Carlisle.	Difference---	(3-4-3)	+268	+.2	+32
PERKINS TRIUNE HEILO 888722----------	5 daughters--	5	13,334	3.4	460
Born, 9-15-40; proved, 7-12-48;----; Ind.	5 dams-------	12	12,192	3.4	417
Sire, 746397; dam, 1900463.	Difference---	(4-2-4)	+1,142	.0	+43
Herd Owner, Kenneth Perkins, Hudson.					
PEVELY ROSE PERFECTION SEGIS 772693----------	8 daughters--	10	14,567	3.5	503
Born, 1-10-39; proved, 7-7-48;----; Mo.	5 daughters--	6	13,344	3.5	463
Sire, 742642; dam, 1267434.	5 dams-------	6	10,747	3.5	379
Herd Owner, Pevely Dairy Farm, Crescent.	Difference---	(4-3-5)	+2,597	.0	+84
PIEBE JO TRITOMIA 758412----------	9 daughters--	11	10,615	3.4	362
Born, 5-10-37; proved, 7-20-48;----; Kans.	6 daughters--	7	11,485	3.3	374
Sire, 675860; dam, 1429872.	6 dams-------	12	10,877	3.4	371
Herd Owner, Grover G. Meyer, Basehor.	Difference---	(3-1-4)	+608	-.1	+3
PIEBE PIETERTJE ORMSBY INKA 766538----------	8 daughters--	10	9,449	3.7	349
Born, 3-12-38; proved, 7-28-48;----; Iowa.	7 daughters--	9	9,085	3.7	334
Sire, 638464; dam, 1733655.	7 dams-------	24	11,860	3.4	403
Herd Owner, Jones County Home, Scotch Grove.	Difference---	(1-5-1)	-2,775	+.3	-69
PIEBE SEGIS KING PONTIAC 740117----------	5 daughters--	16	10,155	3.7	371
Born, 4-28-37; proved, 7-20-48;----; Pa.	5 dams-------	53	11,186	3.4	384
Sire, 620029; dam, 1507644.	Difference---	(1-4-3)	-1,031	+.3	-13
Herd Owner, Paul O. Sunday, Carlisle.					
PIETERTJE ORMSBY RAG APPLE 809185----------	9 daughters--	15	11,276	3.4	381
Born, 1-22-40; proved, 7-13-48;----; Md.	9 dams-------	25	10,186	3.5	354
Sire, 741336; dam, 1867387.	Difference---	(8-5-7)	+1,090	-.1	+27
Herd Owner, Joseph T. Ayers, Rising Sun.					
PIKES PEAK SIR GLEE KYTE PIEBE 851200----------	8 daughters--	8	11,415	3.5	397
Born, 12-19-41; proved, 7-15-48; dead; Nebr.	8 dams-------	36	13,136	3.4	442
Sire, 789931; dam, 1791526.	Difference---	(2-6-3)	-1,721	+.1	-45
Used in Norfolk Non-Stock Co-op. A. B. A.					
PINE BUSH DIRECT PONTIAC 791733----------	7 daughters--	11	10,421	3.9	404
Born, 9-21-39; proved, 7-20-48;----; N. Y.	6 daughters--	10	10,044	3.8	384
Sire, 718224; dam, 1624545.	6 dams-------	23	12,588	3.6	456
Herd Owner, Elting DuBois & Son, Pine Bush.	Difference---	(1-6-1)	-2,544	+.2	-72
PINEHARD ANDY POSCH ORMSBY 751496----------	10 daughters-	12	7,519	3.5	265
Born, 1-2-38; proved, 7-8-48;----; Pa.	6 daughters--	8	7,784	3.5	275
Sire, 666928; dam, 1627167.	6 dams-------	11	8,277	3.5	288
Herd Owner, Boyd Clawson, Blairsville.	Difference---	(3-3-3)	-493	.0	-13

HOLSTEIN SIRES	Animals	*Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PIONEER ORMSBY NETHERLAND 809946----------	7 daughters--	10	9,415	3.8	355
Born, 1-1-40; proved, 7-22-48;----; N. Y.	6 daughters--	9	9,173	3.8	345
Sire, 695009; dam, 1043342.	6 dams-------	24	11,707	3.5	412
Herd Owner, Wade C. Moore, Ogdensburg.	Difference---	(1-5-1)	-2,534	+.3	-67
POSCH ORMSBY FOBES DOUBLE 784299----------	8 daughters--	13	11,401	3.7	419
Born, 11-19-39; proved, 7-16-48; alive; Ariz.	8 dams-------	42	12,204	3.6	442
Sire, 701072; dam, 1918941.	Difference---	(4-5-3)	-803	+.1	-23
Herd Owner, University of Arizona, Tucson.					
POSCH ORMSBY FOBES PRIDE 807748----------	8 daughters--	10	7,667	3.7	286
Born, 6-22-40; proved, 7-29-48;----; Iowa.	6 daughters--	7	6,455	3.7	238
Sire, 623972; dam, 1546489	6 dams-------	17	10,176	3.5	354
Herd Owner, E. C. Maytag & Sons, Laurel.	Difference---	(0-5-0)	-3,721	+.2	-116
PRINCE MERCER FOBES 811608----------	7 daughters--	8	12,026	3.5	426
Born, 7-11-40; proved, 7-28-48;----; Wis.	7 dams-------	20	10,114	3.4	349
Sire, 747021; dam, 2070570.	Difference---	(6-3-7)	+1,912	+.1	+77
Herd Owner, Richard Stangel, Mishicot.					
PRINCE ORMSBY LINDORA HOMESTEAD 809327----------	7 daughters--	12	13,437	3.5	472
Born, 10-29-39; proved, 7-8-48;----; Wis.	7 dams-------	20	12,280	3.3	403
Sire, 725852; dam, 2070051.	Difference---	(4-6-6)	+1,157	+.2	+69
Herd Owner, Ernest & Boyd Bolis, Janesville.					
QUALITY PARK SIR ORMSBY SENECA 739701----------	12 daughters-	16	10,599	3.4	357
Born, 2-26-37; proved, 7-19-48;----; Wis.	10 daughters-	13	9,866	3.4	331
Sire, 692316; dam, 1503639.	10 dams------	17	9,401	3.5	328
Herd Owner, Ted Walseth & H. B. Olsen, Hammond.	Difference---	(8-5-5)	+465	-.1	+3
QUONQUONT OMAHA PLUTO 811963----------	7 daughters--	10	13,127	3.4	451
Born, 7-22-40; proved, 7-30-48;----; Mass.	7 dams-------	20	12,798	3.5	444
Sire, 752740; dam, 1774004.	Difference---	(4-5-4)	+329	-.1	+7
Herd Owner, Arthur C. Guimond, Assonet.					
RAG-HERO DAD CHIEF 856728----------	7 daughters--	8	10,527	3.8	398
Born, 8-8-41; proved, 7-1-48; dead; N. Y.	6 daughters--	7	10,097	3.9	397
Sire, 565375; dam, 2066785.	6 dams-------	22	9,485	4.1	386
Used in New York Co-op. A.B.A., Inc.	Difference---	(2-2-3)	+612	-.2	+11
RAVENGLEN SIR DONNA SENATOR 830343----------	12 daughters-	13	13,115	3.4	447
Born, 8-27-41; proved, 7-27-48;----; Wis.	9 daughters--	10	12,610	3.5	443
Sire, 783162; dam, 2086004.	9 dams-------	20	12,063	3.5	426
Herd Owner, E. H. Johnson, Union Grove.	Difference---	(7-5-7)	+547	.0	+17
RAYMOND SEGIS ORMSBY INKA 913158----------	10 daughters-	13	9,427	3.5	331
Born, 11-4-39; proved, 7-6-48;----; Vt.	5 daughters--	7	9,168	3.4	311
Sire, 662651; dam, 2125821.	5 dams-------	8	10,253	3.3	339
Herd Owner, E. C. Gould & Son, Marshfield.	Difference---	(2-5-3)	-1,085	+.1	-28
REDFIELD SIR SEGIS BESS 799313----------	9 daughters--	10	9,028	3.7	330
Born, 1-27-40; proved, 7-23-48; dead; S. Dak.	5 daughters--	5	8,747	3.6	313
Sire, 695432; dam, 1614275.	5 dams-------	6	10,406	3.6	371
Herd Owner, Plainview Academy, Redfield.	Difference---	(2-2-1)	-1,659	.0	-58
RIVERFIAT ADMIRAL STAR 826137----------	21 daughters-	27	10,753	3.4	363
Born, 2-8-41; proved, 7-28-48; dead; N. Y.	12 daughters-	14	10,755	3.4	364
Sire, 707606; dam, 1668289.	12 dams------	24	10,513	3.4	355
Herd Owner, Harold Donnafield, Utica.	Difference---	(5-8-6)	+242	.0	+9
ROLLING KNOLL LUCIFER VALE 788849----------	8 daughters--	15	14,117	3.3	472
Born, 6-4-39; proved, 7-19-48;----; Md.	8 dams-------	33	12,488	3.5	433
Sire, 730361; dam, 1737739.	Difference---	(6-3-5)	+1,629	-.2	+39
Herd Owner, W. I. King, Gaithersburg.					
ROSNI VALE ORMSBY DUKE 743820----------	9 daughters--	14	12,619	3.4	434
Born, 12-12-31; proved, 7-21-48;----; Va.	7 daughters--	12	13,225	3.3	433
Sire, 518050; dam, 960310.	7 dams-------	20	11,502	3.5	406
Herd Owner, Woodberry Forest School, Woodberry Forest.	Difference---	(5-2-3)	+1,723	-.2	+27
ST L KING NEELTJE SENATOR 788415----------	6 daughters--	10	13,379	3.7	494
Born, 11-22-39; proved, 7-14-48; dead; Minn.	5 daughters--	8	13,370	3.7	500
Sire, 761657; dam, 1737626.	5 dams-------	9	13,195	3.3	437
Herd Owner, Charles Witte, Saginaw.	Difference---	(2-5-4)	+175	+.4	+63
SCHOLTOP MONCADE MAJOR 765023----------	6 daughters--	8	9,124	3.5	320
Born, 1-20-38; proved, 7-28-48;----; Pa.	5 daughters--	7	9,452	3.6	337
Sire, 704747; dam, 1663107.	5 dams-------	8	10,465	3.2	337
Herd Owner, Jesse Fisher, Lansdale.	Difference---	(2-4-3)	-1,013	+.4	0
SEGIS GENODALE ORMSBY NEPTUNE 759448----------	11 daughters-	13	11,957	3.3	392
Born, 3-31-38; proved, 7-26-48; dead; N. Y.	5 daughters--	6	11,639	3.4	392
Sire, 706921; dam, 1817586.	5 dams-------	10	14,416	3.3	474
Herd Owner, C. Fay Benson & Son, Groton.	Difference---	(1-3-1)	-2,777	+.1	-82

HOLSTEIN SIRES	Animals	Records Averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SEGIS JAN DE KOL 751761----------	7 daughters--	14	7,899	3.4	269
Born, 4-24-37; proved, 7-8-48; dead; N. J.	5 daughters--	12	7,807	3.3	257
Sire, 669186; dam, 1576687.	5 dams-------	19	8,947	3.4	302
Herd Owner, Camden County Farm, Lakeland.	Difference---	(1-1-1)	-1,140	-.1	-45
SEGIS TOITILLA FOBES 809042----------	6 daughters--	10	10,046	3.8	386
Born, 7-12-40; proved, 7-15-48;----; Pa.	6 dams-------	25	9,357	3.7	344
Sire, 778030; dam, 1954692.	Difference---	(5-4-4)	+689	+.1	+42
Herd Owner, Joe M. Brewer & Son, Saxonburg.					
SEQUOIA NUGGET QUALITY SEGIS 853100----------	8 daughters--	8	11,408	3.7	417
Born, 12-23-41; proved, 7-12-48; alive; Kans.	6 daughters--	6	11,662	3.7	427
Sire, 610442; dam, 2113076.	6 dams-------	16	11,274	3.4	387
Herd Owner, State Training School, Winfield.	Difference---	(3-5-4)	+388	+.3	+40
SEVEN X UILKJE PAUL MERCEDES 866303----------	8 daughters--	8	15,354	3.4	529
Born, 7-29-42; proved, 7-1-48;----; Mont.	8 dams-------	10	14,042	3.6	504
Sire, 763595; dam, 1852483.	Difference---	(6-3-4)	+1,312	-.2	+25
Herd Owner, J. C. Steiner, Billings.					
SHADOW BROOK JERRY COLANTHA 794623----------	13 daughters-	15	11,303	3.4	383
Born, 10-17-39; proved, 7-29-48;----; N. Y.	7 daughters--	7	10,738	3.4	364
Sire, 746221; dam, 1399979.	7 dams-------	11	11,451	3.1	357
Herd Owner, Dean O. Rathbun, Cooperstown.	Difference---	(2-7-3)	-713	+.3	+7
SIEBECKER HENGERVELD 689239----------	20 daughters-	49	10,831	3.1	340
Born, 1-20-34; proved, 7-30-48;----; Wis.	7 daughters--	11	11,620	3.3	386
Sire, 640634; dam, 1249723.	7 dams-------	18	10,551	3.3	352
Herd Owner, Sauk County Asylum Farm, Reedsburg.	Difference---	(5-4-5)	+1,069	.0	+34
SIR BESS KLAVER TWI-PAUL JOHAN 799837----------	14 daughters-	24	14,184	3.5	493
Born, 3-2-40; proved, 7-20-48; alive; Mont.	6 daughters--	10	14,430	3.4	498
Sire, 557997; dam, 1792100.	6 dams-------	15	11,791	3.6	425
Herd Owner, Laurence G. Christie, Bozeman.	Difference---	(6-2-6)	+2,639	-.2	+73
SIR BESS SKYLARK ORMSBY TRIUNE 874834----------	5 daughters--	5	14,462	3.9	565
Born, 10-15-42; proved, 7-13-48; alive; Iowa.	5 dams-------	9	10,510	3.5	367
Sire, 711381; dam, 2102635.	Difference---	(5-4-5)	+3,952	+.4	+198
Herd Owner, Arthur J. Pape, Dyersville.					
SIR BILLY POSCH SEGIS 751000----------	7 daughters--	8	11,014	3.6	401
Born, 2-1-37; proved, 7-19-48;----; Kans.	7 dams-------	27	11,258	3.5	396
Sire, 586462; dam, 1646802.	Difference---	(3-5-4)	-244	+.1	+5
Herd Owner, State Training School, Winfield.					
SIR DE KOL PONTIAC BADGER 806997----------	11 daughters-	15	9,349	3.3	306
Born, 3-20-40; proved, 7-1-48;----; Wis.	9 daughters--	12	9,059	3.3	299
Sire, 733130; dam, 1475475.	9 dams-------	14	10,079	3.2	326
Herd Owner, Mrs. Eleanor E. Ryder & E. Walfram, Juneau.	Difference---	(4-4-3)	-1,020	+.1	-27
SIR DOUG BURK PRIDE GERB COLAN WATS 849039----------	15 daughters-	19	11,310	3.7	413
Born, 12-9-41; proved, 7-23-48;----; Pa.	15 dams------	49	12,188	3.6	439
Sire, 660575; dam, 1965344.	Difference---	(6-10-6)	-878	+.1	-26
Herd Owner, H. A. Snyder & Son, Montoursville.					
SIR ECHO DESIGN 818371----------	10 daughters-	10	11,672	3.6	419
Born, 12-15-40; proved, 7-12-48;----; N. Y.	9 daughters--	9	11,379	3.6	406
Sire, 738106; dam, 1575216.	9 dams-------	28	12,322	3.7	459
Herd Owner, Willis E. Blodgett, Ancramdale.	Difference---	(4-4-2)	-943	-.1	-53
SIR FOBES SENSATION BURKE 885557----------	5 daughters--	8	12,056	3.3	398
Born, 12-2-41; proved, 7-12-48;----; Pa.	5 dams-------	17	11,067	3.4	381
Sire, 713668; dam, 2158340.	Difference---	(5-2-3)	+989	-.1	+17
Herd Owner, William E. Bush, Bangor.					
SIR FOBES SKYLARK PRIDE 809649----------	10 daughters-	17	11,567	3.5	407
Born, 10-16-40; proved, 7-13-48; dead; Iowa.	9 daughters--	14	11,445	3.5	403
Sire, 754526; dam, 1840770.	9 dams-------	32	11,601	3.2	376
Herd Owner, E. H. Estey & Howard Jones, Lamont.	Difference---	(6-9-6)	-156	+.3	+27
SIR INKA BESSIE PONTIAC 704381----------	16 daughters-	37	13,762	3.4	463
Born, 2-7-34; proved, 7-28-48;----; N. Y.	5 daughters--	11	13,279	3.4	451
Sire, 655520; dam, 1566509.	5 dams-------	9	13,733	3.3	460
Herd Owner, Arthur Rienhardt, Nedrow.	Difference---	(3-4-3)	-454	+.1	-9
SIR JOHANNA HILLVALE DE KOL 820588----------	6 daughters--	8	11,517	3.3	378
Born, 7-28-40; proved, 7-15-48;----; Wis.	6 dams-------	31	11,095	3.6	394
Sire, 693222; dam, 1755375.	Difference---	(3-0-3)	+422	-.3	-16
Herd Owner, Kenneth Helms, Grafton.					
SIR NELLIE CREAMELLE ORMSBY 871483----------	7 daughters--	10	9,744	3.2	316
Born, 4-26-41; proved, 7-6-48;----; Wis.	7 dams-------	16	9,126	3.5	318
Sire, 791797; dam, 1900448.	Difference---	(3-1-2)	+618	-.3	-2
Herd Owner, Elmer Weltzien, Dodge.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR ORMSBY BAWN COMSTOCK 820606----------	8 daughters--	10	11,245	3.4	385
Born, 2-28-41; proved, 7-28-48;----; Ill.	6 daughters--	7	11,539	3.4	396
Sire,671375; dam, 1834190.	6 dams-------	18	11,451	3.2	372
Herd Owner, Loren J. Carver, Wilmington.	Difference---	(2-3-3)	+88	+.2	+24
SIR ORMSBY FOBES DICTATOR 52D 857503----------	6 daughters--	8	10,879	3.7	408
Born, 4-11-42; proved, 7-1-48;----; Minn.	6 dams-------	13	13,632	3.4	469
Sire, 662443; dam, 1923655.	Difference---	(1-6-2)	-2,753	+.3	-61
Herd Owner, Edward W. Heuer & Sons, Norwood.					
SIR ORMSBY ONA PANSY 789408----------	7 daughters--	13	10,491	3.2	337
Born, 11-2-39; proved, 7-14-48;----; Pa.	7 dams-------	40	12,837	3.6	461
Sire, 764948; dam, 1512467.	Difference---	(1-0-0)	-2,346	-.4	-124
Herd Owner, Ralph F. Erdley, Lewisburg.					
SIR PAUL CRUSADER 818456----------	6 daughters--	6	12,093	3.5	419
Born, 9-29-40; proved, 7-1-48; dead; Iowa.	6 dams-------	13	8,643	3.7	323
Sire, 766149; dam, 1916466.	Difference---	(4-1-4)	+3,450	-.2	+96
Herd Owner, Dedar & Moschmeyer, Fredericksburg.					
SIR PIEBE GOLDIE SEGIS 752512----------	8 daughters--	8	11,146	3.4	381
Born, 1-25-37; proved, 7-2-48; dead; Minn.	6 daughters--	6	10,977	3.4	371
Sire, 674616; dam, 1921741.	6 dams-------	12	9,065	3.5	317
Herd Owner, L. M. Crane & Son, Garden City.	Difference---	(4-2-5)	+1,912	-.1	+54
SIR POSCH ECO BEAUTY 800673----------	12 daughters-	25	11,254	3.5	392
Born, 10-13-39; proved, 7-13-48; dead; N. Y.	6 daughters--	15	10,397	3.5	362
Sire, 671669; dam, 1934912.	6 dams-------	13	11,500	3.3	378
Herd Owner, Paul Bresnan, Auburn.	Difference---	(2-6-2)	-1,103	+.2	-16
SIR PRIDE TIDY FOBES 756737----------	15 daughters-	17	12,679	3.5	442
Born, 1-2-38; proved, 7-9-48;----; Wis.	11 daughters-	13	13,132	3.5	454
Sire, 677648; dam, 1631912.	11 dams------	36	12,264	3.6	436
Herd Owner, Lyle Carns, Platteville.	Difference---	(6-4-6)	+ 868	-.1	+18
SIR ROSNI HOMESTEAD ORMSBY 809306----------	11 daughters-	13	11,113	3.5	390
Born, 3-27-40; proved, 7-13-48;----; Va.	8 daughters--	10	11,119	3.5	390
Sire, 654536; dam, 1822436.	8 dams-------	18	10,990	3.4	378
Herd Owner, D. French Slaughter, Culpeper.	Difference---	(5-4-5)	+129	+.1	+12
SIR TIDY FOBES BEETS 828317----------	8 daughters--	9	13,465	3.2	437
Born, 11-12-40; proved, 7-23-48;----; Wis.	5 daughters--	6	14,608	3.3	477
Sire, 771552; dam, 1819631.	5 dams-------	7	11,944	3.3	392
Herd Owner, Williams Bros., Green Bay.	Difference---	(5-3-4)	+2,664	.0	+85
SODAPEN DULCINA POSCH 737772----------	6 daughters--	10	11,050	3.5	383
Born, 2-20-37; proved, 7-20-48; dead; Iowa.	5 daughters--	9	11,349	3.5	395
Sire, 714951; dam, 1407788.	5 dams-------	16	13,323	3.4	453
Herd Owner, Joe A. Horn, Boyden.	Difference---	(2-3-1)	-1,974	+.1	-58
SOWISCOL DON ALEX PIETERTJE 830955----------	11 daughters-	11	12,303	3.6	438
Born, 8-22-41; proved, 7-23-48;----; Wis.	11 dams------	31	10,213	3.4	346
Sire, 688258; dam, 1860016.	Difference---	(7-11-9)	+2,090	+.2	+92
Herd Owner, Dusek Bros., River Falls.					
SPRINGBANK LUCKY STRIKE 854441----------	6 daughters--	6	11,255	3.8	433
Born, 12-5-41; proved, 7-1-48;----; Wis.	6 dams-------	24	13,000	4.1	535
Sire, 845794; dam, 295042 CHB.	Difference---	(3-2-2)	-1,745	-.3	-102
Herd Owner, Joseph A. Hanson, Chetek.					
STARKDALE EXCELLENT 811704----------	9 daughters--	10	13,215	3.4	452
Born, 11-15-40; proved, 7-28-48; dead; N. Y.	9 dams-------	34	13,141	3.4	442
Sire, 656431; dam, 1505336.	Difference--	(5-5-5)	+74	.0	+10
Herd Owner, David B. Phillips, Troy.					
STAUNTON BESSIE PIEBE SEGIS 818313----------	10 daughters-	12	12,920	3.4	437
Born, 11-28-40; proved, 7-15-48; dead; N. J.	9 daughters--	11	12,885	3.4	441
Sire, 717602; dam, 1219800.	9 dams-------	25	11,955	3.5	416
Herd Owner, Ryan & McCalmont, Allamuchy.	Difference---	(5-5-5)	+930	-.1	+25
SUNNYVALE TWEEDE CHARGER 753286----------	15 daughters-	21	10,886	3.4	374
Born, 7-11-37; proved, 7-13-48;----; N.Y.	6 daughters--	8	11,437	3.4	392
Sire, 638438; dam, 1370981.	6 dams-------	8	11,964	3.5	422
Herd Owner, B. E. Clark, Earlville.	Difference---	(2-2-2)	-527	-.1	-30
SUZONE CREAMELLE SEGIS 810416----------	5 daughters--	7	9,511	3.5	336
Born, 10-21-40; proved, 7-13-48; dead; Pa.	5 dams-------	24	9,555	3.4	329
Sire, 780527; dam, 1973436.	Difference---	(3-4-3)	-44	+.1	+7
Herd Owner, Motichka Brothers, Moscow.					
TALLCORN MONOGRAM DICTATOR 789320----------	5 daughters--	12	11,714	3.6	417
Born, 4-22-37; proved, 7-20-48; dead; Iowa.	5 dams-------	12	10,381	3.8	396
Sire, 713256; dam, 1894193.	Difference---	(4-2-3)	+1,333	-.2	+21
Herd Owner, Fred K. & Richard K. Bruene, Gladbrook.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
TEN-KINK BERT KOBA SIR ROMEO 759077----------	8 daughters--	10	10,153	3.6	367
Born, 11-25-37; proved, 7-26-48; dead; Idaho.	6 daughters--	7	9,945	3.6	357
Sire, 726179; dam, 1623554.	6 dams-------	9	12,545	3.2	405
Herd Owner, R. Leon Morris, Buhl.	Difference---	(1-5-3)	-2,600	+.4	-48
TILFA JOHANNA WHITE LAD 791510----------	6 daughters--	9	13,752	3.1	433
Born, 8-4-39; proved, 7-20-48; dead; Minn.	6 dams-------	16	13,477	3.3	450
Sire, 745385; dam, 1448236.	Difference---	(3-2-2)	+275	-.2	-17
Herd Owner, Tilney Farms, Lewisville.					
TREFOIL DUKE FOBES 791338----------	6 daughters--	13	10,976	3.4	377
Born, 11-1-39; proved, 7-23-48;----; N. Y.	6 dams-------	18	13,101	3.4	442
Sire, 622124; dam, 1463174.	Difference---	(2-4-2)	-2,125	.0	-65
Herd Owner, Loren Heinzman, Geneva.					
TRIPLE LINE GERB-COLAN ORMSBY ONA 766492----------	11 daughters-	11	9,803	3.6	354
Born, 12-19-37; proved, 7-29-48;----; Pa.	5 daughters--	5	10,580	3.6	381
Sire, 603883; dam, 1641657.	5 dams-------	22	11,585	3.3	377
Herd Owner, Pennsylvania Training School, Morganza.	Difference---	(2-5-3)	-1,005	+.3	+4
U NEB KARMORE P Q 751911----------	12 daughters-	15	12,911	3.3	421
Born, 12-13-37; proved, 7-14-48; dead; Nebr.	12 dams------	73	12,676	3.3	414
Sire, 705263; dam, 1738418.	Difference---	(7-7-6)	+235	.0	+7
Herd Owner, State Board of Control, Lincoln.					
U OF MD LIEUTENANT ACHIEVER 845905----------	6 daughters--	6	11,818	3.6	422
Born, 1-6-42; proved, 7-29-48; alive; Md.	6 dams-------	18	10,194	3.6	365
Sire, 731994; dam, 1942540.	Difference---	(3-2-3)	+1,624	.0	+57
Used in Maryland A. B. A.					
U OF MD RAG APPLE ROYAL 818910----------	8 daughters--	10	10,377	3.9	401
Born, 2-23-41; proved, 7-1-48; dead; Md.	8 dams-------	21	12,253	3.6	444
Sire, 773953; dam, 1942542.	Difference---	(3-5-2)	-1,876	+.3	-43
Herd Owner, University of Maryland, College Park.					
VAN HOOSEN K B O P 275 790349----------	13 daughters-	19	10,251	3.8	390
Born, 8-23-39; proved, 7-23-48; dead; Mich.	9 daughters--	13	10,615	3.8	402
Sire, 652274; dam, 1539657.	9 dams-------	19	9,526	3.3	318
Herd Owner, Carl Sharrard, Peck.	Difference---	(6-8-8)	+1,089	+.5	+84
VAN HORNE COLANTHA EXCELLENCY 859969----------	6 daughters--	6	11,181	3.6	402
Born, 4-17-42; proved, 7-1-48;----; N. Y.	6 dams-------	19	15,007	3.3	500
Sire, 792749; dam, 1609383.	Difference---	(0-6-0)	-3,826	+.3	-98
Herd Owner, Ruth L. Putnam, Saratoga Springs.					
VANIARD PRINCE MCKINLEY 761564----------	5 daughters--	7	11,309	3.5	392
Born, 12-7-37; proved, 7-26-48;----; Ohio.	5 dams-------	10	11,582	3.3	383
Sire, 600149; dam, 1741075.	Difference---	(2-5-2)	-273	+.2	+9
Herd Owner, John N. Kramer & Sons, New Weston.					
VENTNOR KING SIR FOBES ORMSBY 857558----------	8 daughters--	8	12,061	3.8	464
Born, 9-25-42; proved, 7-15-48;----; Wis.	7 daughters--	7	12,203	3.8	469
Sire, 771132; dam, 1877896.	7 dams-------	17	12,689	3.5	450
Herd Owner, Erwin Stuckert, Oconomowoc.	Difference---	(2-6-4)	+486	+.3	+19
VISTA LANE KING CREATOR FOBES 758385----------	7 daughters--	9	13,799	3.3	452
Born, 6-16-37; proved, 7-12-48;----; Wis.	6 daughters--	7	14,362	3.3	468
Sire, 702050; dam, 1698999.	6 dams-------	30	13,014	3.3	433
Herd Owner, Willard Kussow, West De Pere.	Difference---	(5-3-4)	+1,348	.0	+35
WAL-CO-FARM BARON PONTIAC TRITOMIA 820695----------	10 daughters-	13	11,325	3.6	412
Born, 3-25-41; proved, 7-29-48;----; Wis.	8 daughters--	11	10,727	3.6	391
Sire, 781959; dam, 1572072.	8 dams-------	23	12,089	3.5	420
Herd Owner, Henry J. Hoffman, Burlington.	Difference---	(3-4-3)	-1,362	+.1	-29
WALKER DELANO 766448----------	11 daughters-	13	8,533	3.7	312
Born, 12-23-37; proved, 7-26-48;----; Wis.	7 daughters--	9	8,558	3.6	308
Sire, 696294; dam, 1945661.	7 dams-------	16	9,388	3.6	341
Herd Owner, Milton Brinkhoff, Cottage Grove.	Difference---	(2-5-1)	-830	.0	-33
WALKER INKA POSCH LAD 874605----------	10 daughters-	15	10,443	3.7	388
Born, 10-14-41; proved, 7-6-48;----; N. Y.	8 daughters--	12	10,544	3.7	392
Sire, 761460; dam, 2054076.	8 dams-------	15	11,823	3.4	408
Herd Owner, Ordo Williamson & Son, Greenwood.	Difference---	(2-7-3)	-1,279	+.3	-16
WALNUT ROAD BURKE ORMSBY 820835----------	12 daughters-	15	10,255	3.4	353
Born, 4-20-40; proved, 7-16-48;----; Wis.	8 daughters--	10	10,225	3.4	349
Sire, 741298; dam, 2002694.	8 dams-------	23	9,574	3.3	319
Herd Owner, Gerald Hunter, Spring Green.	Difference---	(5-5-6)	+651	+.1	+30
WASSAIC HAPS CREAMELLE 818816----------	6 daughters--	6	11,782	3.5	410
Born, 2-5-41; proved, 7-12-48; dead; N. Y.	5 daughters--	5	12,019	3.5	421
Sire, 757029; dam, 1540412.	5 dams-------	8	11,295	3.1	354
Herd Owner, Wassaic State School, Wassaic.	Difference---	(4-3-4)	+724	+.4	+67

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WASSIAC PRINCE 789809----------	22 daughters-	26	10,449	3.5	368
Born, 8-9-39; proved, 7-20-48; alive; N. Y.	13 daughters-	15	10,169	3.6	363
Sire, 740495; dam, 1540412.	13 dams------	18	11,284	3.4	382
Herd Owner, Wassaic State School, Wassaic.	Difference---	(4-10-6)	-1,115	+.2	-19
WEBER BURKE CLOUDY 838718----------	6 daughters--	7	14,061	3.3	459
Born, 8-8-41; proved, 7-1-48; alive; Utah.	6 dams-------	23	13,607	3.2	439
Sire, 697789; dam, 1575422.	Difference---	(3-5-3)	+454	+.1	+20
Herd Owner, Leon P. Jensen, Brigham.					
WEBER BURKE CLOVER LAD 786098----------	5 daughters--	9	12,019	3.3	397
Born, 4-6-39; proved, 7-2-48;----; Utah.	5 dams-------	17	13,947	3.4	473
Sire, 697789; dam, 1619403.	Difference---	(1-2-1)	-1,928	-.1	-76
Herd Owner, Leon D. Gardner, Deweyville.					
WEE WONDER PETE ORMSBY LASS 790416----------	10 daughters-	18	8,988	3.4	306
Born, 11-8-39; proved, 7-12-48;----; Wis.	10 dams------	41	11,419	3.4	392
Sire, 737653; dam, 1758820.	Difference---	(0-6-0)	-2,431	.0	-86
Herd Owner, Edward Wentker, Mishicot.					
WELT ALBERT NUDINE ROLO 873074----------	9 daughters--	14	10,000	3.6	359
Born, 4-1-40; proved, 7-2-48;----; Md.	6 daughters--	7	10,187	3.6	364
Sire, 739580; dam, 1837950.	6 dams-------	13	10,911	3.6	395
Herd Owner, William E. Thompson & Son, Boyds.	Difference---	(1-4-1)	-724	.0	-31
WEYBRO SANDY 828599----------	7 daughters--	10	11,870	3.7	436
Born, 10-3-39; proved, 7-27-48;----; Maine.	7 dams-------	33	12,929	3.7	473
Sire, 737982; dam, 1832161.	Difference---	(1-5-2)	-1,059	.0	-37
Herd Owner, Charles H. Rackley, Topsham.					
WIMBLEDON GOVERNOR EMPEROR 766720----------	5 daughters--	6	11,964	3.5	420
Born, 5-18-38; proved, 7-1-48; dead; Del.	5 dams-------	13	11,480	3.5	400
Sire, 671030; dam, 1771839.	Difference---	(3-3-3)	+484	.0	+20
Herd Owner, Purnel F. Friedel, Viola.					
WINDY SUMMIT PREMIER PRILLY 878677----------	8 daughters--	8	12,097	3.7	452
Born, 8-12-42; proved, 7-2-48; ----; Md.	8 dams-------	8	10,590	3.4	365
Sire, 765702; dam, 2025856.	Difference---	(6-8-8)	+1,507	+.3	+87
Herd Owner, Wooden & Barbaugh, Reisterstown.					
WINFARM GOVERNOR 801164----------	10 daughters-	12	12,330	3.7	458
Born, 9-1-39; proved, 7-29-48; dead; N. Y.	9 daughters--	11	12,104	3.7	450
Sire, 705181; dam, 1786062.	9 dams-------	26	12,987	3.6	464
Herd Owner, Seth T. Merwin, Millerton.	Difference---	(2-8-4)	-883	+.1	-14
WINNEBAGO ORMSBY SIR DELLA 738335----------	7 daughters--	11	12,575	3.4	429
Born, 2-13-36; proved, 7-19-48;----; Wis.	6 daughters--	8	12,798	3.4	432
Sire, 439238; dam, 1550957.	6 dams-------	21	12,313	3.4	421
Herd Owner, Winnebago State Hospital, Winnebago.	Difference---	(5-2-5)	+485	.0	+11
WIN-STAFA SIR PREMIER HOMESTEAD 788774----------	5 daughters--	8	9,801	3.8	377
Born, 12-30-38; proved, 7-13-48;----; Wis.	5 dams-------	27	10,361	4.1	420
Sire, 725856; dam, 1732997.	Difference---	(3-2-2)	-560	-.3	-43
Herd Owner, Edwin Vorpagel, Burlington.					
WINTERTHUR NEBRASKA POSCH VIKING 798833----------	15 daughters-	20	13,061	3.5	459
Born, 2-21-40; proved, 7-23-48;----; Pa.	15 dams------	51	12,211	3.3	408
Sire, 671310; dam, 1970028.	Difference---	(10-13-11)	+850	+.2	+51
Herd Owner, Pecora's Farm Dairy, Drums.					
WINTERTHUR PILOT POSCH REGAL 740430----------	7 daughters--	16	11,152	3.5	392
Born, 7-12-36; proved, 7-21-48;----; Pa.	5 daughters--	12	11,635	3.5	410
Sire, 700000; dam, 1613728.	5 dams-------	33	13,022	3.4	444
Herd Owner, Milton C. Satterthwaite, Woodside.	Difference---	(0-4-1)	-1,387	+.1	-34
WINTERTHUR SEGIS NEBRASKA XANQUIN 854298----------	7 daughters--	7	11,536	4.1	473
Born, 3-25-42; proved 7-1-48; alive; N. Y.	7 dams-------	18	13,864	3.6	499
Sire, 756158; dam, 2061870.	Difference---	(1-7-3)	-2,328	+.5	-26
Herd Owner, Karl S. Hartshorn & Sons, Lebanon.					
WISCONSIN DAIRY KING 742799----------	6 daughters--	13	9,307	3.5	321
Born, 4-24-37; proved, 7-20-48;----; Wis.	6 dams-------	13	10,655	3.4	362
Sire, 721804; dam, 1432620.	Difference---	(2-3-2)	-1,348	+.1	-41
Herd Owner, Felix Garsow, West De Pere.					
WIS MENDOTA EDEL STEINHOME 752878----------	12 daughters-	17	11,790	3.5	411
Born, 1-10-38; proved, 7-26-48;----; Wis.	12 dams------	43	12,321	3.3	412
Sire, 628988; dam, 1355423.	Difference---	(6-10-7)	-531	+.2	-1
Herd Owner, Mendota State Hospital, Mendota.					
WISOF PEERLESS WICKFIELD M B B 826091----------	12 daughters-	16	9,445	3.5	333
Born, 1-6-41; proved, 7-23-48;----; Wis.	8 daughters--	10	9,106	3.6	325
Sire, 706793; dam, 1561204.	8 dams-------	8	12,069	3.6	440
Herd Owner, Mrs. Hazel Biermeier, Elroy.	Difference---	(0-4-0)	-2,963	.0	-115

HOLSTEIN SIRES	Animals	Records Averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
W I S ORMSBY BEAUTY 791982----------	5 daughters--	14	12,618	3.7	463
Born, 12-22-39; proved, 7-16-48;----; Wis.	5 dams-------	9	14,309	3.4	484
Sire, 729042; dam, 1963542.	Difference---	(0-5-1)	-1,691	+.3	-21
Herd Owner, Elmer Krull, Lake Mills.					
W I S ORMSBY KELLY 817789----------	6 daughters--	6	11,108	3.4	375
Born, 1-9-41; proved, 7-12-48;----; Wis.	5 daughters--	5	10,852	3.4	370
Sire, 752762; dam, 1912277.	5 dams-------	8	12,008	3.3	399
Herd Owner, Wis. Industrial School for Boys, Waukesha.	Difference---	(2-2-2)	-1,156	+.1	-29
WITTENBORN INKA PEGGY LAD 938091----------	9 daughters--	12	13,375	3.4	458
Born, 2-14-40; proved, 7-8-48;----; Ill.	5 daughters--	6	12,790	3.4	430
Sire, 705907; dam, 2593513.	5 dams-------	8	14,556	3.2	473
Herd Owner, Raymond Wittenborn, Sparta.	Difference---	(1-3-1)	-1,766	+.2	-43
WOODCRAFT QUANTITY WATSON 675517----------	47 daughters-	64	12,164	3.4	408
Born, 1-28-33; proved, 7-8-48; dead; Colo.	41 daughters-	55	12,220	3.4	413
Sire, 643371; dam, 1497328.	41 dams------	44	11,267	3.3	371
Herd Owner, Colorado State Hospital, Pueblo.	Difference---	(30-26-33)	+9[illegible]	+.1	+42
WOODCRAFT SIR ORMSBY JEWEL FOBES 809739----------	9 daughters--	11	10,712	3.7	398
Born, 9-1-40; proved, 7-13-48;----; Colo.	9 dams-------	29	9,765	3.5	339
Sire, 768231; dam, 1860977.	Difference---	(7-7-7)	+947	+.2	+59
Herd Owner, J. K. Mullen Home for Boys, Ft. Logan.					
WOODCRAFT WIMPLE SUCCESSOR FOBES 792136----------	8 daughters--	10	13,490	3.5	473
Born, 11-7-39; proved, 7-16-48; alive; Colo.	8 dams-------	32	10,991	3.9	425
Sire, 654329; dam, 1161346.	Difference---	(7-2-6)	+2,499	-.4	+48
Herd Owner, Modern Woodmen Sanatorium, Woodmen.					
WOODNUTT COLANTHA JOE 855229----------	7 daughters--	7	9,885	3.7	368
Born, 8-28-40; proved, 7-1-48;----; N. Y.	6 daughters--	6	9,560	3.8	359
Sire, 758118; dam, 2091746.	6 dams-------	9	10,763	4.0	431
Herd Owner, Gladys C. Woodnutt, Millerton.	Difference---	(3-1-2)	-1,203	-.2	-72
WYE OAK SIR BESSIE 801180----------	13 daughters-	25	11,229	3.7	414
Born, 11-24-39; proved, 7-23-48;----; Pa.	8 daughters--	14	10,886	3.7	402
Sire, 618582; dam, 1511538.	8 dams-------	39	11,397	3.5	401
Herd Owner, J. Mowery Frey, Lancaster.	Difference---	(3-5-4)	-511	+.2	+1
ZEIGS LEANDER RAINBO HESS 856203----------	6 daughters--	8	9,732	3.3	322
Born, 10-10-41; proved, 7-6-48;----; Pa.	5 daughters--	6	9,594	3.3	316
Sire, 773865; dam, 1902714.	5 dams-------	6	11,655	3.3	390
Herd Owner, Clarence Messersmith, Danville.	Difference---	(0-3-0)	-2,061	.0	-74
ZURBRIGGEN AICARTRA LYONS 809779----------	14 daughters-	14	9,972	3.5	345
Born, 4-5-40; proved, 7-12-48; dead; Ill.	7 daughters--	7	9,335	3.6	337
Sire, 740848; dam, 1803627.	7 dams-------	13	13,546	3.6	493
Herd Owner, C. B. Bridge & Mensen Brothers, Orangeville.	Difference---	(0-4-1)	-4,211	.0	-156
ZURBRIGGEN PONTIAC LYONS (TWIN) 766021----------	10 daughters-	14	10,356	3.7	379
Born, 12-12-37; proved, 7-28-48;----; Ill.	8 daughters--	11	10,044	3.6	360
Sire, 729127; dam, 1557091.	8 dams-------	35	11,732	3.4	397
Herd Owner, Clarence G. Springman & Son, Red Oak.	Difference---	(1-7-2)	-1,688	+.2	-37
17769----------	7 daughters--	15	8,893	3.7	327
Born, ----; proved, 7-30-48;----; Pa.	7 dams-------	33	10,206	[illegible]	334
Sire, ----; dam, ----.	Difference---	(1-7-2)	-1,313	+.4	-7
Herd Owner, C. Lester Bartley, Bellefonte.					
18467----------	11 daughters-	12	11,543	3.6	418
Born, ----; proved, 7-30-48; dead; Idaho.	5 daughters--	6	10,787	3.5	383
Sire, ----; dam, ----.	5 dams-------	7	13,876	3.3	453
Herd Owner, S. M. Bauman & Son, Bonners Ferry.	Difference---	(1-5-1)	-3,089	+.2	-70
35*EC47350 (BANGS OR TB EARTAG)----------	5 daughters--	6	10,080	3.7	372
Born, ----; proved, 7-26-48;----; Wis.	5 dams-------	17	10,691	3.9	412
Sire, ----; dam, ----.	Difference---	(3-2-0)	-611	-.2	-40
Herd Owner, Fred Buboltz, Brillion.					
35*HX57400 (BANGS OR TB EARTAG)----------	10 daughters-	12	11,544	3.7	[illegible]
Born, ----; proved, 7-28-48;----; Wis.	6 daughters--	[illegible]	12,13[illegible]	3.7	450
Sire, ----; dam, ----.	6 dams-------	12	11,088	4.3	471
Herd Owner, Harold Berg, Cumberland.	Difference---	(5-2-1)	+1,047	-.6	-21
35*EZ59565 (BANGS OR TB EARTAG)----------	5 daughters--	7	12,976	3.4	439
Born, ----; proved, 7-13-48;----; Wis.	5 dams-------	12	11,557	3.5	399
Sire, ----; dam, ----.	Difference---	(5-2-4)	+1,419	-.1	+40
Herd Owner, Arthur Gruber, Chilton.					
35*EC65701 (BANGS OR TB EARTAG)----------	10 daughters-	25	12,616	3.9	494
Born, ----; proved, 7-16-48;----; Wis.	6 daughters--	12	13,[illegible]16	3.7	494
Sire, ----; dam, ----.	6 dams-------	17	13,071	3.7	486
Herd Owner, Otto Mielke, Seymour.	Difference---	(3-4-[illegible])	+245	.0	+8

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
35*HM92169 (BANGS OR TB EARTAG)----------	5 daughters--	5	10,217	3.5	362
Born, ----; proved, 7-12-48;----; Wis.	5 dams-------	18	12,128	3.5	424
Sire, ----; dam, ----.	Difference---	(0-4-0)	-1,911	.0	-62
Herd Owner, James Kile & George Krojeck, Evansville.					
35*ES97486 (BANGS OR TB EARTAG)----------	6 daughters--	15	12,253	3.3	403
Born, ----; proved, 7-13-48;----; Wis.	5 daughters--	11	12,268	3.3	408
Sire, ----; dam, ----.	5 dams-------	7	12,363	3.6	450
Herd Owner, Wallace Meyer, Baraboo.	Difference---	(1-1-1)	-95	-.3	-42
41-P8223 (DHIA EARTAG)----------	5 daughters--	9	13,065	3.2	424
Born, ----; proved, 7-1-48;----; Minn.	5 dams-------	9	12,506	3.5	436
Sire, ----; dam, ----.	Difference---	(3-0-2)	+559	-.3	-12
Herd Owner, Gustafson Brothers, Maple Plain.					
41*N761567 (BANGS OR TB EARTAG)----------	6 daughters--	8	8,966	3.7	334
Born, ----; proved, 7-19-48;----; Minn.	5 daughters--	7	8,783	3.8	338
Sire, ----; dam, ----.	5 dams-------	13	9,038	3.7	339
Herd Owner, Eugene T. Ryan, Goodhue.	Difference---	(3-3-2)	-255	+.1	-1
42-5648 (DHIA EARTAG)----------	13 daughters-	31	10,448	3.3	349
Born, ----; proved, 7-20-48;----; Iowa.	7 daughters--	18	10,317	3.4	348
Sire, ----; dam, ----.	7 dams-------	21	10,119	3.3	331
Herd Owner, Klinkenborg Bros., George.	Difference---	(4-5-4)	+198	+.1	+17
42-6495 (DHIA EARTAG)----------	7 daughters--	16	13,182	3.5	457
Born, ----; proved, 7-21-48; dead; Iowa.	5 daughters--	12	13,901	3.4	471
Sire, ----; dam, ----.	5 dams-------	12	10,942	3.8	419
Herd Owner, Louis Eckhardt, Wellman.	Difference---	(4-0-4)	+2,959	-.4	+52
42-H9973 (DHIA EARTAG) ----------	5 daughters--	11	12,632	3.6	458
Born, ----; proved, 7-20-48;----; Iowa.	5 dams-------	13	13,443	3.9	520
Sire, ----; dam, ----.	Difference---	(1-0-0)	-811	-.3	-62
Herd Owner, Fred Draker, Grundy Center.					
42*W155128 (BANGS OR TB EARTAG)----------	8 daughters--	9	10,086	3.4	342
Born, ----; proved, 7-22-48;----; Iowa.	7 daughters--	8	10,227	3.4	349
Sire, ----; dam, ----.	7 dams-------	15	9,152	3.4	307
Herd Owner, Clarke Shelton, Spencer.	Difference---	(5-4-5)	+1,075	.0	+42
43-8562 (DHIA EARTAG)----------	9 daughters--	14	12,874	3.4	432
Born, ----; proved, 7-22-48;----; Mo.	6 daughters--	9	12,605	3.3	422
Sire, ----; dam, ----.	6 dams-------	14	9,402	3.4	321
Herd Owner, Missouri Training School, Boonville.	Difference---	(5-1-5)	+3,204	-.1	+101
52-4940 (DHIA EARTAG)----------	29 daughters-	54	10,148	3.5	358
Born, ----; proved, 7-15-48;----; Va.	9 daughters--	17	9,510	3.5	335
Sire, ----; dam, ----.	9 dams-------	21	9,742	3.7	358
Herd Owner, A. Gordon Willis, Culpeper.	Difference---	(3-5-3)	-232	-.2	-23
61-8003 (DHIA EARTAG)----------	24 daughters-	54	12,180	3.4	414
Born, ----; proved, 7-15-48; dead; Ky.	19 daughters-	43	12,328	3.4	421
Sire, ----; dam, ----.	19 dams------	85	12,792	3.4	437
Herd Owner, R. L. Duncan, La Grange.	Difference---	(7-13-7)	-464	.0	-16
91-XA0278 (DHIA EARTAG)----------	7 daughters--	7	10,504	3.4	357
Born, ----; proved, 7-1-48;----; Wash.	6 daughters--	6	10,662	3.4	358
Sire, ----; dam, ----.	6 dams-------	9	11,336	3.2	368
Herd Owner, Eastern State Hospital, Medical Lake.	Difference---	(2-5-2)	-674	+.2	-10

JERSEY SIRES

AGATHA'S ROWDY FOX 411948----------	10 daughters-	12	8,342	5.6	471
Born, 2-15-40; proved, 7-21-48;----; Va.	8 daughters--	9	8,435	5.7	479
Sire, 357462; dam, 748177.	8 dams-------	37	8,290	6.0	495
Herd Owner, Montpelier Farm, Orange.	Difference---	(5-4-3)	+145	-.3	-16
ALLIGATOR SUCCESSOR 385017----------	8 daughters--	9	7,695	5.0	384
Born, 4-18-37; proved, 7-15-48;----; Utah.	7 daughters--	8	7,573	5.0	378
Sire, 293449; dam, 994852.	7 dams-------	27	7,693	5.1	392
Herd Owner, Caine Dairy Farm, Richmond.	Difference---	(3-3-4)	-120	-.1	-14
ALTRUISM VOLUNTEER 345839----------	24 daughters-	30	6,733	5.0	337
Born, 8-30-31; proved, 7-20-48;----; Pa.	6 daughters--	10	5,619	5.0	283
Sire, 289588; dam, 845063.	6 dams-------	6	7,474	5.2	391
Herd Owner, Glenn Noble, Gillett.	Difference---	(0-2-0)	-1,855	-.2	-108
BABY VOLUNTEER BOY 425972----------	9 daughters--	14	7,347	5.2	381
Born, 10-11-40; proved, 7-1-48; dead; Wash.	8 daughters--	12	7,407	5.2	383
Sire, 375211; dam, 1193175.	8 dams-------	19	6,851	5.0	343
Herd Owner, Robert P. Easterbrook, Sumas.	Difference---	(6-6-6)	+556	+.2	+40

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BELLE'S CHOICE DIAMOND OWL 273437----------	16 daughters-	43	7,098	5.1	363
Born, 9-11-26; proved, 7-27-48;----; Pa.	6 daughters--	14	7,683	5.1	394
Sire 215148; dam, 496813.	6 dams-------	11	7,378	5.1	375
Herd Owner, Robert H. Shriver, Petrolia.	Difference---	(4-3-3)	+305	.0	+19
BELLE'S CORONATION LAD 380331----------	7 daughters--	17	6,592	5.3	348
Born, 5-17-35; proved, 7-15-48; dead; Kans.	7 dams-------	35	6,240	5.1	320
Sire, 359177; dam, 738467.	Difference---	(4-5-5)	+352	+.2	+28
Herd Owner, John A. Bowyer, Abilene,					
BINDLE SOCIABLE SUCCESSOR 406548----------	9 daughters--	16	6,539	5.2	341
Born, 10-14-39; proved, 7-7-48; dead; Ohio.	8 daughters--	15	6,339	5.3	337
Sire, 338955; dam, 1139216.	8 dams-------	45	8,260	5.3	435
Herd Owner, Roy R. Smith, Powell.	Difference---	(1-6-0)	-1,921	.0	-98
BUTTERCUP SYBIL NOBLE 384110----------	11 daughters-	16	5,810	5.3	308
Born, 9-18-36; proved, 7-9-48;----; W. Va.	10 daughters-	15	5,833	5.3	310
Sire, 275178; dam, 1068905.	10 dams------	35	6,343	5.2	328
Herd Owner, E. J. Gump, Cameron.	Difference---	(5-6-6)	-510	+.1	-18
BLONDE DESIGN PRINCE 391307----------	8 daughters--	13	6,491	5.5	354
Born, 1-24-37; proved, 7-27-48;----; Mo.	8 dams-------	26	6,756	5.1	346
Sire, 359182; dam, 954339.	Difference---	(4-6-4)	-265	+.4	+8
Herd Owner, Bonnie Carrie Farms # 1 & 2, Seymour.					
BLONDE'S GOLDEN VISCOUNT 422421----------	6 daughters--	6	6,480	5.4	348
Born, 7-5-40; proved, 7-27-48;----; Ind.	5 daughters--	5	6,336	5.3	338
Sire, 337055; dam, 959474.	5 dams-------	10	7,285	5.6	410
Herd Owner, R. L. Adams, Whiteland.	Difference---	(2-2-2)	-949	-.3	-72
BOWLINA HUTCHINSON 368642----------	16 daughters-	18	6,746	5.5	373
Born, 8-23-35; proved, 7-15-48;----; Minn.	15 daughters-	17	6,827	5.5	374
Sire, 344233; dam, 881750.	15 dams-------	43	6,685	5.4	358
Herd Owner, Guy W. Field, Hutchinson.	Difference---	(11-9-11)	+142	+.1	+16
BOWLINA LUNAR SULTAN 391961----------	12 daughters-	17	6,890	5.3	365
Born, 11-19-37; proved, 7-26-48;----; Kans.	10 daughters-	15	6,966	5.3	372
Sire, 339532; dam, 953432.	10 dams------	36	7,370	5.0	372
Herd Owner, Stevens & Thompson, Vinland.	Difference---	(5-7-7)	-404	+.3	0
BOWLINA'S PREMIER 341030----------	9 daughters--	20	7,863	5.5	435
Born, 10-14-29; proved, 7-12-48;----; Ind.	5 daughters--	11	8,007	5.5	443
Sire, 252581; dam, 713353.	5 dams-------	15	6,756	5.4	366
Herd Owner, Edwin S. Mills & Sons, Indianapolis.	Difference---	(3-3-4)	+1,251	+.1	+77
BOWLINA WONDERFUL AIM 417532----------	13 daughters-	14	6,703	5.2	351
Born, 2-28-40; proved, 7-6-48;----; Mich.	10 daughters-	11	6,922	5.2	362
Sire, 93295 CJCC; dam, 89944 CJCC.	10 dams------	38	7,471	5.3	398
Herd Owner, Ray Grabill, White Cloud.	Difference---	(4-3-3)	-549	-.1	-36
BRAMPTON HERO 426727*----------	9 daughters--	13	10,155	5.1	516
Born, 9-6-40; proved, 2-17-48;----; Mich.	8 daughters--	12	10,030	5.0	504
Sire, 298052; dam, 1162402.	8 dams-------	23	8,947	5.0	452
Herd Owner, H. Klockziem, Laingsburg.	Difference---	(5-4-6)	+1,083	.0	+52
BROOK PRIDE ROYAL 358778----------	20 daughters-	31	7,019	5.4	382
Born, 10-9-33; proved, 7-30-48; dead; Ky.	13 daughters-	15	7,441	5.4	404
Sire, 351913; dam, 529730.	13 dams------	24	8,173	5.4	440
Herd Owner, Hugh G. Gingles, Kirksey.	Difference---	(5-7-5)	-732	.0	-36
BULLSEYE'S NOBLE OF LA LOMITA, IMP. 293967----------	17 daughters-	39	8,094	5.5	449
Born, 7-28-28; proved, 7-27-48; dead; Idaho.	10 daughters-	14	8,730	5.4	472
Sire, 286449; dam, 799623.	10 dams------	29	7,684	5.6	427
Herd Owner, H. G. Myers, Boise.	Difference---	(7-4-7)	+1,046	-.2	+45
CHERRY WONDERFUL STANDARD 402741----------	5 daughters--	11	6,600	5.2	342
Born, 2-6-38; proved, 7-15-48;----; N. Y.	5 dams-------	12	7,679	5.1	390
Sire, 313922; dam, 1165770.	Difference---	(1-3-2)	-1,079	+.1	-48
Herd Owner, George T. Rich, Hobart.					
CLEAR SPRINGS PREMIER POGIS 427726----------	12 daughters-	16	7,998	5.2	417
Born, 3-12-41; proved, 7-1-48;----; Pa.	12 dams------	34	8,707	5.1	446
Sire, 371119; dam, 898774.	Difference---	(6-7-4)	-709	+.1	-29
Herd Owner, Curtis Smith, Gillett.					
COLONEL'S TORONO 208363----------	14 daughters-	35	6,001	5.6	333
Born, 11-27-20; proved, 7-27-48;----; Vt.	5 daughters--	9	6,420	5.4	348
Sire, 170236; dam, 393884.	5 dams-------	18	7,304	5.3	388
Herd Owner, John Burbank, Chelsea.	Difference---	(1-4-1)	-884	+.1	-40
COME SON SYBIL BARON 436576----------	7 daughters--	7	8,862	5.2	459
Born, 3-26-42; proved, 7-14-48;----; Oreg.	5 daughters--	5	8,143	5.4	437
Sire, 382849; dam, 919667.	5 dams-------	8	8,200	5.7	471
Herd Owner, Harold Clark, Creswell.	Difference---	(3-0-3)	-57	-.3	-34

* Incorrectly listed as Foxy Sybil Design 426727.

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DAISY'S ESTELLA VOLUNTEER 378567----------	5 daughters--	6	7,308	5.5	401
Born, 9-27-36; proved, 7-12-48;----; Colo.	5 dams-------	16	10,636	5.0	534
Sire, 346193; dam, 974729.	Difference---	(1-4-1)	-3,328	+.5	-133
Herd Owner, Jake Alles, Greeley.					
DESIGN BLONDE MASTERMAN 440747----------	6 daughters--	9	6,101	5.3	324
Born, 10-5-40; proved, 7-19-48;----; Ind.	5 daughters--	7	6,475	5.3	342
Sire, 387636; dam, 906203.	5 dams-------	6	7,180	5.4	388
Herd Owner, Campbell & White, Franklin.	Difference---	(2-3-2)	-705	-.1	-46
DESIGN BOUTILLIERE DAWN 399545----------	19 daughters-	31	6,888	5.1	353
Born, 5-11-38; proved, 7-9-48;----; Mich.	16 daughters-	27	6,852	5.1	348
Sire, 379255; dam, 1083585.	16 dams------	60	7,470	5.0	372
Herd Owner, Emil Anderson, Coldwater.	Difference---	(7-10-6)	-618	+.1	-24
DESIGNER FLASHY BOY 418076----------	9 daughters--	19	7,291	5.4	394
Born, 7-28-40; proved, 7-9-48;----; Pa.	8 daughters--	16	7,244	5.4	393
Sire, 401928; dam, 1134067.	8 dams-------	43	9,054	5.4	489
Herd Owner, Mercer Sanitarium, Mercer.	Difference---	(0-4-0)	-1,810	.0	-96
DESIGN FOREMOST MAJESTY 422570----------	6 daughters--	6	8,692	5.1	442
Born, 9-20-40; proved, 7-30-48;----; Mich.	5 daughters--	5	8,149	4.9	402
Sire, 381549; dam, 1249604.	5 dams-------	16	8,196	5.0	410
Herd Owner, Wayne L. Kelly, Gobles.	Difference---	(3-3-2)	-47	-.1	-8
DESIGN OXFORD OBSERVER PEER 371299----------	14 daughters-	17	7,576	5.1	390
Born, 7-13-35; proved, 7-30-48;----; Tenn.	5 daughters--	6	7,044	5.2	364
Sire, 343455; dam, 836101.	5 dams-------	9	5,219	5.1	267
Herd Owner, Robert Jordan, Franklin.	Difference---	(4-4-4)	+1,825	+.1	+97
DOUBLE STANDARD LE RONDIN 410051----------	15 daughters-	22	7,580	5.8	440
Born, 4-8-39; proved, 7-9-48;----; Wash.	9 daughters--	10	7,771	5.6	435
Sire, 80038 CJCC; dam, 1197884.	9 dams-------	35	8,797	5.2	460
Herd Owner, Charles H. Wivell Dairies, Inc., Shelton.	Difference---	(3-7-3)	-1,026	+.4	-25
DREAMING JOCK, IMP. 382277----------	10 daughters-	28	8,144	5.1	419
Born, 1-29-34; proved, 7-8-48;----; Pa.	5 daughters--	14	7,518	5.4	407
Sire, 373034; dam, P.S. 40717 H.C.	5 dams-------	8	6,896	5.4	375
Herd Owner, Dr. Charles Massinger, Phoenixville.	Difference---	(3-4-4)	+622	.0	+32
DREAMING PILGRIM WARRIOR 409810----------	8 daughters--	10	7,744	5.3	413
Born, 12-14-39; proved, 7-7-48;----; Wis.	6 daughters--	8	7,871	5.3	418
Sire, 317475; dam, 1054886.	6 dams-------	19	6,706	5.5	369
Herd Owner, Merl Remington, Elroy.	Difference---	(5-3-4)	+1,165	-.2	+49
DREAMING ROBIN 405566----------	10 daughters-	16	7,359	5.7	417
Born, 7-26-39; proved, 7-30-48;----; Iowa.	7 daughters--	11	7,531	5.6	419
Sire, 359290; dam, 1189338.	7 dams-------	12	7,072	5.7	403
Herd Owner, Ed. Geraghty, McGregor.	Difference---	(4-2-4)	+459	-.1	+16
DUCKER'S PERRY ST. MAWES OF O. V. 304864----------	6 daughters--	6	8,362	5.4	452
Born, 10-28-28; proved, 7-26-48;----; Calif.	5 daughters--	5	8,416	5.3	444
Sire, 231453; dam, 634453.	5 dams-------	5	7,524	5.2	388
Herd Owner, Jersey Cove Dairy, Willits.	Difference---	(3-4-3)	+892	+.1	+56
DURRAH COME KING 425798----------	12 daughters-	22	8,221	5.4	446
Born, 3-2-41; proved, 7-1-48; dead; Wash.	7 daughters--	12	7,673	5.4	413
Sire, 358899; dam, 1285698.	7 dams-------	19	8,357	5.3	444
Herd Owner, Clinton Smith, Skamokawa.	Difference---	(1-3-2)	-684	+.1	-31
EAGLE'S KING ONYX OF OZ 407498----------	5 daughters--	5	7,044	4.9	342
Born, 4-15-39; proved, 7-12-48;----; Kans.	5 dams-------	5	8,830	4.9	431
Sire, 285595; dam, 1177024.	Difference---	(1-3-1)	-1,786	.0	-89
Herd Owner, Myron C. Miller, Anthony.					
ESTELLA P. DESIGN OF R. V. 438679----------	6 daughters--	8	7,644	4.9	377
Born, 1-6-42; proved, 7-29-48;----; Tex.	6 dams-------	19	8,595	4.8	410
Sire, 355876; dam, 1204925.	Difference---	(1-3-2)	-951	+.1	-33
Herd Owner, W. S. Koon, Brashear.					
FAUVIC BLONDE BRAVO KING 384223----------	6 daughters--	9	6,065	5.4	330
Born, 10-22-36; proved, 7-9-48;----; N. Y.	5 daughters--	8	6,656	5.4	359
Sire, 349187; dam, 942233.	5 dams-------	15	6,966	5.5	382
Herd Owner, L. C. Ledyard, Huntington.	Difference---	(3-2-3)	-310	-.1	-23
FAUVIC EMBLEM VICTOR 435063----------	8 daughters--	11	6,784	5.3	360
Born, 4-10-41; proved, 7-9-48;----; Vt.	8 dams-------	48	7,032	4.9	342
Sire, 417573; dam, 1043582.	Difference---	(2-6-4)	-248	+.4	+18
Herd Owner, Clinton Gilbert, Woodstock.					
FAUVIC OXFORD KNIGHT 349961----------	12 daughters-	37	9,153	4.7	430
Born, 12-15-31; proved, 7-20-48;----; Mich.	6 daughters--	22	8,618	4.8	410
Sire, 263969; dam, 462464.	6 dams-------	17	8,172	5.1	416
Herd Owner, Howard Slade, White Cloud.	Difference---	(3-1-3)	+446	-.3	-6

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
F. D. GAME TORMENTOR 440997	11 daughters-	14	8,585	5.8	500
Born, 6-24-40; proved, 7-21-48; alive; Md.	9 daughters--	12	8,703	5.8	504
Sire, 355635; dam, 1111120.	9 dams-------	34	7,978	5.4	428
Herd Owner, Indian Spring Farm, Darlington.	Difference---	(6-8-8)	+725	+.4	+76
FERN GOLDEN DESIGN DOUBLE 435785	5 daughters--	7	5,551	5.8	320
Born, 12-17-39; proved, 7-19-48;----; Vt.	5 dams-------	28	6,224	5.6	349
Sire, 381109; dam, 1113356.	Difference---	(1-4-2)	-673	+.2	-29
Herd Owner, Shore Acres Farm, Shelburne.					
FLEECE CARRY ON 426702	14 daughters-	18	9,818	5.4	535
Born, 2-2-41; proved, 7-30-48;----; Mich.	14 dams------	43	9,371	5.4	507
Sire, 384282; dam, 1131901.	Difference---	(9-7-9)	+447	.0	+28
Herd Owner, Floyd & LaVerne Luckenbill, Corunna.					
FLYING MASTERMAN 378667	11 daughters--	24	7,872	5.7	452
Born, 1-5-36; proved, 7-13-48; dead; Wash.	9 daughters--	16	7,730	5.8	448
Sire, 347210; dam, 977834.	9 dams-------	29	8,697	5.7	492
Herd Owner, H. D. Ozment, Cathlamet.	Difference---	(2-7-3)	-967	+.1	-44
FOREMOST ESTHER'S SIR 393069	5 daughters--	5	5,460	5.6	304
Born, 11-25-37; proved, 7-29-48;----; Iowa.	5 dams-------	21	6,573	5.1	337
Sire, 359622; dam, 1149802.	Difference---	(1-3-2)	-1,113	+.5	-33
Herd Owner, Phillip Smith, Chelsea.					
FOUR-OWLS FIVE-FAMILY LAD 425530	8 daughters--	11	7,470	5.5	412
Born, 9-26-40; proved, 7-6-48;----; Va.	5 daughters--	7	7,546	5.5	414
Sire, 344307; dam, 1146556.	5 dams-------	15	8,624	4.9	420
Herd Owner, R. W. Curtis, Viewtown.	Difference---	(1-4-2)	-1,078	+.6	-6
GAMBOGE DAIRYLIKE LADDIE 382637	11 daughters-	30	7,527	5.5	415
Born, 2-26-35; proved, 7-15-48;----; N. Y.	6 daughters--	18	7,228	5.8	418
Sire, 300174; dam, 682279.	6 dams-------	22	7,278	5.3	388
Herd Owner, Benson La Fever, Bovina Center.	Difference---	(2-6-5)	-50	+.5	+30
GAMBOGE YOU'LL DO OXFORD 437754	7 daughters--	10	7,623	5.8	446
Born, 9-28-41; proved, 7-16-48;----; Oreg.	7 dams-------	26	6,911	6.0	416
Sire, 405578; dam, 1128284.	Difference---	(6-2-5)	+712	-.2	+30
Herd Owner, Glen L. Thurston, Scio.					
GAY PRINCE LADDIE 392275	8 daughters--	8	4,856	5.2	253
Born, 7-29-37; proved, 7-27-48; dead; Ohio.	5 daughters--	5	4,414	4.8	214
Sire, 338945; dam, 1091337.	5 dams-------	5	6,324	5.2	329
Herd Owner, Blackwell & Denmead, West Liberty.	Difference---	(1-0-0)	-1,910	-.4	-115
GEM CYCLONE REMUS B. W. 456813	8 daughters--	10	7,817	5.6	436
Born, 8-10-42; proved, 7-27-48;----; Vt.	8 dams-------	27	7,838	5.4	420
Sire, 404912; dam, 1074381.	Difference---	(5-6-5)	-21	+.2	+16
Herd Owner, D. H. Wright & Son, West Brattleboro.					
HELEN'S DESIGN 424796	6 daughters--	9	6,848	5.4	367
Born, 4-2-41; proved, 7-14-48;----; Kans.	6 dams-------	38	8,018	5.3	426
Sire, 354680; dam, 905366.	Difference---	(2-4-3)	-1,170	+.1	-59
Herd Owner, Fred B. Smith, Highland.					
HI-B PETE ALDAN 424786	21 daughters-	28	8,232	5.2	427
Born, 12-3-40; proved, 7-13-48; dead; Iowa.	21 dams------	51	8,141	5.1	416
Sire, 338669; dam, 1138616.	Difference---	(9-14-13)	+91	+.1	+11
Herd Owner, Henry Schafroth, West Des Moines.					
HICKORY CROFT DESIGN 379204	6 daughters--	9	6,326	5.1	323
Born, 6-6-35; proved, 7-7-48;----; Ill.	5 daughters--	8	6,041	5.1	308
Sire, 347529; dam, 783954.	5 dams-------	12	6,179	5.2	320
Herd Owner, E. B. Reeves & Son, Morris.	Difference---	(2-2-2)	-138	-.1	-12
HOME ACRES SYBIL GAMBOGE 407187	7 daughters--	10	6,410	5.8	375
Born, 12-18-39; proved, 7-12-48;----; Vt.	5 daughters--	6	6,243	6.2	385
Sire, 360347; dam, 1156634.	5 dams-------	14	6,396	5.3	338
Herd Owner, Mabel T. Atwood, White River Junction.	Difference---	(3-5-3)	-153	+.9	+47
IMP. BEECH FARM WONDERFUL 382831	9 daughters--	10	7,002	4.9	340
Born, 3-22-31; proved, 7-16-48;----; Mich.	5 daughters--	6	6,685	4.7	312
Sire, 351912; dam, P.S. 39376 H.C.	5 dams-------	14	8,324	5.2	432
Herd Owner, L. J. Murray, Milford.	Difference---	(1-0-1)	-1,639	-.5	-120
IMP. KING COUNSEL 393096	20 daughters-	59	6,371	5.4	345
Born, 6-22-37; proved, 7-16-48; dead; N. Y.	16 daughters-	51	6,371	5.5	347
Sire, P.S. 7003 H.C; dam, P.S. 46144 H.C.	16 dams------	69	6,152	5.1	313
Herd Owner, Clarence H. Jennings, East Durham.	Difference---	(9-13-10)	+219	+.4	+34
IRENE'S GOLD STANDARD 400123	20 daughters-	35	6,891	5.3	367
Born, 1-14-39; proved, 7-2-48;----; N. Y.	6 daughters--	11	6,970	5.5	383
Sire, 357165; dam, 1175999.	6 dams-------	20	7,002	5.7	397
Herd Owner, Thomas R. Fife, Madrid.	Difference---	(2-3-3)	-32	-.2	-14

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
JANE'S SYBIL ALAN 427048----------	9 daughters--	15	5,536	5.7	313
Born, 9-1-41; proved, 7-14-48;----; Vt.	9 dams-------	42	5,570	5.3	296
Sire, 394470; dam, 1227821.	Difference---	(4-7-5)	-34	+.4	+17
Herd Owner, H. E. Luce, South Pomfret.					
JUILLETTE BOB GIRL'S SON 422483----------	9 daughters--	13	5,888	5.3	310
Born, 8-25-40; proved, 7-30-48;----; Vt.	7 daughters--	10	5,981	5.2	312
Sire, 387275; dam, 1031949.	7 dams-------	18	7,262	5.1	373
Herd Owner, Courtney Hafela, Chester.	Difference---	(1-5-0)	-1,281	+.1	-61
KING RALEIGH INTEREST LAD 436146----------	7 daughters--	7	7,403	5.0	368
Born, 11-21-41; proved, 7-9-48; dead; Pa.	7 dams-------	22	7,961	4.8	385
Sire, 379540; dam, 1089171.	Difference---	(2-5-3)	-558	+.2	-17
Herd Owner, W. C. McMillen, Marion Center.					
KING TUT MASTER 422335----------	7 daughters--	9	5,961	5.0	296
Born, 11-7-40; proved, 7-29-48;----; Ohio.	5 daughters--	6	5,307	5.0	263
Sire, 388590; dam, 1048570.	5 dams-------	9	6,979	4.9	340
Herd Owner, E. S. Lowmiller & Sons, Minerva.	Difference---	(1-3-1)	-1,672	+.1	-77
LASS GRANDSON 433088----------	8 daughters--	10	7,143	5.8	412
Born, 9-13-41; proved, 7-21-48;----; Vt.	6 daughters--	8	7,295	5.7	417
Sire, 340624; dam, 1229608.	6 dams-------	22	8,236	5.2	431
Herd Owner, John Larkin, Tunbridge.	Difference---	(1-5-2)	-941	+.5	-14
LILAC REMUS LANCER 424675----------	9 daughters--	11	8,471	5.4	458
Born, 7-14-41; proved, 7-13-48;----; Vt.	9 dams-------	26	7,745	5.5	423
Sire, 328497; dam, 1193406.	Difference---	(7-5-6)	+726	-.1	+35
Herd Owner, Whitehall Farm, Windsor.					
LILAC REMUS TROJAN 404629----------	13 daughters-	21	6,571	5.4	352
Born, 8-23-39; proved, 7-7-48; dead; N. J.	9 daughters--	16	6,775	5.4	363
Sire, 328497; dam, 942089.	9 dams-------	22	8,585	5.3	452
Herd Owner, Thomas E. Harvey Estate, Columbus.	Difference---	(1-6-1)	-1,810	+.1	-89
LINE-SOPHIE LINE-OWL JACOB 433646----------	6 daughters--	7	6,762	5.3	359
Born, 10-12-41; proved, 7-22-48;----; Pa.	6 dams-------	34	7,411	5.6	418
Sire, 357462; dam, 1012564.	Difference---	(1-1-1)	-649	-.3	-59
Herd Owner, S. F. Esterline, Greenburr.					
LODESTAR TRISTRAM PRINCE 409179----------	12 daughters-	15	5,998	5.0	302
Born, 5-1-39; proved, 7-9-48;----; Vt.	11 daughters-	14	6,076	5.0	306
Sire, 312724; dam, 1082561.	11 dams------	22	6,601	4.9	321
Herd Owner, Harvey J. Dodge, Barre.	Difference---	(3-7-4)	-525	+.1	-15
LUCILE BESS VOLUNTEER 359077----------	12 daughters-	18	6,816	5.4	368
Born, 10-23-33; proved, 7-21-48; dead; Colo.	8 daughters--	13	6,273	5.4	341
Sire, 229370; dam, 813221.	8 dams-------	10	7,218	5.0	364
Herd Owner, P. C. Lamb, Greeley.	Difference---	(3-7-3)	-945	+.4	-23
MAIDWELL OXFORDIA PRINCE 409936----------	7 daughters--	10	6,539	5.1	335
Born, 4-10-40; proved, 7-9-48; dead; Ohio.	5 daughters--	8	6,759	5.1	342
Sire, 392901; dam, 1216764.	5 dams-------	15	7,936	4.9	388
Herd Owner, Perl D. Elliott & Sons, New Concord.	Difference---	(1-3-1)	-1,177	+.2	-46
MAJOR NOBLE ST. MAWES 369242----------	6 daughters--	14	6,343	5.4	344
Born, 4-15-34; proved, 7-15-48; dead; Iowa.	6 dams-------	21	8,157	5.2	422
Sire, 261194; dam, 707404.	Difference---	(1-3-0)	-1,814	+.2	-78
Herd Owner, Harold J. Huebsch, Strawberry Point.					
MASTER OWL THREE PLY OWL 360933----------	8 daughters--	18	8,550	4.8	410
Born, 9-2-33; proved, 7-21-48;----; Va.	5 daughters--	11	9,196	4.8	437
Sire, 234782; dam, 919661.	5 dams-------	12	7,880	4.6	361
Herd Owner, Mrs. Myrtle E. Coleman Est., Paeonian Springs.	Difference---	(3-3-4)	+1,316	+.2	+76
MISS BRUCE'S SIGNAL 435759----------	7 daughters--	7	8,271	5.4	451
Born, 3-22-42; proved, 7-14-48;----; Vt.	7 dams-------	27	7,784	5.5	431
Sire, 346193; dam, 1133895.	Difference---	(5-4-4)	+487	-.1	+20
Herd Owner, Henry A. Stafford, Bethel.					
MONARCH OWL MASTERPIECE 426650----------	8 daughters--	10	7,583	5.0	376
Born, 3-14-41; proved, 7-14-48;----; Mich.	8 dams-------	20	6,840	5.2	353
Sire, 374926; dam, 1175449.	Difference---	(5-2-5)	+743	-.2	+23
Herd Owner, Walter K. Hough, Romeo.					
MONARCH SUPREME OWL 428496----------	6 daughters--	6	7,549	5.4	404
Born, 9-10-41; proved, 7-1-48;----; Vt.	6 dams-------	21	9,162	5.3	487
Sire, 374926; dam, 1175451.	Difference---	(0-3-0)	-1,613	+.1	-83
Herd Owner, Lexington Farms, Reading.					
MOROCCO'S MIGHTY RALEIGH 407323----------	10 daughters-	11	9,105	5.2	469
Born, 2-10-39; proved, 7-9-48;----; Ky.	10 dams------	48	8,339	5.4	449
Sire, 347841; dam, 1140395.	Difference---	(7-4-6)	+766	-.2	+20
Herd Owner, M. D. Harrison & Sons, Farmington.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
NOBLE LODESTAR PRINCE 409365----------	7 daughters--	10	4,973	4.8	240
Born, 5-24-39; proved, 7-12-48; dead; W. Va.	6 daughters--	9	4,848	4.8	235
Sire, 365959; dam, 1134787.	6 dams-------	18	5,895	5.0	297
Herd Owner, John B. Cullen, Letart.	Difference---	(1-2-1)	-1,047	-.2	-62
NOBLE VALLEY SULTAN 435366----------	11 daughters-	15	8,081	5.1	410
Born, 9-12-41; proved, 7-21-48;----; Mo.	9 daughters--	11	7,970	5.2	411
Sire, 377965; dam, 1272487.	9 dams-------	17	7,337	5.0	364
Herd Owner, L. E. Cass & Sons, Fordland.	Difference---	(6-7-6)	+633	+.2	+47
NURIEL'S DESIGNER 379010----------	11 daughters-	21	7,392	5.0	371
Born, 5-15-36; proved, 7-7-48;----; Calif.	6 daughters--	10	7,697	5.0	387
Sire, P.S. 7030 H.C; dam, 1116202.	6 dams-------	11	7,202	5.1	364
Herd Owner, Stanley F. Levin, Oakdale.	Difference---	(4-3-4)	+495	-.1	+23
OBSERVER COMMANDER 421947----------	6 daughters--	8	7,046	5.5	389
Born, 10-31-40; proved, 7-29-48;----; Kans.	6 dams-------	16	5,798	5.4	314
Sire, 402190; dam, 1232626.	Difference---	(4-4-5)	+1,248	+.1	+75
Herd Owner, Herman L. Bonine, Thayer.					
OBSERVER'S EARL OF OZ 404123----------	6 daughters--	9	6,343	5.4	344
Born, 9-9-39; proved, 7-6-48; dead; Kans.	5 daughters--	8	6,392	5.5	350
Sire, 285595; dam, 1177025.	5 dams-------	8	6,125	5.4	328
Herd Owner, Elmer L. Reep & Sons, Wichita.	Difference---	(3-4-3)	+267	+.1	+22
OLIVER COME SON DUKE 435741----------	8 daughters--	12	7,163	5.5	397
Born, 5-8-41; proved, 7-12-48;----; Wash.	6 daughters--	10	6,839	5.5	379
Sire, 394732; dam, 1233136.	6 dams-------	12	7,384	5.2	383
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(2-5-4)	-545	+.3	-4
ONWARD INFANT 404668----------	6 daughters--	8	7,462	5.5	412
Born, 1-27-39; proved, 7-8-48; dead; Wash.	6 dams-------	8	6,608	5.2	343
Sire, 327155; dam, 1064251.	Difference---	(4-5-4)	+854	+.3	+69
Herd Owner, Marion H. Omstead & Son, Ellensburg.					
PANSY ROSEBUD LADY REX OF H. C. 382711----------	9 daughters--	14	6,865	5.4	370
Born, 11-26-35; proved, 7-21-48;----; Wis.	8 daughters--	13	6,847	5.5	375
Sire, 380209; dam, 1079521.	8 dams-------	21	6,836	5.0	344
Herd Owner, Truman R. Potts, Waupaca.	Difference---	(4-7-5)	+11	+.5	+31
PARAGON 408983----------	5 daughters--	6	6,090	5.5	333
Born, 7-23-37; proved, 7-6-48;----; Ky.	5 dams-------	15	7,884	5.7	450
Sire, 381723; dam, 1189562.	Difference---	(0-2-1)	-1,794	-.2	-117
Herd Owner, Spindletop Farm, Lexington.					
PEDRO OF OAKWOOD 347744----------	13 daughters-	19	7,066	5.0	356
Born, 7-21-32; proved, 7-15-48;----; Mo.	10 daughters-	16	7,400	4.9	365
Sire, 241071; dam, 845068.	10 dams------	20	7,947	5.2	411
Herd Owner, Jack Greene, Springfield.	Difference---	(4-3-3)	-547	-.3	-46
PET OBSERVER CROWN 406128----------	7 daughters--	9	5,400	5.3	285
Born, 12-20-38; proved, 7-15-48;----; Mo.	6 daughters--	7	5,562	5.2	291
Sire, 379346; dam, 989750.	6 dams-------	20	6,417	5.1	328
Herd Owner, Trump & Harkness, Kahoka.	Difference---	(3-4-3)	-855	+.1	-37
PILOT OF LAWNFIELD 387702----------	8 daughters--	9	7,991	5.0	402
Born, 10-15-36; proved, 7-12-48;----; Vt.	8 dams-------	26	8,365	5.1	430
Sire, 297514; dam, 1070168.	Difference---	(4-4-3)	-374	-.1	-28
Herd Owner, R. Lloyd Chaffee, Enosburg Falls.					
PIONEER SYBIL SUCCESSOR 372909----------	6 daughters--	9	6,967	5.1	357
[illegible]. 1-24-35; proved, 7-29-48;----; Ohio.	5 daughters--	7	6,709	5.0	337
[illegible], 322633; dam, 758269.	5 dams-------	8	7,455	5.1	383
Herd Owner, Mrs. Georgia Mohorter, Mt. Healthy.	Difference---	(2-3-3)	-746	-.1	-46
POGIS RULER 399910----------	11 daughters-	19	6,672	5.2	348
Born, 11-14-30; proved, 7-12-48;----; Ill.	7 daughters--	11	6,813	5.1	345
Sire, 252349; dam, 700346.	7 dams-------	14	8,871	4.9	437
Herd Owner, Frank H. Reitzel, Sterling.	Difference---	(2-5-1)	-2,058	+.2	-92
POGIS TORMENTOR RANDALL 229984----------	9 daughters--	35	8,397	5.4	450
Born, 9-17-23; proved, 7-27-48;----; Pa.	5 daughters--	16	7,787	5.2	405
Sire, 198586; dam, 350680.	5 dams-------	20	7,373	5.3	391
Herd Owner, H. W. Mumau, Clymer.	Difference---	(3-4-3)	+414	-.1	+14
POLLED GOLDEN TRIUMPH 378627----------	7 daughters--	11	6,124	5.1	315
Born, 2-28-36; proved, 7-8-48;----; Mich.	5 daughters--	7	6,337	5.2	328
Sire, 359609; dam, 971385.	5 dams-------	24	9,058	5.1	462
Herd Owner, Walter K. Hough, Romeo.	Difference---	(0-3-1)	-2,721	+.1	-134
POLLY'S MISTY DAWN 428587----------	6 daughters--	6	6,909	5.4	376
Born, 9-5-41; proved, 7-14-48; alive; Ky.	6 dams-------	12	7,531	5.3	400
Sire, 382473; dam, 1189394.	Difference---	(1-3-2)	-622	+.1	-24
Herd Owner, Ed. F. Warren & Sons, Hickory.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
POPPY ROYAL RUBY SUCCESS 408994----------	8 daughters--	12	7,041	5.3	370
Born, 1-4-39; proved, 7-21-48;----; Ind.	6 daughters--	8	7,165	5.1	364
Sire, 363399; dam, 1135822.	6 dams-------	22	8,193	5.4	440
Herd Owner, Elmer Schmaltz, Royal Center.	Difference---	(0-2-0)	-1,028	-.3	-76
PREMIER NOBLE LADDIE 295088----------	8 daughters--	34	5,302	4.8	256
Born, 11-1-27; proved, 7-8-48;----; W. Va.	5 daughters--	21	5,219	4.9	254
Sire, 261456; dam, 719174.	5 dams-------	17	5,790	5.4	314
Herd Owner, A. C. Hamilton, Mannington.	Difference---	(2-2-1)	-571	-.5	-60
PRIDE BEST LODESTAR 424302----------	6 daughters--	6	6,722	5.2	349
Born, 11-3-40; proved, 7-12-48;----; Vt.	6 dams-------	33	8,914	4.6	412
Sire, 312724; dam, 1082556.	Difference---	(0-6-0)	-2,192	+.6	-63
Herd Owner, O. Leland Stanley, Richford.					
PRIMROSE'S NOBLE MAJESTY 239707----------	8 daughters--	28	7,028	5.6	395
Born, 1-25-24; proved, 7-26-48;----; Iowa.	6 daughters--	22	7,214	5.7	414
Sire, 219052; dam, 575279.	6 dams-------	11	7,532	5.5	415
Herd Owner, Veline & Putnam, Eldora.	Difference---	(3-4-2)	-318	+.2	-1
RALEIGH CROWN KING 358815----------	13 daughters--	24	7,298	5.6	407
Born, 1-19-34; proved, 7-21-48; dead; Nebr.	9 daughters--	16	7,168	5.5	393
Sire, 354220; dam, 983099.	9 dams-------	43	6,505	5.6	362
Herd Owner, Don Reckling, Beaver Crossing.	Difference---	(7-4-7)	+663	-.1	+31
RALEIGH PORTLAND 381370----------	5 daughters--	7	9,894	4.8	479
Born, 12-15-32; proved, 7-12-48;----; Iowa.	5 dams-------	20	9,889	5.0	498
Sire, 345349; dam, 952726.	Difference---	(2-1-2)	+5	-.2	-19
Herd Owner, Babbitt Brothers, Thurman.					
RHINESTONE BLONDE SULTAN 369552----------	10 daughters-	18	7,881	5.7	448
Born, 3-30-35; proved, 7-16-48;----; Wis.	6 daughters--	12	7,553	5.5	419
Sire, 344233; dam, 932466.	6 dams-------	11	9,279	5.1	474
Herd Owner, Rollin Gillingham, Hortonville.	Difference---	(0-5-1)	-1,726	+.4	-55
ROSEBUD'S BLONDE DESIGN 399453----------	8 daughters--	10	5,156	4.9	251
Born, 11-1-38; proved, 7-9-48;----; Md.	5 daughters--	7	5,039	4.9	248
Sire, 380062; dam, 1149321.	5 dams-------	9	6,959	6.0	421
Herd Owner, H. C. Smith, Rockville.	Difference---	(1-0-0)	-1,920	-1.1	-173
ROYAL LA SENTE NOBLE 434445----------	10 daughters-	12	5,256	5.3	276
Born, 12-23-39; proved, 7-21-48;----; Vt.	8 daughters--	9	4,989	5.3	263
Sire, 359847; dam, 1178370.	8 dams-------	23	7,880	4.8	376
Herd Owner, K. F. Peabody, St. Albans.	Difference---	(0-7-1)	-2,891	+.5	-113
ROYAL MARY'S DESIGN DOUBLE 406931----------	13 daughters-	18	8,660	5.3	461
Born, 1-16-39; proved, 7-19-48; alive; Mo.	8 daughters--	11	8,239	5.3	439
Sire, 354680; dam, 1118298.	8 dams-------	13	8,558	5.0	432
Herd Owner, P. R. Smith, Joplin.	Difference---	(4-6-4)	-319	+.3	+7
ST. MAWES HOLGER ROYAL 438054----------	6 daughters--	9	7,438	5.4	400
Born, 11-15-40; proved, 7-16-48; dead; Idaho.	5 daughters--	8	7,474	5.3	394
Sire, 341621; dam, 802859.	5 dams-------	9	6,751	5.1	344
Herd Owner, O. B. Hollingsworth, Emmett.	Difference---	(3-4-3)	+723	+.2	+50
SALLIETTA'S TORONO 392945----------	5 daughters--	7	6,615	5.3	351
Born, 7-28-37; proved, 7-29-48;----; Mich.	5 dams-------	9	8,646	5.0	430
Sire, 355571; dam, 1188794.	Difference---	(0-4-0)	-2,031	+.3	-79
Herd Owner, Duane Sanford, Allen.					
SCOTT JERSEY FARM GOLD 433136----------	5 daughters--	6	6,394	6.0	383
Born, 9-16-41; proved, 7-30-48;----; Iowa.	5 dams-------	20	7,308	5.5	399
Sire, 394558; dam, 1152514.	Difference---	(2-4-2)	-914	+.5	-16
Herd Owner, Russell Hawkins, Nashua.					
SENATOR GLORY OXFORD 424238----------	6 daughters--	8	5,023	5.4	269
Born, 10-6-40; proved, 7-12-48;----; Pa.	5 daughters--	7	5,143	5.3	274
Sire, 392486; dam, 858926.	5 dams-------	11	7,812	5.5	433
Herd Owner, Charles A. Koontz, Jr., Bedford.	Difference---	(1-2-0)	-2,669	-.2	-159
SHADILANE STABA REMUS 405731----------	7 daughters--	7	9,330	5.1	476
Born, 2-17-39; proved, 7-12-48;----; Idaho.	6 daughters--	6	9,006	5.1	459
Sire, 376047; dam, 1169814.	6 dams-------	10	8,303	5.1	420
Herd Owner, Harry W. McCauley, Buhl.	Difference---	(3-3-4)	+703	+.0	+39
SIBLEY VERMONTER 440350----------	7 daughters--	7	7,484	5.4	406
Born, 5-13-42; proved, 7-29-48;----; Vt.	7 dams-------	14	7,754	5.3	407
Sire, 391602; dam, 1087091.	Difference---	(2-4-4)	-270	+.1	-1
Herd Owner, Seaver D. Wright, White River Junction.					
SIMPLY SYBIL SUCCESSOR 399495----------	10 daughters-	18	6,988	5.6	390
Born, 10-26-38; proved, 7-29-48; dead; Ky.	7 daughters--	14	6,994	5.5	386
Sire, 375898; dam, 1151723.	7 dams-------	18	7,073	5.2	369
Herd Owner, Ed. F. Warren & Sons, Hickory.	Difference---	(4-6-3)	-79	+.3	+17

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SIR DANDY TROUPER 436264----------	9 daughters--	10	7,359	5.0	366
Born, 6-4-39; proved, 7-12-48; dead; Md.	8 daughters--	9	7,672	5.0	384
Sire, 344342; dam, 1116391.	8 dams-------	17	6,461	5.4	349
Herd Owner, Worsell Manor, Cecilton.	Difference---	(6-2-4)	+1,211	-.4	+35
SILIPLY-OWL SOPHIE P. CLAIR 426770----------	8 daughters--	9	8,499	5.3	450
Born, 5-24-41; proved, 7-1-48; alive; Va.	8 dams-------	16	9,489	5.4	515
Sire, 344307; dam, 1179426.	Difference---	(1-5-3)	-990	-.1	-65
Herd Owner, James McGee, Fredericksburg.					
SMILAX BEAU 378498----------	10 daughters-	16	5,741	5.1	294
Born, 6-10-36; proved, 7-8-48; dead; N. Y.	5 daughters--	10	5,526	5.1	281
Sire, 351802; dam, 786415.	5 dams-------	11	6,617	5.2	344
Herd Owner, John Luchsinger, Syracuse.	Difference---	(1-3-0)	-1,091	-.1	-63
SNOWDROP PIONEER O WALHALLA 421528----------	9 daughters--	9	6,937	5.5	384
Born, 2-6-41; proved, 7-30-48;----;Vt.	8 daughters--	8	6,886	5.5	381
Sire, 382959; dam, 1057394.	8 dams-------	10	6,516	5.7	370
Herd Owner, Guy E. Hood, Chelsea.	Difference---	(4-4-4)	+370	-.2	+11
SOPHIA'S DOUBLE WONDER 404477----------	6 daughters--	14	8,995	5.3	480
Born, 2-27-39; proved, 7-9-48; dead; Wash.	6 dams-------	22	8,423	5.4	451
Sire, 332716; dam, 1043679.	Difference---	(4-4-5)	+572	-.1	+29
Herd Owner, Frank Mallies, Sequim.					
SOPHIE'S PREMIER 15TH 250957----------	5 daughters--	19	6,990	5.3	367
Born, 10-15-25; proved, 7-26-48;----; Mich.	5 dams-------	22	7,250	4.6	333
Sire, 111613; dam, 367055.	Difference---	(2-5-4)	-260	+.7	+34
Herd Owner, Wm. Krause, Washington.					
STANDARD DANDY FAUVIC 416856----------	10 daughters-	12	8,071	5.2	423
Born, 5-2-39; proved, 7-7-48;----; Wash.	5 daughters--	6	8,366	5.2	438
Sire, 376838; dam, 1180714.	5 dams-------	7	8,677	5.4	470
Herd Owner, Wilmar Jersey Farm, Vancouver.	Difference---	(2-2-2)	-311	-.2	-32
STANDARD GOLD PRINCE 436776----------	7 daughters--	8	8,357	5.1	424
Born, 2-4-41; proved, 7-16-48; alive; Md.	6 daughters--	7	8,641	5.1	437
Sire, 54242 CJCC; dam, 89971 CJCC.	6 dams-------	22	6,505	4.7	307
Herd Owner, N. C. Stiles & Sons, Rockville.	Difference---	(6-5-6)	+2,136	+.4	+130
STANDARD OXFORD BARONET 419537----------	7 daughters--	8	6,423	5.6	359
Born, 12-23-40; proved, 7-7-48;----; Oreg.	7 dams-------	22	7,394	5.5	405
Sire, 376838; dam, 978975.	Difference---	(2-4-2)	-971	+.1	-46
Herd Owner, Roy E. & Sarah W. Davis, Philomath.					
STORRS RADIANT ACE 400957----------	18 daughters-	33	6,538	5.1	336
Born, 1-21-39; proved, 7-1-48;----; W. Va.	9 daughters--	16	5,949	5.1	306
Sire, 361372; dam, 1017955.	9 dams-------	26	5,905	5.3	315
Herd Owner, G. P. Freeland, Mannington.	Difference---	(6-4-4)	+44	-.2	-9
SUCCESSOR SIR ECHO 406456----------	10 daughters-	19	7,194	5.0	358
Born, 1-2-39; proved, 7-13-48;----; Ind.	10 dams------	47	7,330	5.0	369
Sire, 371214; dam, 828186.	Difference---	(5-6-7)	-136	.0	-11
Herd Owner, Christ John Korte, Decatur.					
SYBIL BARONET OWL 381020----------	22 daughters-	39	8,099	5.1	412
Born, 10-30-36; proved, 7-7-48;----; Wis.	17 daughters-	31	7,953	5.2	412
Sire, 305849; dam, 911433.	17 dams------	32	7,616	5.0	380
Herd Owner, John Reedal, Phillips.	Difference---	(11-12-12)	+337	+.2	+32
SYBIL'S IXIA GIPSY 346781----------	7 daughters--	8	7,486	5.4	404
Born, 4-25-32; proved, 7-16-48;----; Vt.	6 daughters--	18	7,467	5.5	413
Sire, 292506; dam, 899062.	6 dams-------	13	6,954	5.2	362
Herd Owner, Verne P. Fogg, South Royalton.	Difference---	(4-5-4)	+513	+.3	+51
TESS VIOLET FAIR OBSERVER 437857----------	8 daughters--	9	7,944	5.3	418
Born, 1-15-42; proved, 7-30-48;----; Ill.	6 daughters--	7	7,955	5.1	404
Sire, 378562; dam, 1158954.	6 dams-------	12	8,168	5.3	433
Herd Owner, Steffen Brothers, Cambridge.	Difference---	(3-3-3)	-213	-.2	-29
THE KID'S PAYMASTER 436293----------	11 daughters-	14	9,265	5.1	469
Born, 4-13-41; proved, 7-13-48; dead; Ohio.	9 daughters--	11	9,011	5.0	455
Sire, 384605; dam, 1210248.	9 dams-------	28	8,731	5.0	433
Herd Owner, W. D.Kahler, Westerville.	Difference---	(7-5-6)	+280	.0	+22
THOMAS' VALIANT AIM JR. 405288----------	9 daughters--	12	7,651	4.9	375
Born, 7-31-39; proved, 7-12-48;----; Mich.	7 daughters--	10	7,312	4.9	359
Sire, P.S. 7133 H. C.; dam, 1223867.	7 dams-------	18	7,909	5.3	417
Herd Owner, Emmett H. Davis, Rockford.	Difference---	(4-1-2)	-597	-.4	-58
TRINITY SUCCESSOR VICTOR 391933----------	5 daughters--	8	8,294	5.4	446
Born, 6-3-38; proved, 7-26-48;----; Pa.	5 dams-------	11	8,682	5.1	446
Sire, 376425; dam, 1051537.	Difference---	(2-4-3)	-388	+.3	0
Herd Owner, C. D. Squires, Bentleyville.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TRIXIE'S SYBIL GAMBOGE 360347 *8----------	9 daughters--	21	7,135	5.4	385
Born, 8-31-33; proved, 7-8-48;----; Vt.	8 daughters--	20	6,972	5.4	378
Sire, 292506; dam, 974503.	8 dams-------	26	6,769	5.5	372
Herd Owner, Robert Bishop, Windsor.	Difference---	(4-6-4)	+203	-.1	+6
UPWEY SYBIL BARON 426251----------	6 daughters--	8	7,196	5.2	375
Born, 3-1-41; proved, 7-1-48;----: Vt.	6 dams-------	22	7,561	5.1	389
Sire, 367105; dam, 1198406.	Difference---	(2-4-2)	-365	+.1	-14
Herd Owner, Hill Top Farm, Chester.					
VICTOR CHIVALRY 439374----------	5 daughters--	5	5,347	5.3	282
Born, 6-10-42; proved, 7-21-48;----; Vt.	5 dams-------	26	7,230	5.3	382
Sire, 377872; dam, 1176215.	Difference---	(0-3-0)	-1,883	.0	-100
Herd Owner, Collins Jersey Farm, Hinesburg.					
VOLUNTEER SWITCH'S DESIGN 404780----------	10 daughters-	17	7,375	5.4	401
Born, 10-3-39; proved, 7-16-48;----; Mich.	10 dams------	23	8,026	5.0	398
Sire, 342991; dam, 1073515.	Difference---	(3-8-5)	-651	+.4	+3
Herd Owner, Mrs. Myrtle E. Hess, Pontiac.					
WAIKIKI GALINTHIA SULTAN 406676----------	14 daughters-	23	7,905	5.0	393
Born, 12-6-38; proved, 7-12-48;----; Wash.	9 daughters--	14	7,842	5.0	395
Sire, 92052 CJCC; dam, 74241 CJCC.	9 dams-------	18	7,772	5.2	404
Herd Owner, A. H. Poston & Sons, Spokane.	Difference---	(4-3-4)	+70	-.2	-9
WESTERN DESIGNER 425154----------	15 daughters-	27	7,834	5.3	418
Born, 10-27-40; proved, 7-14-48; alive; Calif.	13 daughters-	22	7,722	5.4	416
Sire, 322553; dam, 1265035.	13 dams------	53	7,349	5.5	403
Herd Owner, Stanley F. Levin, Oakdale.	Difference---	(8-6-8)	+373	-.1	+13
WHITEHOLM BENEFACTOR 428174----------	7 daughters--	7	6,778	4.8	327
Born, 7-22-41; proved, 7-16-48;----; Maine.	6 daughters--	6	6,941	4.8	335
Sire, 407252; dam, 1093022.	6 dams-------	17	6,854	5.2	354
Herd Owner, Harold S. White & Son, Auburn.	Difference---	(4-1-2)	+87	-.4	-19
WONDERFUL IDAHO 379390----------	7 daughters--	10	7,999	5.4	435
Born, 11-18-36; proved, 7-7-48; dead; Idaho.	7 dams-------	13	6,836	5.2	358
Sire, 367164; dam, 1048976.	Difference---	(5-5-6)	+1,163	+.2	+77
Herd Owner, R. P. Hyde, Rupert.					
WONDERFUL PRINCE REGENT 405293----------	9 daughters--	10	10,096	5.0	502
Born, 8-7-39; proved, 7-15-48; alive; Ind.	5 daughters--	5	9,969	5.0	498
Sire, 367164; dam, 1110396.	5 dams-------	10	8,272	5.5	455
Herd Owner, Graham Farms, Washington.	Difference---	(3-2-2)	+1,697	-.5	+43
WYNOOCHE STANDARD 409583----------	10 daughters-	12	6,627	5.6	369
Born, 9-17-39; proved, 7-7-48; dead; Wash.	5 daughters--	6	6,450	5.8	371
Sire, 46728 CJCC; dam, 1216892.	5 dams-------	13	6,928	5.4	378
Herd Owner, Parker Askew & Son, Montesano.	Difference---	(2-5-3)	-478	+.4	-7
XENIA DAIRYLIKE LAD 404864----------	9 daughters--	14	6,414	5.8	372
Born, 10-26-38; proved, 7-1-48;----; Ind.	9 dams-------	29	7,789	5.8	450
Sire, 331841; dam, 946800.	Difference---	(1-7-1)	-1,375	.0	-78
Herd Owner, Leander White, Trafalgar.					
13*142738 (BANGS OR TB EARTAG)----------	5 daughters--	7	6,528	4.6	301
Born,----; proved, 7-27-48;----; Vt.	5 dams-------	13	6,348	5.0	318
Sire,----; dam,----.	Difference---	(4-0-1)	+180	-.4	-17
Herd Owner, Walter Magoon, Richford.					
35*EX74412 (BANGS OR TB EARTAG)----------	5 daughters--	7	7,267	5.1	370
Born,----; proved, 7-12-48;----; Wis.	5 dams-------	15	7,445	5.3	394
Sire,----; dam,----.	Difference---	(2-0-2)	-178	-.2	-24
Herd Owner, Mason Brothers, Viroqua.					
43-A1872 (DHIA EARTAG)----------	10 daughters-	37	8,283	5.2	432
Born,----; proved, 7-22-48;----; Mo.	6 daughters--	28	8,521	5.2	446
Sire,----; dam,----.	6 dams-------	8	6,447	5.3	340
Herd Owner, William L. McAllister, Shelbina.	Difference---	(6-3-6)	+2,074	-.1	+106
43*B477438 (BANGS OR TB EARTAG)----------	6 daughters--	13	5,598	5.3	297
Born,----; proved, 7-15-48;----; Mo.	5 daughters--	11	5,667	5.3	302
Sire,----; dam, ----.	5 dams-------	15	7,069	4.7	336
Herd Owner, Louis Schroeder & Sons, Villa Ridge.	Difference---	(2-5-2)	-1,402	+.6	-34
46-3560 (DHIA EARTAG)----------	10 daughters-	10	7,563	5.3	403
Born----; proved, 7-6-48; dead; S. Dak.	7 daughters--	7	7,555	5.4	409
Sire,----; dam,----.	5 dams-------	11	6,872	5.1	352
Herd Owner, James & Gene Varnum, Centerville.	Difference---	(5-4-6)	+683	+.3	+57
61*R1630 (BANGS OR TB EARTAG)----------	7 daughters--	7	5,146	4.9	250
Born,-----; proved, 7-6-48; dead; Ky.	5 daughters--	5	5,216	4.9	255
Sire,----; dam,----.	5 dams-------	10	5,463	4.9	268
Herd Owner, Money Brothers, Fisherville.	Difference---	(3-3-3)	-247	.0	-13

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
92-A2398 (DHIA EARTAG)----------	27 daughters-	49	7,922	5.6	444
Born, ----; proved, 7-30-48;----; Oreg.	5 daughters--	11	8,351	5.7	473
Sire, ----; dam, ----.	5 dams-------	14	8,905	5.2	461
Herd Owner, W. Ed. Porterfield, Ada.	Difference---	(3-4-3)	-554	+.5	+12

RED DANE SIRES

51*D524 (EARTAG)----------	11 daughters-	18	7,804	3.9	308
Born----; proved, 7-27-48;----; Mich.	7 daughters--	11	9,011	4.0	362
Sire,----; dam,----.	7 dams-------	22	8,304	3.8	316
Herd Owner, George Heussner & Son, Marlette.	Difference---	(4-5-4)	+707	+.2	+46
51*D545 (EARTAG) *12----------	26 daughters-	40	8,095	4.4	355
Born-----; proved, 7-27-48;----; Mich.	18 daughters-	29	8,332	4.4	364
Sire,----; dam,----.	18 dams------	43	6,968	4.6	323
Herd Owner, Clifford Shantz, Fairview.	Difference---	(14-7-13)	+1,364	-.2	+41
51*D559 (EARTAG)----------	13 daughters-	15	8,767	4.3	378
Born,----; proved, 7-28-48;----; Mich.	9 daughters--	10	9,095	4.3	393
Sire,----; dam,----;	9 dams-------	17	7,984	4.8	384
Herd Owner, Harvey Handrich, Mio.	Difference---	(7-2-6)	+1,111	-.5	+9

SHORTHORN SIRES

BROOKLYN COMMANDER 2114255----------	6 daughters--	8	8,336	4.2	351
Born, 11-15-41; proved, 7-16-48; dead; Iowa.	5 daughters--	6	8,312	4.1	345
Sire, 1998979; dam, 1928595.	5 dams-------	10	8,091	3.8	304
Herd Owner, August Bachle & Sons, Maynard.	Difference---	(3-4-3)	+221	+.3	+41
CHEAPSIDE MELODY'S SENSATION 2112622----------	9 daughters--	9	8,952	3.8	343
Born, 2-26-40; proved, 7-28-48;----; Iowa.	8 daughters--	8	9,237	3.8	355
Sire, 235180 CHB; dam, 286238 CHB.	8 dams-------	27	6,723	3.8	253
Herd Owner, Young & Niichel, Jesup.	Difference---	(7-6-7)	+2,514	.0	+102
NORTHLYND MELOPAN 2071513----------	7 daughters--	11	7,333	3.7	270
Born, 11-25-40; proved, 7-29-48; alive; Wis.	6 daughters--	9	7,221	3.7	266
Sire, 214934 CHB.; dam, 228206 CHB.	6 dams-------	24	7,988	3.9	313
Herd Owner, Lee R. Wells, Sparta.	Difference---	(2-2-1)	-767	-.2	-47

AMERICAN DAIRY CATTLE CLUB SIRES

CLOVE VALLEY SUPREME SATISFACTION 342
(This sire is also a registered Holstein "Clove Valley Supreme Satisfaction 864818". Proved Sire data included in Holstein listing.)

CORNELL COLUMBUS WINDSOR 1066
(This sire is also a registered Brown Swiss "Cornell Columbus Windsor 50092." Proved Sire data included in Brown Swiss listing.)

ELMWOOD FARMS ROYAL MASTER 334
(This sire is also a registered Guernsey "Elmwood Farms Royal Master 319654". Proved Sire data included in Guernsey listing.)

F. D. GAME TORMENTOR 1080
(This sire is also a registered Jersey "F. D. Game Tormentor 440997." Proved Sire data included in Jersey listing.)

GENODALE ORMSBY NIG SUCCESSOR 902
(This sire is also a registered Holstein "Genodale Ormsby Nig Successor 773861." Proved Sire data included in Holstein listing.)

HAYFIELD'S LEADER 399
(This sire is also a registered Guernsey "Hayfield's Leader 201391." Proved Sire data included in Guernsey listing.)

LYNWOOD KING MERCEDES DE KOL 458
(This sire is also a registered Holstein "Lynwood King Mercedes De Kol 713725." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 24, No. 9

September 1948

HIGH-PRODUCING COWS PRODUCE BUTTERFAT AT LOW FEED COST PER POUND

High-producing cows produce more milk and butterfat per pound of feed consumed than do low-producing cows.

More product per pound of feed consumed means lower costs and greater returns above feed costs.

Dairymen in dairy-herd-improvement associations know these facts from the month-to-month and year-to-year records on their herds, but the yearly summary of DHIA records reveals to all dairymen the efficiency and profitableness of high-producing cows as compared with low-producing cows.

A compilation of data selected at random from dairy-herd-improvement-association records for 1947 shows how rapidly income over feed cost rises and how feed cost per pound of butterfat produced drops as the production level increases.

Level of butterfat production	Value of product	Feed cost	Income over feed cost	Feed cost per pound of butterfat produced
Pounds	Dollars	Dollars	Dollars	Dollars
100	137	108	29	0.99
200 1/	232	121	111	.59
300	334	141	193	.47
348 2/	387	150	237	.43
400	441	162	279	.41
500	551	184	367	.37
600	652	208	444	.35

1/ The average production of butterfat per cow per year of all cows milked in the United States in 1947 was 199 pounds.
2/ Average production of butterfat per cow per year of all cows in DHIA herds.

The table shows that DHIA cows that produced at the rate of 200 pounds of butterfat per cow per year (which is approximately the average production of all cows in the United States) produced butterfat at a feed cost of 59 cents per pound, whereas cows that produced at the rate of 348 pounds of butterfat per cow per year (which is the average production of all cows in DHIA herds) produced butterfat at a feed cost of 43 cents per pound. High-producing, efficient cows keep production costs at a minimum and returns above feed cost at a maximum for their owners.

The producing efficiency of any herd can be improved by the same basic methods that DHIA members have used to improve their herds -- i.e., the adoption of sound culling, feeding, and breeding practices in herd management.

On the following pages are summaries and compilations based on the records of 35,439 cows that completed a full 12-month testing period in 1947, selected at random from all individual cow-records reported, and on herd data from 16,809 herds.

Table 1.- Relation of butterfat production to other factors 1/

Butterfat production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
25-74	2	1,610	4.6	74	75	4.66	36	16	52	23
75-124	86	2,988	3.6	109	137	4.59	54	54	108	29
125-174	698	3,952	3.9	156	176	4.45	55	57	112	64
175-224	2,337	5,067	4.0	204	232	4.58	57	64	121	111
225-274	4,901	6,288	4.0	252	283	4.50	58	72	130	153
275-324	7,292	7,477	4.0	300	334	4.47	61	80	141	193
325-374	7,757	8,630	4.0	349	387	4.48	63	87	150	237
375-424	5,930	9,710	4.1	398	441	4.54	66	96	162	279
425-474	3,592	10,867	4.1	447	494	4.55	67	105	172	322
475-524	1,695	12,024	4.1	497	551	4.58	70	114	184	367
525-574	726	13,121	4.2	545	608	4.63	74	120	194	414
575-624	289	13,933	4.3	595	652	4.68	80	128	208	444
625-674	78	15,227	4.2	642	695	4.56	88	145	233	462
675-724	29	16,462	4.2	696	764	4.64	107	177	284	480
725-774	17	17,864	4.2	747	812	4.55	82	185	267	545
775-824	9	18,396	4.4	803	866	4.71	78	205	283	583
825-874	-----	-----	---	---	---	----	---	---	---	---
875-924	-----	-----	---	---	---	----	---	---	---	---
925-974	1	26,070	3.6	941	925	3.55	80	255	335	590
Total or average	35,439	8,461	4.1	344	383	4.53	63	87	150	233

1/ Based on the records of 35,439 DHIA cows, selected at random, that completed a full 12-month testing period in 1947. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 2.- Relation of milk production to other factors 1/

Milk production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1,500-2,499-----	26	2,054	5.0	103	109	5.31	41	46	87	22
2,500-3,499-----	325	3,209	4.8	155	165	5.14	53	57	110	55
3,500-4,499-----	1,276	4,064	4.8	196	208	5.12	53	61	114	94
4,500-5,499-----	2,592	5,048	4.8	240	255	5.05	55	67	122	133
5,500-6,499-----	4,368	6,022	4.6	279	298	4.95	57	73	130	168
6,500-7,499-----	5,544	7,010	4.5	314	337	4.81	59	79	138	199
7,500-8,499-----	5,370	7,992	4.3	343	376	4.70	62	85	147	229
8,500-9,499-----	4,732	8,977	4.1	364	403	4.49	64	90	154	249
9,500-10,499----	3,675	9,973	3.8	381	434	4.35	67	95	162	272
10,500-11,499---	2,750	10,973	3.7	404	465	4.24	70	101	171	294
11,500-12,499---	1,982	11,969	3.6	430	495	4.14	71	107	178	317
12,500-13,499---	1,243	12,963	3.6	462	535	4.13	72	114	186	349
13,500-14,499---	773	13,957	3.5	487	574	4.11	73	122	195	379
14,500-15,499---	384	14,962	3.5	520	610	4.08	79	125	204	406
15,500-16,499---	212	15,904	3.5	555	650	4.09	83	132	215	435
16,500-17,499---	97	16,909	3.4	571	681	4.03	81	140	221	460
17,500-18,499---	46	17,886	3.4	615	716	4.00	88	142	230	486
18,500-19,499---	13	18,966	3.4	652	792	4.18	78	164	242	550
19,500-20,499---	14	19,970	3.4	678	807	4.04	121	159	280	527
20,500-21,499---	12	20,743	3.5	716	814	3.92	72	207	279	535
21,500-22,499---	2	22,000	3.3	722	912	4.15	108	184	292	620
22,500-23,499---	1	22,764	3.6	817	830	3.65	39	144	183	647
23,500-24-499---	-----	-----	---	---	---	----	---	---	---	---
24,500-25,499---	1	24,746	3.3	824	1,052	4.25	52	239	291	761
25,500-26,499---	1	26,070	3.6	941	925	3.55	80	255	335	590
Total or average------	35,439	8,461	4.1	344	383	4.53	63	87	150	233

1/ Based on the records of 35,439 DHIA cows, selected at random, that completed a full 12-month testing period in 1947. The milk records are grouped so the group centers are 1,000 pounds apart.

Table 3.- Relation of butterfat production per cow to other factors 1/

Butterfat production (range)	Cow-years	Herds	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
			Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
25-74-------	26.33	1	1,237	5.7	70	52	4.20	18	25	43	9
75-124------	18.50	3	2,858	4.1	117	128	4.48	30	32	62	66
125-174-----	22.12	46	3,950	3.9	156	154	3.90	42	42	84	70
175-224-----	23.33	432	5,187	4.0	206	219	4.22	52	53	105	114
225-274-----	23.68	1,848	6,387	4.0	255	275	4.31	56	65	121	154
275-324-----	23.30	4,494	7,532	4.0	302	330	4.38	60	75	135	195
325-374-----	23.18	5,260	8,675	4.0	349	383	4.41	65	86	151	232
375-424-----	22.61	3,230	9,744	4.1	396	433	4.44	69	95	164	269
425-474-----	20.77	1,160	10,965	4.1	444	485	4.42	72	106	178	307
475-524-----	19.74	260	11,999	4.1	493	541	4.51	79	119	198	343
525-574-----	18.82	58	12,124	4.5	545	590	4.87	88	125	213	377
575-624-----	25.26	16	14,942	4.0	593	637	4.26	103	158	261	376
625-674-----	-----	-----	-----	---	---	---	----	---	---	---	---
675-724-----	25.92	1	9,634	7.1	684	412	4.28	82	101	183	229
Total or average---	22.93	16,809	8,447	4.0	340	372	4.40	64	83	147	225

1/ Based on unweighted herd averages. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 4.- Relation of cost of grain to other factors 1/

Cost of grain (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Dollars	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
No grain fed-----	1	10,012	3.8	383	380	3.80	31	-	31	349
1-7----------	14	5,722	3.7	214	233	4.07	44	5	49	184
8-12----------	27	6,041	4.1	249	220	3.64	38	10	48	172
13-17----------	79	6,193	3.9	241	238	3.84	49	15	64	174
18-22----------	108	6,208	3.9	243	239	3.85	49	20	69	170
23-27----------	208	6,227	4.0	252	239	3.84	49	25	74	165
28-32----------	354	6,551	4.1	268	258	3.94	47	30	77	181
33-37----------	506	6,468	4.1	268	265	4.10	50	35	85	180
38-42----------	779	6,633	4.2	276	274	4.13	51	40	91	183
43-47----------	1,026	6,722	4.2	283	285	4.24	53	45	98	187
48-52----------	1,341	7,019	4.2	292	298	4.25	56	50	106	192
53-57----------	1,630	7,261	4.2	302	309	4.26	58	55	113	196
58-62----------	1,969	7,520	4.1	311	325	4.32	59	60	119	206
63-67----------	2,269	7,667	4.1	317	331	4.32	59	65	124	207
68-72----------	2,323	7,787	4.1	322	340	4.37	60	70	130	210
73-77----------	2,217	8,007	4.1	329	353	4.41	62	75	137	216
78-82----------	2,278	8,111	4.1	336	366	4.51	62	80	142	224
83-87----------	2,308	8,363	4.1	342	377	4.51	64	85	149	228
88-92----------	2,217	8,413	4.1	348	387	4.60	64	90	154	233
93-97----------	1,913	8,700	4.1	356	400	4.60	65	95	160	240
98-102----------	1,775	8,815	4.1	361	409	4.64	65	100	165	244
103-107----------	1,617	9,088	4.1	371	424	4.67	68	105	173	251
108-112----------	1,407	9,278	4.0	373	432	4.66	68	110	178	254
113-117----------	1,265	9,524	4.0	382	449	4.71	69	115	184	265
118-122----------	1,063	9,676	4.0	387	455	4.70	69	120	189	266
123-127----------	834	9,709	4.0	389	463	4.77	69	125	194	269
128-132----------	740	9,940	4.0	394	476	4.79	69	130	199	277
133-137----------	626	10,346	3.9	401	495	4.78	70	135	205	290
138-142----------	475	10,693	3.9	417	514	4.81	71	140	211	303
143-147----------	410	10,957	3.8	422	524	4.78	72	145	217	307
148-152----------	285	11,001	3.8	423	529	4.81	70	150	220	309
153-157----------	299	11,375	3.8	434	547	4.81	75	155	230	317
158-162----------	213	11,366	3.9	439	548	4.82	72	160	232	316
Over 162---------	863	12,678	3.7	469	602	4.75	82	185	267	335
Total or Average-------	35,439	8,461	4.1	344	383	4.53	63	87	150	233

1/ Based on the records of 35,439 DHIA cows, selected at random, that completed a full 12-month testing period in 1947. The cost of grain records are grouped so the group centers are $5 apart.

DHIA PROVED-SIRE RECORDS TABULATED IN AUGUST 1948

Following is a list of 811 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in August 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST HAPPY THOUGHT 56041----------	5 daughters--	15	9,295	4.0	373
Born, 2-20-37; proved, 8-2-48;----; Wis.	5 dams-------	14	9,039	3.9	354
Sire, 41952; dam, 182314.	Difference---	(3-3-3)	+256	+.1	+19
Herd Owner, John A. Dalton & Son, Oconomowoc.					
ALTA CREST LONELY ROAD 63770----------	13 daughters-	15	8,036	3.9	317
Born, 1-10-40; proved, 8-16-48;----; Mass.	13 dams------	49	9,619	3.9	374
Sire, 54577; dam, 122786.	Difference---	(2-6-3)	-1,583	.0	-57
Herd Owner, Westfield State Sanatorium, Westfield.					
AYRLAND CHIEF LUSTRE 67921----------	9 daughters--	9	7,911	4.1	325
Born, 9-17-40; proved, 8-9-48; alive; N. Y.	7 daughters--	7	8,272	4.0	331
Sire, 59309; dam, 138635.	7 dams-------	12	7,545	4.0	299
Herd Owner, Richard Winch, Arcade.	Difference---	(4-5-4)	+727	.0	+32
BENAYR SUNLIGHT 61963----------	11 daughters-	12	7,065	4.3	305
Born, 8-5-38; proved, 8-2-48; dead; Mass.	9 daughters--	10	7,037	4.3	304
Sire, 52394; dam, 118625.	9 dams-------	37	6,932	4.3	295
Herd Owner, Broad Place Ayrshire Farm, North Amherst.	Difference---	(3-7-4)	+105	.0	+9
BURNSIDE BARR MAGNET, IMP. 64430----------	7 daughters--	9	7,012	3.9	274
Born, 11-1-38; proved, 8-23-48;----; Pa.	5 daughters--	7	7,028	3.8	269
Sire, 51391; dam, 231336.	5 dams-------	8	5,345	4.1	219
Herd Owner, W. J. Strawbridge, Titusville.	Difference---	(4-1-4)	+1,683	-.3	+50
CACAPON AFTERGLOW 63405----------	7 daughters--	10	10,124	4.0	408
Born, 1-28-40; proved, 8-16-48; dead; N. H.	6 daughters--	9	10,327	4.0	412
Sire, 58118; dam, 171082.	6 dams-------	32	10,309	3.9	406
Herd Owner, University of New Hampshire, Durham.	Difference---	(2-4-3)	+18	+.1	+6
CACAPON CONCENTRATE 63406----------	7 daughters--	12	7,987	4.2	337
Born, 2-1-40; proved, 8-11-48;----; W. Va.	6 daughters--	10	8,057	4.2	342
Sire, 58118; dam, 183189.	6 dams-------	26	8,439	4.2	351
Used in Vermont Co-op. A. B. A., Vt.	Difference---	(1-4-2)	-382	.0	-9
CASTLE BRAE LIZ'S IDEAL 67125----------	6 daughters--	7	8,000	3.7	299
Born, 3-6-41; proved, 8-5-48;----; Conn.	5 daughters--	5	7,390	3.6	268
Sire, 51656; dam, 170239.	5 dams-------	9	7,559	3.7	281
Herd Owner, Good Hill Farm, Roxbury.	Difference---	(2-3-2)	-169	-.1	-13
COLD STREAM WAR EAGLE 61665----------	14 daughters-	20	7,294	4.2	309
Born, 10-25-38; proved, 8-11-48; dead; N. Y.	11 daughters-	16	7,515	4.3	320
Sire, 42423; dam, 133164.	11 dams------	26	9,283	4.0	373
Herd Owner, Bronner Farm Co., Inc., Little Falls.	Difference---	(1-9-3)	-1,768	+.3	-53
COLLEGE BARR IMPERIAL 75143----------	12 daughters-	14	9,425	4.0	379
Born, 2-4-41; proved, 8-5-48; dead; Ill.	6 daughters--	7	8,984	4.0	363
Sire, 71466; dam, 190865 CHB.	6 dams-------	10	9,149	3.9	357
Herd Owner, Glen Urquhart Farms, Barrington.	Difference---	(4-5-4)	-165	+.1	+6
DELCHESTER LINCENT 64665----------	13 daughters-	20	10,683	4.1	440
Born, 4-25-40; proved, 8-30-48;----; Pa.	9 daughters--	13	10,766	4.2	455
Sire, 47477; dam, 125644.	9 dams-------	24	9,360	3.9	367
Herd Owner, Delchester Farms, Edgemont.	Difference---	(6-8-6)	+1,406	+.3	+88
DESERT CREST'S PEER'S LASSY BOY 63063----------	18 daughters-	26	8,596	4.1	351
Born, 12-4-39; proved, 8-25-48; dead; Colo.	17 daughters-	24	8,752	4.1	358
Sire, 43826; dam, 144424.	17 dams------	54	8,068	4.1	327
Herd Owner, John Knifton & Son, Sterling.	Difference---	(11-8-12)	+684	.0	+31
FAIRLEA TROOPER 63567----------	6 daughters--	10	9,771	4.1	404
Born, 1-31-40; proved, 8-11-48;----; N. Y.	5 daughters--	9	10,189	4.1	418
Sire, 48082; dam, 183608.	5 dams-------	13	9,189	4.0	365
Herd Owner, Sunny Spring Farm, Copake.	Difference---	(3-4-4)	+1,000	+.1	+53
FILLMORE IRON DUKE 58052----------	9 daughters--	13	8,873	4.0	353
Born, 12-5-37; proved, 8-3-48; dead; Kans.	5 daughters--	5	9,574	3.9	376
Sire, 47630; dam, 107562.	5 dams-------	23	8,410	4.1	345
Herd Owner, Chester L. Hendershot & Sons, Hutchinson.	Difference---	(3-2-3)	+1,164	-.2	+31

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TOLL GATE SIR ROBERT 72686	16 daughters-	17	11,416	4.1	470
Born, 9-2-41; proved, 8-11-48;----; Conn.	16 dams------	57	10,535	4.0	421
Sire, 46463; dam, 112025.	Difference---	(10-13-12)	+881	+.1	+49
Herd Owner, Preston J. Davenport, Litchfield.					
TRIPLE SHIRE AMERICAN FLAG 68033	8 daughters--	12	7,425	4.0	294
Born, 9-1-40; proved, 8-6-48; alive; W. Va.	8 dams-------	31	6,398	3.9	252
Sire, 35139; dam, 207162.	Difference---	(5-5-6)	+1,027	+.1	+42
Herd Owner, Ralph & J. Garrett Hunter, West Alexander, Pa.					
WHITPAIN CHIEFMAN 63335	8 daughters--	12	9,835	3.9	388
Born, 1-5-40; proved, 8-16-48;----; Md.	6 daughters--	7	10,593	3.9	417
Sire, 43060; dam, 130636.	6 dams-------	19	8,614	4.1	352
Herd Owner, Hedrick Brothers, Parkton	Difference---	(6-3-4)	+1,979	-.2	+65
WHITPAIN SUNBARR 64316	11 daughters-	15	9,255	3.9	362
Born, 5-18-40; proved, 8-30-48; alive; Pa.	11 dams------	25	7,799	3.9	302
Sire, 44209; dam, 154029.	Difference---	(8-7-8)	+1,456	.0	+60
Herd Owner, Normandy Farm, Norristown.					
WOODLAWN FARMS DOUGLAS 62644	10 daughters-	15	8,103	4.2	337
Born, 8-9-39; proved, 8-18-48;----; N. Y.	8 daughters--	11	8,198	4.2	343
Sire, 41921; dam, 188231.	8 dams-------	20	10,588	4.1	431
Herd Owner, Shiremont Farm, New Berlin.	Difference---	(0-6-0)	-2,390	+.1	-88

BROWN SWISS SIRES

AMBO 34062	19 daughters-	37	9,907	3.7	363
Born, 2-4-35; proved, 8-6-48;----; Wis.	6 daughters--	7	8,875	3.6	322
Sire, 23576; dam, 43961.	6 dams-------	8	10,141	3.7	378
Herd Owner, Kenneth Heller, Cecil.	Difference---	(1-2-1)	-1,266	-.1	-56
ANDY JR. 43733	5 daughters--	11	9,901	3.9	391
Born, 8-26-38; proved, 8-11-48;----; Ohio.	5 dams-------	13	10,953	3.7	403
Sire, 27082; dam, 58791.	Difference---	(2-4-2)	-1,052	+.2	-12
Herd Owner, W. L. Welsh & Sons, Richwood.					
BARON FERDINAND 42834	6 daughters--	8	10,057	3.8	379
Born, 3-1-39; proved, 8-5-48;----; Iowa.	5 daughters--	7	9,394	3.6	336
Sire, 37948; dam, 46213.	5 dams-------	9	7,485	3.7	275
Herd Owner, Glenn Baughman, Sac City.	Difference---	(5-2-3)	+1,909	-.1	+61
BILLY TRUMAN 52829	7 daughters--	7	8,727	4.0	348
Born, 2-22-41; proved, 8-25-48;----; Minn.	5 daughters--	5	8,107	3.9	319
Sire, 39902; dam, 44323.	5 dams-------	12	8,716	3.9	339
Herd Owner, Arthur H. Bentz, Truman.	Difference---	(1-3-1)	-609	.0	-20
BOWERHOME SWEET CONCENTRATION 50498	7 daughters--	9	10,265	4.7	479
Born, 8-12-40; proved, 8-17-48;----; Iowa.	7 dams-------	28	11,131	4.2	472
Sire, 35009; dam, 55280.	Difference---	(2-6-4)	-866	+.5	+7
Herd Owner, Ralph Bright, Eldora.					
BROWN BETTY'S PRINCE 44048	7 daughters--	9	10,247	4.1	424
Born, 1-16-39; proved, 8-24-48;----; Ill.	5 daughters--	6	9,757	4.1	401
Sire, 31486; dam, 65350.	5 dams-------	20	10,813	4.1	441
Herd Owner, Henry Ruebush, Sciota.	Difference---	(2-2-2)	-1,056	.0	-40
BROWNIE'S BARON 43073	8 daughters--	12	10,426	4.0	419
Born, 9-18-38; proved, 8-24-48;----; Iowa.	8 dams-------	53	10,057	4.0	400
Sire, 37948; dam, 40321.	Difference---	(6-5-6)	+369	.0	+19
Herd Owner, H. W. Wernli Estate, Linden.					
DOT'S MAJESTY BOY 51396	9 daughters--	9	11,673	4.1	479
Born, 4-14-41; proved, 8-5-48; dead; Iowa.	8 daughters--	8	12,036	4.1	492
Sire, 32358; dam, 39678.	8 dams-------	19	11,769	4.1	479
Herd Owner, Lynn Mischke, Churdan.	Difference---	(4-4-6)	+267	.0	+13
JENNIE'S KERMIT FOX 42484	10 daughters-	20	8,888	3.9	347
Born, 3-26-38; proved, 8-24-48;----; Wis.	7 daughters--	16	8,674	3.9	342
Sire, 32954; dam, 28885.	7 dams-------	37	8,530	3.8	320
Herd Owner, Morning Star Farms, Beaver Dam.	Difference---	(5-6-4)	+144	+.1	+22
JESSE OF JUDD'S BRIDGE 53929	5 daughters--	7	10,980	4.2	458
Born, 10-28-41; proved, 8-18-48; alive; N. Y.	5 dams-------	14	10,863	4.2	459
Sire, 31073; dam, 78476.	Difference---	(2-3-2)	+117	.0	-1
Herd Owner, J. Sanford Cross, Kyserike.					
L. K'S COLLEGE BOY 46307	9 daughters--	12	10,199	3.9	394
Born, 5-11-39; proved, 8-2-48;----; Wis.	6 daughters--	8	10,616	3.8	407
Sire, 36655; dam, 56903.	6 dams-------	6	11,937	3.9	465
Herd Owner, Charles F. Bowyer, Elkhorn.	Difference---	(2-4-2)	-1,321	-.1	-58

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FILLMORE KING 61878----------	15 daughters-	15	7,431	3.9	287
Born, 6-26-39; proved, 8-6-48; dead; Vt.	15 dams------	30	6,433	3.9	252
Sire, 56766; dam, 131998.	Difference---	(12-8-12)	+998	.0	+35
Herd Owner, Philip A. Noiseux, Enosburg Falls.					
FINTRY FOOTPRINT, IMP. 64556----------	12 daughters-	17	9,081	4.0	359
Born, 4-1-40; proved, 8-23-48;----; Wash.	9 daughters--	14	9,686	4.0	385
Sire, 64555; dam, 232034.	9 dams-------	34	9,205	3.7	344
Herd Owner, Ralph B. LeCocq & Groenen, Custer.	Difference---	(6-8-6)	+481	+.3	+41
GOODNOW FARM FRANK 64269----------	6 daughters--	9	8,046	4.0	324
Born, 6-28-39; proved, 8-11-48;----; Conn.	6 dams-------	14	8,450	3.9	333
Sire, 54954; dam, 196266.	Difference---	(3-2-3)	-404	+.1	-9
Herd Owner, Goodnow Farm, Norfolk.					
HIS MAJESTY OF ATWOOD ORCHARDS 63146----------	13 daughters-	21	7,205	4.1	295
Born, 2-24-39; proved, 8-13-48; dead; N. Y.	10 daughters-	18	6,473	4.1	267
Sire, 34996; dam, 177038.	10 dams------	23	8,664	4.3	370
Herd Owner, Jay H. Knapp & Sons, Vernon.	Difference---	(2-4-2)	-2,191	-.2	-103
HOLEHOUSE CREST, IMP. 64524----------	11 daughters-	16	9,466	3.8	357
Born, 4-14-38; proved, 8-30-48;----; Ohio.	8 daughters--	12	10,130	3.8	384
Sire, 64523; dam, 231816.	8 dams-------	19	10,469	3.9	407
Herd Owner, Jay Ayr Farm, Fort Recovery.	Difference---	(4-3-3)	-339	-.1	-23
MEADOW LAND BUSTER BOY 63558----------	14 daughters-	14	9,157	4.3	391
Born, 1-15-40; proved, 8-11-48;----; Oreg.	6 daughters--	6	9,470	4.1	387
Sire, 56414; dam, 193571.	6 dams-------	6	11,261	3.8	423
Herd Owner, Stephen Hemshorn Estate, Mt. Angel.	Difference---	(1-6-2)	-1,791	+.3	-36
PARACHUTE'S ROGIE PRIDE 3D 64459----------	13 daughters-	19	9,521	4.3	411
Born, 4-14-40; proved, 8-30-48;----; N. Y.	13 dams------	66	9,958	4.1	410
Sire, 50692; dam, 167410.	Difference---	(5-12-9)	-437	+.2	+1
Herd Owner, Willowbrook Ayr. Farm, Cortland.					
PATRICA'S PAT 64089----------	14 daughters-	25	8,365	4.4	367
Born, 11-19-39; proved, 8-16-48;----; N. Y.	10 daughters-	18	8,479	4.4	377
Sire, 57775; dam, 161121.	10 dams------	25	8,816	4.2	369
Herd Owner, Daniel J. Murphy, Hector.	Difference---	(4-8-6)	-337	+.2	+8
PENSHURST MAGNETIC DOVE 59185----------	10 daughters-	15	8,488	4.3	363
Born, 5-19-38; proved, 8-11-48;----; Pa.	6 daughters--	9	9,143	4.2	381
Sire, 50792; dam, 180619.	6 dams-------	20	10,247	3.9	395
Herd Owner, Glenbrook Farm, Concordville.	Difference---	(2-5-3)	-1,104	+.3	-14
PINEHURST RIGHT MERLE 63874----------	8 daughters--	10	8,943	4.2	377
Born, 11-26-39; proved, 8-16-48; alive; N. C.	8 dams-------	26	7,583	4.2	315
Sire, 34381; dam, 144967.	Difference---	(6-4-6)	+1,360	.0	+62
Herd Owner, Pinehurst Farms, Pinehurst.					
ROSELAWN LA MAGNET 64343----------	21 daughters-	26	7,662	4.4	336
Born, 1-7-40; proved, 8-12-48;----; Pa.	17 daughters-	21	7,710	4.4	339
Sire, 50792; dam, 164982.	17 dams------	43	7,880	4.0	317
Herd Owner, Robert W. Eno, Honesdale.	Difference---	(8-15-10)	-170	+.4	+22
SHARON VIEW ADA'S STAR 55397----------	6 daughters--	16	8,006	4.3	344
Born, 11-16-36; proved, 8-10-48; dead; Ohio	6 dams-------	16	9,658	3.9	377
Sire, 38293; dam, 93591.	Difference---	(1-5-3)	-1,652	+.4	-33
Herd Owner, R. W. Zieg, Marion.					
SHIRLEY AYR GAY BOB 67503----------	9 daughters--	13	7,612	3.9	298
Born, 5-26-38; proved, 8-3-48; dead; Md.	7 daughters--	10	7,519	4.0	299
Sire, 47698; dam, 186235.	7 dams-------	22	8,968	3.9	347
Herd Owner, Oaklea Farms, Street.	Difference---	(2-5-2)	-1,449	+.1	-48
SPINNEY-RUN PETER'S ROYAL BLOOD 63592----------	12 daughters-	20	7,882	4.0	314
Born, 6-29-39; proved, 8-23-48; dead; Ill.	6 daughters--	10	8,247	4.0	333
Sire, 45403; dam, 159698.	6 dams-------	14	8,708	3.8	335
Herd Owner, Spinney-Run Farm, Libertyville.	Difference---	(3-4-3)	-461	+.2	-2
SYCAMORE AUTRACTOR 63436----------	13 daughters-	17	10,005	3.7	373
Born, 1-4-40; proved, 8-16-48;----; Wash.	11 daughters-	13	10,223	3.8	385
Sire, 35622; dam, 199523.	11 dams------	44	9,015	3.8	341
Herd Owner, Ralph B. LeCocq & Groenen, Custer.	Difference---	(9-5-8)	+1,208	.0	+44
SYCAMORE BUTTONS 64437----------	9 daughters--	11	8,942	4.1	363
Born, 1-23-40; proved, 8-11-48;----; Pa.	5 daughters--	6	9,585	4.1	390
Sire, 51654; dam, 170240.	5 dams-------	10	7,906	4.0	313
Herd Owner, Eureka Farms, Pottstown.	Difference---	(4-4-5)	+1,679	+.1	+77
TENN-AYR TELL WILLIAM 63096----------	18 daughters-	20	10,161	4.0	405
Born, 11-12-39; proved, 8-12-48;----; Pa.	13 daughters-	13	10,395	4.0	418
Sire, 41263; dam, 170969.	13 dams------	43	8,529	3.8	327
Herd Owner, Charles B. Spicer, Gettysburg.	Difference---	(12-9-13)	+1,866	+.2	+91

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MARDELL BARON DUKE 40479 *11----------	12 daughters-	22	11,112	4.2	466
Born, 10-8-37; proved, 8-2-48; dead; Ill.	11 daughters-	21	10,841	4.2	457
Sire, 27137; dam, 45312.	11 dams------	34	9,796	4.1	403
Herd Owner, Harold L. & Donald Neuschwander, Dakota.	Difference---	(8-7-7)	+1,045	+.1	+54
MARYDALE FARMS PRETTY BOY 54438----------	7 daughters--	7	9,995	3.9	391
Born, 2-8-41; proved, 8-11-48; dead; Ill.	7 dams-------	28	9,594	3.8	369
Sire, 41135; dam, 63028.	Difference---	(3-5-3)	+401	+.1	+22
Herd Owner, Joseph P. Savage, Lafox.					
MASTER SCHONI V. B. 46075----------	13 daughters-	14	10,661	3.8	401
Born, 4-16-39; proved, 8-25-48;----; Minn.	8 daughters--	9	10,365	3.7	383
Sire, 35122; dam, 43960.	8 dams-------	18	10,796	3.8	414
Herd Owner, Conrad R. Brill, Lakefield.	Difference---	(2-2-2)	-431	-.1	-31
NERO'S PRIDE KING 45153----------	15 daughters-	17	10,682	4.1	436
Born, 8-13-38; proved, 8-18-48;----; Iowa.	8 daughters--	9	11,736	4.0	472
Sire, 33189; dam, 62059.	8 dams-------	13	9,483	3.9	366
Herd Owner, Bruening Brothers, Ridgeway.	Difference---	(6-6-6)	+2,253	+.1	+106
OAKLAND COLLEGE MAJOR 43512----------	7 daughters--	9	7,715	4.0	309
Born, 8-5-38; proved, 8-17-48;----; Pa.	6 daughters--	8	7,751	4.1	316
Sire, 33077; dam, 18654.	6 dams-------	13	9,944	4.0	394
Herd Owner, Orangeville Brown Swiss Farm, Sharpsville.	Difference---	(1-4-1)	-2,193	+.1	-78
ROSE'S MAJESTY BOY 45585----------	5 daughters--	6	10,545	4.1	434
Born, 9-19-39; proved, 8-3-48; dead; Iowa.	5 dams-------	6	9,463	3.8	357
Sire, 32358; dam, 64841.	Difference---	(4-4-4)	+1,082	+.3	+77
Herd Owner, Ernest Blom, Oskaloosa.					
ROSE'S SONNY BOY 32086----------	9 daughters--	28	7,522	3.9	294
Born, 3-22-34; proved, 8-4-48;----; Pa.	8 daughters--	26	7,571	4.0	299
Sire, 14102; dam, 35922.	8 dams-------	15	8,339	3.8	319
Herd Owner, Evangelical Home, Lewisburg.	Difference---	(3-4-2)	-768	+.2	-20
ROYAL GRUMPY OF LEE'S HILL 51523----------	5 daughters--	6	10,533	3.9	415
Born, 5-6-41; proved, 8-25-48;----; Minn.	5 dams-------	10	7,704	4.2	325
Sire, 46267; dam, 72853.	Difference---	(4-1-4)	+2,829	-.3	+90
Herd Owner, Old Elm Farm, Winona.					
ROYAL'S CARL 46304----------	14 daughters-	18	8,939	4.0	354
Born, 11-21-39; proved, 8-9-48;----; Iowa.	8 daughters--	11	8,454	4.0	335
Sire, 38631; dam, 79967.	8 dams-------	41	8,598	4.0	344
Herd Owner, Roy Leonard, Conrad.	Difference---	(4-4-4)	-144	.0	-9
SCATTERGOOD'S CYRENE PRINCE 51677----------	6 daughters--	7	12,986	4.2	543
Born, 4-1-41; proved, 8-18-48;----; Wis.	6 dams-------	20	10,032	3.9	394
Sire, 41662; dam, 64122.	Difference---	(5-5-6)	+2,954	+.3	+149
Herd Owner, Ernest Baumgartner & Son, Waukesha.					
SEPTANAMAR OF BOWERHOME 46880----------	6 daughters--	10	9,670	4.5	435
Born, 2-18-40; proved, 8-11-48; alive; Ill.	5 daughters--	9	9,844	4.5	438
Sire, 25100; dam, 37032.	5 dams-------	18	9,053	4.0	363
Herd Owner, Clifford Homann & Son, Humboldt.	Difference---	(3-5-4)	+791	+.5	+75
SILVER'S BOY OF BUTTERCUP 52926----------	6 daughters--	6	11,510	3.9	444
Born, 4-6-41; proved, 8-25-48;----; Iowa.	6 dams-------	31	10,768	4.1	444
Sire, 32952; dam, 57948.	Difference---	(4-2-3)	+742	-.2	0
Used in Dairy Genetics Co. A. B. A.					
SUYDAM'S JACK 44856----------	6 daughters--	6	8,174	4.0	330
Born, 8-30-39; proved, 8-3-48; dead; N.J.	6 dams-------	17	10,257	4.0	406
Sire, 31100; dam, 41378.	Difference---	(1-4-0)	-2,083	.0	-76
Herd Owner, Suydam Farms, New Brunswick.					
V. B. PHEIFER VOGEL 4TH 53508----------	12 daughters-	17	8,696	3.7	322
Born, 5-3-41; proved, 8-11-48;----; Wis.	9 daughters--	12	8,965	3.7	336
Sire, 43108; dam, 37372.	9 dams-------	24	10,434	4.0	422
Herd Owner, Louis M. Beyerl & Son, Colby.	Difference---	(2-3-2)	-1,469	-.3	-86
ZENOBIA'S CHAMPION 44388----------	7 daughters--	7	13,241	4.1	546
Born, 11-1-38; proved, 8-25-48;----; Ind.	7 dams-------	37	10,433	3.8	401
Sire, 29090; dam, 48588.	Difference---	(7-7-7)	+2,808	+.3	+145
Herd Owner, Ralph & Dan Day, Tipton.					
35*HE21116 (BANGS OR TB EARTAG)----------	8 daughters--	10	9,076	4.0	367
Born, ----; proved, 8-13-48;----; Wis.	5 daughters--	5	8,729	3.9	343
Sire, ----; dam, ----.	5 dams-------	12	8,596	3.8	326
Herd Owner, Dale Crossman, Eldorado.	Difference---	(3-4-3)	+133	+.1	+17

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ADANAC HUSTLER 248166----------	17 daughters-	20	8,367	5.3	440
Born, 5-15-34; proved, 8-25-48;----; Ind.	7 daughters--	7	7,952	5.4	430
Sire, 202220; dam, 180272.	7 dams-------	15	8,997	5.1	455
Herd Owner, Edgar S. Murray & Southworth, Plymouth.	Difference---	(2-6-3)	-1,045	+.3	-25
ADELMER'S ALERT COURAGEOUS 260615----------	6 daughters--	7	7,346	5.0	365
Born, 3-16-38; proved, 8-10-48; dead; Ill.	6 dams-------	14	7,348	4.7	342
Sire, 213436; dam, 384159.	Difference---	(3-4-4)	-2	+.3	+23
Herd Owner, Carl M. Huck, Palatine.					
ALFALFALAND HAPPY SOLDIER 296219----------	7 daughters--	11	5,847	4.3	250
Born, 9-15-40; proved, 8-24-48;----; Mich.	5 daughters--	7	5,846	4.3	254
Sire, 250940; dam, 398593.	5 dams-------	29	5,602	4.5	252
Herd Owner, John Kangas, Ironwood.	Difference---	(3-2-4)	+244	-.2	+2
ANTIETAM FIDES' VAGABOND 259781----------	15 daughters-	24	7,713	4.9	381
Born, 2-9-38; proved, 8-16-48;----; Md.	12 daughters-	18	7,768	4.9	384
Sire, 231275; dam, 420682.	12 dams------	30	7,843	4.8	378
Herd Owner, Voshell Brothers, Preston.	Difference---	(8-7-7)	-75	+.1	+6
ARGILLA C. PILOT 273998----------	11 daughters-	12	8,534	4.5	388
Born, 1-5-39; proved, 8-11-48;----; Mass.	10 daughters-	11	8,252	4.6	380
Sire, 270987; dam, 509017.	10 dams------	31	7,700	5.0	387
Herd Owner, Lewis E. King, North Brookfield.	Difference---	(6-2-6)	+552	-.4	-7
ASHLAND'S MAXIM KING 272829----------	6 daughters--	9	8,401	4.6	389
Born, 2-24-39; proved, 8-3-48;----; Va.	6 dams-------	13	9,569	4.9	466
Sire, 247430; dam, 191200.	Difference---	(3-3-2)	-1,168	-.3	-77
Herd Owner, William J. Smith & Sons, Culpeper.					
ASHLAND ULTRA PRINCE 260408----------	12 daughters-	33	6,399	4.7	300
Born, 3-31-36; proved, 8-3-48;----; Pa.	11 daughters-	31	6,574	4.6	304
Sire, 205708; dam, 410008.	11 dams------	47	7,014	5.2	364
Herd Owner, M. Hubert Walton, New Hope.	Difference---	(2-0-1)	-440	-.6	-60
BAB'S ROSEBUD 269290----------	13 daughters-	13	6,824	4.8	326
Born, 9-11-38; proved, 8-16-48; dead; Iowa.	11 daughters-	11	6,915	4.6	321
Sire, 235978; dam, 378659.	11 dams------	21	6,564	4.8	315
Herd Owner, Charles & Milton Reimer, Guttenberg.	Difference---	(8-4-8)	+351	-.2	+6
BAYVILLE MAI 279535----------	7 daughters--	8	5,060	4.6	235
Born, 5-30-37; proved, 8-3-48;----; Va.	5 daughters--	6	4,869	4.4	216
Sire, 198772; dam, 342960.	5 dams-------	17	7,987	4.4	349
Herd Owner, Laurel Springs Dairy, Marion.	Difference---	(1-4-1)	-3,118	.0	-133
BEACHY FARM KING ARTIS 268902----------	6 daughters--	10	7,596	4.7	357
Born, 11-16-38; proved, 8-2-48;----; Kans.	6 dams-------	18	9,011	4.5	401
Sire, 186731; dam, 398636.	Difference---	(0-6-1)	-1,415	+.2	-44
Herd Owner, M. M. Beachy, Hutchinson.					
BENTON'S MOUNTAIN MAN 245162----------	6 daughters--	17	6,664	4.5	302
Born, 6-30-36; proved, 8-23-48;----; Va.	5 daughters--	14	6,944	4.5	309
Sire, 160258; dam, 378583.	5 dams-------	18	7,495	4.5	335
Herd Owner, O. C. Flory, Stuarts Draft.	Difference---	(1-4-1)	-551	.0	-26
BEST'S SCOTTY OF ELMWOOD 294499----------	11 daughters-	11	7,092	4.8	337
Born, 11-2-38; proved, 8-30-48;----; N. Y.	8 daughters--	8	7,036	4.8	337
Sire, 272799; dam, 515299.	8 dams-------	32	8,481	5.0	426
Used in New York Co-op. A. B. A., Inc.	Difference---	(1-3-1)	-1,445	-.2	-89
BLACKHEARD'S PREMIER 280720----------	16 daughters-	25	8,098	4.7	381
Born, 7-15-39; proved, 8-20-48;----; Md.	16 dams------	45	7,664	4.6	350
Sire, 241858; dam, 285227.	Difference---	(8-12-10)	+434	+.1	+31
Herd Owner, William B. Messix, Jr., Queen Anne.					
BLAKEFORD CONTENDER 287056----------	7 daughters--	12	8,550	4.4	377
Born, 4-8-40; proved, 8-12-48; dead; Md.	6 daughters--	10	8,466	4.4	371
Sire, 256253; dam, 506865.	6 dams-------	19	8,424	4.8	406
Herd Owner, Edwin Johnson, Germantown.	Difference---	(4-3-1	+42	-.4	-35
BLAKEFORD GALLANT 279691----------	13 daughters-	18	8,516	4.5	385
Born, 8-3-39; proved, 8-13-48;----; Md.	7 daughters--	9	8,781	4.6	402
Sire, 206846; dam, 314385.	7 dams-------	12	5,881	4.7	278
Herd Owner, Edwin Warfield, Jr., Woodbine.	Difference---	(6-3-6)	+2,900	-.1	+124
BLAKEFORD REVEILLE 245152----------	17 daughters-	29	7,291	4.9	358
Born, 9-24-36; proved, 8-25-48;----; Maine.	10 daughters-	17	7,474	4.9	364
Sire, 206846; dam, 337676.	10 dams------	29	8,423	4.7	393
Herd Owner, Mrs. Dorothy R. Austin, North Blue Hill.	Difference---	(3-6-3)	-949	+.2	-29
BLAKEFORD RUBEN 271650----------	11 daughters-	12	8,080	4.8	390
Born, 3-29-39; proved, 8-10-48;----; Md.	5 daughters--	5	8,165	4.8	393
Sire, 216197; dam, 326804.	5 dams-------	12	7,748	5.0	387
Herd Owner, Wm. A. Fouche & C. C. C. Thomas, Adamstown.	Difference---	(3-2-2)	+417	-.2	+6

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BLAKEFORD YANKEE PRINCE 245151----------	10 daughters-	17	6,807	5.3	363
Born, 8-11-36; proved, 8-23-48;----; Md.	8 daughters--	12	6,991	5.3	372
Sire, 206846; dam, 443414.	8 dams-------	14	6,266	5.6	350
Herd Owner, Bonnie Blink Farm, Cockeysville.	Difference---	(4-3-5)	+725	-.3	+22
BOULDER BRIDGE CANDIDATE 300758----------	9 daughters--	9	8,055	4.9	393
Born, 11-15-40; proved, 8-18-48;----; Minn.	8 daughters--	8	8,102	4.8	391
Sire, 259502; dam, 511026.	8 dams-------	21	6,984	4.8	338
Herd Owner, Francis Clinton, Watkins.	Difference---	(6-4-7)	+1,118	.0	+53
BOULDER BRIDGE CAVALCADE 220990----------	7 daughters--	10	7,302	4.7	341
Born, 5-15-34; proved, 8-2-48; dead; Idaho.	5 daughters--	7	7,654	4.7	358
Sire, 145445; dam, 365600.	5 dams-------	6	7,975	4.7	371
Herd Owner, J. E. Archer, Boise.	Difference---	(2-3-2)	-321	.0	-13
BOULDER BRIDGE ROYAL LAD 271475----------	17 daughters-	19	7,380	5.1	373
Born, 6-27-38; proved, 8-11-48;----; Wis.	13 daughters-	14	7,364	5.2	381
Sire, 145445; dam, 262899.	13 dams------	39	7,416	5.0	370
Herd Owner, Michael Orth, Jr., Waukesha.	Difference---	(7-8-9)	-52	+.2	+11
BOULDER BRIDGE TRIUMPH 260761----------	7 daughters--	12	7,003	5.4	376
Born, 1-6-38; proved, 8-9-48;----; Iowa.	6 daughters--	11	7,221	5.3	384
Sire, 216336; dam, 412288.	6 dams-------	23	8,598	4.9	425
Herd Owner, Gartin & Adamson, Chariton.	Difference---	(1-4-2)	-1,377	+.4	-41
BREIDABLIK YORIC 211801----------	17 daughters-	55	8,134	4.8	387
Born, 5-10-33; proved, 8-5-48; dead; Md.	13 daughters-	47	8,361	4.8	402
Sire, 194433; dam, 295579.	13 dams------	64	8,120	4.5	364
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(7-11-9)	+241	+.3	+38
BRIAN BORU VIKING 282648----------	14 daughters-	18	6,663	4.9	323
Born, 9-28-39; proved, 8-19-48; dead; Vt.	11 daughters-	14	6,830	4.9	335
Sire, 202806; dam, 392025.	11 dams------	31	6,969	4.7	325
Used in Vermont Co-op. A. B. A., Inc.	Difference---	(5-7-6)	-139	+.2	+10
BROOK FARM PET'S KING 267301----------	7 daughters--	14	8,544	4.7	399
Born, 6-22-38; proved, 8-4-48; dead; Pa.	5 daughters--	10	8,752	4.8	422
Sire, 235094; dam, 269905.	5 dams-------	29	8,830	4.9	430
Herd Owner, John B. Brooks, Harbor Creek.	Difference---	(3-3-2)	-78	-.1	-8
BROOKLAWN'S VIKING 277382----------	11 daughters-	12	9,214	4.5	412
Born, 8-20-39; proved, 8-17-48;----; N. J.	9 daughters--	10	9,138	4.6	421
Sire, 243819; dam, 328077.	9 dams-------	14	8,031	4.7	378
Herd Owner, Perona Farms, Andover.	Difference---	(7-5-7)	+1,107	-.1	+43
BROOKWOOD ROBIN 277593----------	9 daughters--	18	8,325	4.9	412
Born, 9-10-39; proved, 8-5-48; dead; Mich.	7 daughters--	14	7,940	4.9	393
Sire, 235006; dam, 375845.	7 dams-------	20	9,128	4.5	415
Herd Owner, S. Shue & J. C. Plagens, Memphis.	Difference---	(2-7-3)	-1,188	+.4	-22
CADET'S VICTOR OF PERLEY FARM 278890----------	7 daughters--	14	3,590	4.8	174
Born, 9-26-37; proved, 8-10-48;----; Vt.	5 daughters--	11	3,494	4.8	167
Sire, 206370; dam, 265159.	5 dams-------	10	5,682	4.1	232
Herd Owner, Ernest E. & M. E. Perley, Richford.	Difference---	(1-5-2)	-2,188	+.7	-65
CATHEDRAL REX RILMA'S SEQUEL 261723----------	8 daughters--	12	7,643	5.3	405
Born, 4-1-38; proved, 8-2-48; dead; N. Y.	5 daughters--	6	7,496	5.4	401
Sire, 228630; dam, 389283.	5 dams-------	11	8,351	5.1	425
Herd Owner, J. Leonard Adsit, Baldwinsville.	Difference---	(2-4-3)	-855	+.3	-24
CEDAR CLIFF'S MERRYMAKER 296161----------	6 daughters--	8	8,228	4.6	375
Born, 10-18-40; proved, 8-24-48;----; Pa.	6 dams-------	14	6,845	4.7	321
Sire, 206935; dam, 484214.	Difference---	(6-2-5)	+1,383	-.1	+54
Herd Owner, George W. Strock, Mechanicsburg.					
CESOR PENWYN'S REX 306528----------	16 daughters-	22	8,629	4.9	426
Born, 12-24-40; proved, 8-18-48;----; Wis.	14 daughters-	20	8,694	5.0	436
Sire, 254831; dam, 364436.	14 dams------	32	7,407	5.0	369
Herd Owner, Elmer C. Bock, Malone.	Difference---	(12-9-12)	+1,287	.0	+67
C. F.'S KING OF THE BLUES 271091----------	7 daughters--	12	7,105	5.2	371
Born, 3-12-39; proved, 8-3-48;----; Md.	6 daughters--	9	7,157	5.2	371
Sire, 177171; dam, 255001.	6 dams-------	9	8,050	4.5	361
Herd Owner, Henry H. Carter, Rockville.	Difference---	(2-6-3)	-893	+.7	+10
CHUCKANUT VASHON 293581----------	9 daughters--	15	8,120	5.1	411
Born, 3-22-39; proved, 8-18-48;----; Wash.	6 daughters--	9	8,156	5.0	410
Sire, 249940; dam, 579741.	6 dams-------	22	9,802	4.8	471
Herd Owner, Hal Slagle, Randle.	Difference---	(1-4-1)	-1,646	+.2	-61
CIRCLEVIEW CUDDLES 308085----------	9 daughters--	12	8,343	5.1	428
Born, 7-19-41; proved, 8-18-48; dead; N. Y.	6 daughters--	8	8,321	5.2	430
Sire, 238115; dam, 549303.	6 dams-------	21	8,370	4.8	406
Herd Owner, La Rue T. Hull, Castile.	Difference---	(4-5-5)	-49	+.4	+24

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
COLORADO ROBIN 280297----------	15 daughters-	21	7,191	4.9	353
Born, 6-7-39; proved, 8-4-48; dead; Colo.	10 daughters-	13	7,328	5.0	364
Sire, 249210; dam, 531257.	10 dams------	23	8,711	4.1	358
Herd Owner, R. M. Bertholf, Pueblo.	Difference---	(3-8-7)	-1,383	+.9	+6
CONNER PARK SPORT 267907----------	9 daughters--	22	6,961	5.4	375
Born, 8-13-38; proved, 8-4-48;----; Pa.	8 daughters--	21	6,930	5.4	376
Sire, 140784; dam, 357450.	8 dams-------	46	8,941	4.7	420
Herd Owner, Clarence R. Hack, Berwick.	Difference---	(0-8-3)	-2,011	+.7	-44
COOPER'S SUPERB 263514----------	14 daughters-	17	8,217	5.1	416
Born, 8-19-38; proved, 8-2-48; dead; Mo.	7 daughters--	9	8,516	5.0	422
Sire, 233275; dam, 427084.	7 dams-------	12	5,952	5.3	317
Herd Owner, Charles F. Watkins, Belton.	Difference---	(7-2-6)	+2,564	-.3	+105
COUNTRY BOY'S DOLBY 288201----------	11 daughters-	23	7,734	4.9	382
Born, 12-27-38; proved, 8-12-48;----; Pa.	11 dams------	58	9,202	4.8	443
Sire, 220790; dam, 311309.	Difference---	(1-8-1)	-1,468	+.1	-61
Herd Owner, Gruber Brothers, Hawthorne.					
CROWN PRINCE OF GREENFIELD FARM 258620----------	6 daughters--	14	7,064	4.4	311
Born, 5-16-37; proved, 8-2-48;----; Mich.	5 daughters--	11	7,268	4.4	319
Sire, 222437; dam, 232284.	5 dams-------	8	6,594	4.9	326
Herd Owner, William J. Phillips, Almont.	Difference---	(3-1-2)	+674	-.5	-7
DELRENA'S NOBLEMAN 289173----------	8 daughters--	12	8,257	4.9	409
Born, 4-23-40; proved, 8-24-48;----; Pa.	8 dams-------	43	7,294	4.9	356
Sire, 234922; dam, 455987.	Difference---	(6-4-7)	+963	.0	+53
Herd Owner, Ed. E. Koppenhaver, Elizabethville.					
DESTINY OF IOWAGOLD 307758----------	6 daughters--	9	7,560	4.6	351
Born, 5-20-41; proved, 8-18-48;----; Iowa.	5 daughters--	7	7,606	4.6	352
Sire, 270292; dam, 566948.	5 dams-------	15	8,521	4.3	366
Herd Owner, Raymond L. Pollock, Adel.	Difference---	(2-5-2)	-915	+.3	-14
DIMPLE'S AMOS OF FERN HILL 201511----------	28 daughters-	30	6,609	4.7	308
Born, 12-25-31; proved, 8-10-48;----; Wis.	5 daughters--	5	6,082	4.6	278
Sire, 179925; dam, 203646.	5 dams-------	7	5,846	4.5	261
Herd Owner, Honaas Brothers, Elk Mound.	Difference---	(3-4-3)	+236	+.1	+17
DON ALDA CAPTAIN'S ROYALIST 252217----------	9 daughters--	16	5,652	5.2	292
Born, 8-10-34; proved, 8-16-48;----; N. Y.	5 daughters--	10	5,928	5.3	313
Sire, 10838 CHB.; dam, 9582 CHB.	5 dams-------	7	8,084	4.8	387
Herd Owner, James M. Carr, Little Valley.	Difference---	(0-4-1)	-2,156	+.5	-74
DON'S BUD OF FUTURE HOPE 282695----------	8 daughters--	11	6,687	4.9	325
Born, 1-8-39; proved, 8-16-48;----; Wis.	8 dams-------	33	8,172	4.6	377
Sire, 248348; dam, 491822.	Difference---	(1-6-1)	-1,485	+.3	-52
Herd Owner, Orrin C. Ulness, Valders.					
DUNBAR ROYAL LANDSMAN 268229----------	7 daughters--	11	8,359	5.0	415
Born, 1-1-36; proved, 8-3-48;----; Minn.	5 daughters--	6	8,306	5.0	417
Sire, 146332; dam, 229890.	5 dams-------	9	8,351	4.7	395
Herd Owner, Ralph D. Sisler, Grand Rapids.	Difference---	(2-3-3)	-45	+.3	+22
DUN-ROVEN GENTLEMAN BUDDY 257776----------	7 daughters--	10	8,666	4.6	400
Born, 1-13-38; proved, 8-3-48;----; Ohio.	7 dams-------	19	7,109	5.2	366
Sire, 226990; dam, 457996.	Difference---	(6-1-6)	+1,557	-.6	+34
Herd Owner, William H. Ostermeier, Midland.					
EASTLEIGH MOUNTAINEER 258619----------	10 daughters-	24	7,132	5.1	361
Born, 3-18-38; proved, 8-4-48;----; Md.	9 daughters--	22	7,285	5.0	367
Sire, 221614; dam, 415225.	9 dams-------	47	7,648	5.1	393
Herd Owner, Herman L. Stockslager, Hagerstown.	Difference---	(4-4-3)	-363	-.1	-26
EDINHAM'S MILES STANDISH 282441----------	9 daughters--	15	5,985	4.5	271
Born, 8-6-39; proved, 8-16-48;----; Pa.	6 daughters--	11	6,108	4.5	277
Sire, 242085; dam, 393890.	6 dams-------	11	6,678	4.8	323
Herd Owner, David Hunter, Springville.	Difference---	(2-2-0)	-570	-.3	-46
ELISSA'S WHITE STAR OF HAZEN 282011----------	7 daughters--	10	7,378	5.1	380
Born, 1-15-40; proved, 8-10-48;----; Pa.	6 daughters--	8	7,266	5.1	373
Sire, 246173; dam, 461168.	6 dams-------	23	7,671	5.3	403
Herd Owner, I. M. Speedy, Livermore.	Difference---	(3-3-3)	-405	-.2	-30
ELMWOOD FARMS ROYAL ROGUE 300380----------	16 daughters-	31	10,317	4.5	462
Born, 11-5-40; proved, 8-24-48;----; N. Y.	15 daughters-	30	10,333	4.5	461
Sire, 279696; dam, 588274.	15 dams------	57	10,109	4.4	448
Herd Owner, Sunny Slope Farm, Ithaca.	Difference---	(8-8-9)	+224	+.1	+13
EL SHELTERO LEGEND'S IKE 289112----------	11 daughters-	11	6,225	4.5	281
Born, 4-12-40; proved, 8-25-48;----; Minn.	5 daughters--	5	6,225	4.6	289
Sire, 252688; dam, 627972.	5 dams-------	9	7,767	4.8	370
Herd Owner, Herbert Wilkowski, Morristown.	Difference---	(1-3-1)	-1,542	-.2	-81

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ETH-MEAD C FORESTER 306226----------	12 daughters-	13	8,574	4.8	410
Born, 10-11-40; proved, 8-24-48;----; Mich.	7 daughters--	8	8,478	4.8	408
Sire, 231556; dam, 496251.	7 dams-------	11	7,998	4.9	393
Herd Owner, Leonard Johnson, Alto.	Difference---	(5-3-4)	+480	-.1	+15
ETH-MEAD SHAH 297876 *12----------	10 daughters-	17	9,319	5.0	467
Born, 7-31-40; proved, 8-13-48;----; Mich.	10 dams------	28	8,408	4.8	402
Sire, 97043; dam, 450615.	Difference---	(7-7-8)	+911	+.2	+65
Used in Wisconsin Scientific Breeding Institute, Wis. (A. B. A.).					
FAIRHOLM'S HUBERT OF RIDMOOR 294203----------	6 daughters--	10	7,948	4.5	361
Born, 6-14-40; proved, 8-24-48;----; Mich.	6 dams-------	12	8,912	5.0	446
Sire, 255240; dam, 550502.	Difference---	(1-1-0)	-964	-.5	-87
Herd Owner, Meeford L. Ridley, Leslie.					
FIDDLERS GREEN FIDDLER 275226----------	6 daughters--	8	7,330	4.8	355
Born, 9-24-37; proved, 8-13-48;----; Va.	6 dams-------	23	8,431	5.0	423
Sire, 199862; dam, 521157.	Difference---	(2-1-2)	-1,101	-.2	-68
Herd Owner, Fiddlers Green Farm, Gloucester.					
FIRCREST DARIGOLD ACE 257308----------	10 daughters-	16	7,515	5.0	377
Born, 9-29-37; proved, 8-10-48;----; Wash.	7 daughters--	11	7,491	4.9	368
Sire, 210695; dam, 250298.	7 dams-------	21	8,728	4.6	403
Used in Walla Walla Valley Co-op. A. B. A.	Difference---	(2-5-2)	-1,237	+.3	-35
FLYING HILL COUNTRY HIGHLIGHT 260679----------	8 daughters--	9	7,277	4.7	345
Born, 5-30-38; proved, 8-2-48;----; Pa.	7 daughters--	8	6,929	4.8	334
Sire, 208733; dam, 329890.	7 dams-------	39	8,478	4.6	393
Herd Owner, Dale D. Kilgore, Woodbine.	Difference---	(2-4-2)	-1,549	+.2	-59
FLYING HILL ROYAL PRIZE 293536----------	16 daughters-	23	7,853	4.6	364
Born, 1-1-40; proved, 8-25-48;----; Mo.	12 daughters-	17	7,822	4.6	363
Sire, 223074; dam, 441495.	12 dams------	26	7,258	4.7	345
Herd Owner, Walter J. Schmitt, Springfield.	Difference---	(7-6-7)	+564	-.1	+18
FLYING HILL ROYAL TROUBADOUR 259088 *12----------	22 daughters-	32	8,732	5.0	439
Born, 1-16-38; proved, 8-19-48; dead; Pa.	22 dams------	98	8,693	4.9	423
Sire, 223074; dam, 367378.	Difference--	(11-17-12)	+39	+.1	+16
Herd Owner, William J. Parlett, Woodbine.					
FLYING HORSE ROYAL DON 294892----------	6 daughters--	6	8,258	4.8	400
Born, 12-14-40; proved, 8-23-48;----; Mass.	6 dams-------	23	8,930	4.4	396
Sire, 250015; dam, 291989.	Difference---	(3-5-4)	-672	+.4	+4
Herd Owner, Appleton Farms, Ipswich.					
FLYING HORSE ROYAL JINX 294890----------	10 daughters-	12	7,093	5.1	358
Born, 9-18-40; proved, 8-27-48;----; Mass.	7 daughters--	9	7,133	5.1	360
Sire, 250015; dam, 404361.	7 dams-------	13	7,855	4.5	355
Herd Owner, Richard E. Field, South Ashfield.	Difference---	(2-5-4)	-722	+.6	+5
FOREMOST HAMILTON 261071----------	6 daughters--	8	9,333	4.8	447
Born, 12-17-37; proved, 8-5-48; dead; Mo.	6 dams-------	9	8,585	4.4	380
Sire, 221531; dam, 460693.	Difference---	(4-5-5)	+748	+.4	+67
Herd Owner, J. C. Penney, Gallatin.					
FOREMOST ROYAL PROGENITOR 245190----------	8 daughters--	12	6,972	4.9	344
Born, 3-7-36; proved, 8-23-48;----; Ohio.	5 daughters--	8	7,765	4.8	372
Sire, 221529; dam, 368721.	5 dams-------	8	8,786	4.8	420
Herd Owner, Roy E. Spencer & Son, Chardon.	Difference---	(1-3-1)	-1,021	.0	-48
FOREMOST SUMMIT 295895----------	7 daughters--	11	8,920	4.6	408
Born, 1-29-40; proved, 8-27-48;----; Wis.	6 daughters--	9	9,459	4.4	419
Sire, 229913; dam, 375205.	6 dams-------	17	6,894	4.6	320
Herd Owner, Victor N. Leppla, Appleton.	Difference---	(6-4-6)	+2,565	-.2	+99
FOXBURG'S CHEER'S NEATER 295906----------	6 daughters--	11	7,990	5.0	399
Born, 7-27-40; proved, 8-24-48;----; Pa.	6 dams-------	37	8,498	5.0	426
Sire, 266574; dam, 386750.	Difference---	(2-3-2)	-508	.0	-27
Herd Owner, Clifford H. Hughes, Rochester Mills.					
FRANCHESTER SUPER ACTOR 275474----------	8 daughters--	13	7,058	4.9	346
Born, 2-19-39; proved, 8-12-48;----; Ohio.	6 daughters--	11	6,604	5.0	333
Sire, 244736; dam, 461969.	6 dams-------	22	7,030	4.8	338
Herd Owner, Bryson & Sweigart, St. Marys.	Difference---	(2-5-3)	-426	+.2	-5
FREELANDS WARRIOR 308429----------	5 daughters--	6	8,959	4.9	440
Born, 6-9-41; proved, 8-25-48;----; Ohio.	5 dams-------	15	8,350	4.5	374
Sire, 252152; dam, 592426.	Difference---	(3-5-3)	+609	+.4	+66
Herd Owner, Freelands Farm, Columbus Grove.					
GABRIEL'S FORTUNE 285889----------	5 daughters--	17	6,523	4.6	297
Born, 11-24-39; proved, 8-24-48;----; Pa.	5 dams-------	27	6,360	4.4	280
Sire, 237500; dam, 419306.	Difference---	(3-3-3)	+163	+.2	+17
Herd Owner, W. Clayton Jester, Biglerville.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GABRIEL'S GEM 265655----------	11 daughters-	22	6,319	5.0	316
Born, 9-9-38; proved, 8-9-48; dead; Md.	7 daughters--	12	6,404	5.0	323
Sire, 237500; dam, 388955.	7 dams-------	16	6,343	5.0	320
Herd Owner, Mill Dale Farm, New Windsor.	Difference---	(4-4-4)	+61	.0	+3
GAYLORD'S VALMEAD 307079----------	10 daughters-	11	8,375	4.6	389
Born, 1-17-41; proved, 8-16-48; alive; Wis.	9 daughters--	10	8,365	4.6	387
Sire, 219380; dam, 425524.	9 dams-------	30	7,855	4.9	383
Used in Southeastern A. B. A., N. C.	Difference---	(4-4-4)	+510	-.3	+4
GLENBURNIE JENSON 283582----------	8 daughters--	14	6,076	4.5	272
Born, 7-21-38; proved, 8-23-48;----; N. J.	8 dams-------	15	6,339	4.5	287
Sire, 229093; dam, 517892.	Difference---	(4-6-4)	-263	.0	-15
Herd Owner, Frank Schubert, Pennington.					
GLENWOOD'S CATO 280437----------	7 daughters--	12	7,220	5.0	360
Born, 6-22-39; proved, 8-19-48;----: Va.	6 daughters--	10	7,245	5.0	365
Sire, 229869; dam, 282091.	6 dams-------	28	7,592	4.8	362
Herd Owner, Miller School Dairy, Miller School.	Difference---	(3-4-3)	-347	+.2	+3
GOLDEN GRANGE ILLUSTRATOR 274891----------	5 daughters--	7	9,684	5.1	492
Born, 1-26-39; proved, 8-9-48;----; Ohio.	5 dams-------	20	10,179	4.9	497
Sire, 245432; dam, 360687.	Difference---	(1-5-2)	-495	+.2	-5
Herd Owner, Carl Fortkamp, Coldwater.					
GOLDEN GRANGE REXX BOB 296743----------	6 daughters--	7	8,406	4.9	413
Born, 10-30-40; proved, 8-31-48;----; Ind.	5 daughters--	6	8,474	4.8	407
Sire, 289463; dam, 383715.	5 dams-------	7	9,864	4.4	432
Herd Owner, Edison Lehman, Berne.	Difference---	(0-5-0)	-1,390	+.4	-25
GOLDEN SEQUEL'S TRIUMPH OF GREER 277674----------	8 daughters--	8	6,919	5.0	348
Born, 8-18-38; proved, 8-16-48;----; Ohio.	5 daughters--	5	7,411	5.1	379
Sire, 217319; dam, 230162.	5 dams-------	9	6,732	5.6	374
Herd Owner, John R. Phillips, Fredericktown.	Difference---	(4-1-2)	+679	-.5	+5
GORDONDALE ELSIR 305634----------	6 daughters--	8	7,028	5.0	352
Born, 2-17-41; proved, 8-9-48;----; Wis.	5 daughters--	6	6,819	5.0	341
Sire, 264695; dam, 348032.	5 dams-------	15	6,951	5.0	344
Herd Owner, George Gilbertson, Manitowoc.	Difference---	(2-3-3)	-132	.0	-3
GRANDVIEW LAD 249956----------	9 daughters--	14	8,023	5.2	421
Born, 3-26-37; proved, 8-9-48;----; Pa.	7 daughters--	11	8,011	5.2	417
Sire, 202028; dam, 351565.	7 dams-------	10	7,650	5.0	384
Herd Owner, Roy Anderson, Dayton.	Difference---	(4-6-4)	+361	+.2	+33
GREEN MEADOW PEERLESS 2D 252969----------	16 daughters-	25	7,373	5.0	369
Born, 4-20-37; proved, 8-2-48;----; Pa.	7 daughters--	11	7,012	5.1	355
Sire, 192437; dam, 126111.	7 dams-------	23	8,113	4.9	395
Herd Owner, Bell Gate Farm, Coopersburg.	Difference---	(2-5-3)	-1,101	+.2	-40
GREEN MEADS PROUD KNIGHT 282692----------	17 daughters-	20	7,534	5.0	373
Born, 5-27-39; proved, 8-16-48;----; Mich.	15 daughters-	18	7,466	5.0	375
Sire,216866; dam, 501584.	15 dams------	30	8,179	4.8	389
Herd Owner, Great Oaks Stock Farm, Rochester.	Difference---	(6-11-8)	-713	+.2	-14
GREEN MODEL CHIEFTAIN 281496----------	10 daughters-	12	8,141	5.1	418
Born, 11-6-39; proved, 8-5-48;----; Va.	7 daughters--	7	8,409	5.1	428
Sire, 229149; dam, 407696.	7 dams-------	15	7,060	4.9	348
Herd Owner, C. D. M. Showalter, Roanoke.	Difference---	(5-4-5)	+1,349	+.2	+80
GREYHOLME'S NOBLE MONARCH 244839----------	13 daughters-	15	6,543	4.3	284
Born, 12-20-36; proved, 8-30-48;----; Wis.	11 daughters-	12	6,573	4.3	285
Sire, 143404; dam, 318695.	11 dams------	28	7,058	4.5	321
Herd Owner, Vilas Young, West Salem.	Difference---	(5-5-3)	-485	-.2	-36
GREYHOLME VALIANT GUARDSMAN 305013----------	5 daughters--	8	8,931	4.3	387
Born, 10-4-40; proved, 8-5-48;----; Conn.	5 dams-------	19	8,553	4.4	375
Sire, 206532; dam, 384394.	Difference---	(3-2-3)	+378	-.1	+12
Herd Owner, Frederick A. Barnes II, Stonington.					
GUERNSEY GROVE MODELER 308415----------	7 daughters--	10	8,801	5.0	436
Born, 5-15-41; proved, 8-18-48;----; Wis.	7 dams-------	14	8,013	4.8	382
Sire, 256064; dam, 440145.	Difference---	(5-5-6)	+788	+.2	+54
Herd Owner, Wilbur M. Becker, Fort Atkinson.					
GWYNLLAN GOVERNOR 258232----------	11 daughters-	27	6,350	4.9	312
Born, 1-25-38; proved, 8-13-48;----; Pa.	8 daughters--	23	6,320	4.9	309
Sire, 199077; dam, 190947.	8 dams-------	30	6,469	5.0	323
Herd Owner, W. H. Doubler, Hartsville.	Difference---	(4-3-4)	-149	-.1	-14
HAMPSHIRE MILLS FURLOUGH 289135----------	6 daughters--	10	8,059	4.8	383
Born, 12-20-38; proved, 8-16-48;----; N. H.	6 dams-------	23	8,669	4.5	389
Sire, 219183; dam, 423541.	Difference---	(3-4-3)	-610	+.3	-6
Herd Owner, Hampshire Hills Farms Co., Wilton.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HAMPSTEAD FARMS ROYAL MODEL 290453----------	11 daughters-	15	6,843	5.2	354
Born, 3-15-40; proved, 8-9-48;----; Md.	8 daughters--	10	6,705	5.1	342
Sire, 257744; dam, 476247.	8 dams-------	14	6,241	4.9	305
Herd Owner, Roy S. Schnebly, Clear Spring.	Difference---	(4-4-5)	+464	+.2	+37
HECTOR'S WARRIOR OF W. B. 292369----------	8 daughters--	9	8,423	5.0	418
Born, 6-21-40; proved, 8-23-48;----; Pa.	7 daughters--	8	8,359	5.1	424
Sire, 254243; dam, 290615.	7 dams-------	32	7,393	4.9	362
Herd Owner, Weyhill Farms, Bethlehem.	Difference---	(4-4-5)	+966	+.2	+62
HILLTOP BUTTERFAT JESTER 258981----------	22 daughters-	34	8,305	4.4	365
Born, 10-20-37; proved, 8-12-48; dead; N. J.	12 daughters-	22	8,368	4.4	368
Sire, 148228; dam, 392547.	12 dams------	23	8,076	4.7	380
Herd Owner, Henry Mick, Frenchtown.	Difference---	(8-2-5)	+292	-.3	-12
HILLTOP BUTTERFAT SAILOR LAD 218623----------	16 daughters-	36	7,942	4.5	356
Born, 3-20-34; proved, 8-2-48;----; Utah.	5 daughters--	7	7,675	4.4	338
Sire, 175705; dam, 361542	5 dams-------	5	7,379	4.1	299
Herd Owner, Edgehill Farms, Ogden.	Difference---	(2-4-2)	+296	+.3	+39
HOLDRIDGE DUKE 204536----------	7 daughters--	14	7,146	4.8	341
Born, 2-7-32; proved, 8-10-48;----; Ohio.	7 dams-------	17	8,730	4.9	428
Sire, 152759; dam, 214615.	Difference---	(1-4-1)	-1,584	-.1	-87
Herd Owner, C. H. Campbell & Sons, St. Clairsville.					
HORN'S BUSTER 204440----------	9 daughters--	31	8,202	4.8	392
Born, 5-10-32; proved, 8-9-48;----; Pa.	5 daughters--	15	7,887	4.8	375
Sire, 156525; dam, 233724.	5 dams-------	25	7,922	5.0	397
Herd Owner, Stephen B. Day & Sons, Washington.	Difference---	(2-0-2)	-35	-.2	-22
HYERLAND DAISY'S WILLIE 258932----------	9 daughters--	19	7,137	5.3	379
Born, 12-15-37; proved, 8-10-48;----; Wis.	8 daughters--	17	7,189	5.3	382
Sire, 200254; dam, 345790.	8 dams-------	26	8,586	5.1	441
Herd Owner, Emil Backeberg, Wonewoc.	Difference---	(2-7-3)	-1,397	+.2	-59
INVERCROFT FOREMAN 303998----------	8 daughters--	8	6,726	5.0	338
Born, 10-15-40; proved, 8-16-48;----; Ind.	8 dams-------	21	7,506	4.8	359
Sire, 260780; dam, 399244.	Difference---	(2-4-3)	-780	+.2	-21
Herd Owner, Walter Hubenthal, Lucerne.					
INVERNESS KANE 203837----------	12 daughters-	27	7,798	5.0	393
Born, 5-2-32; proved, 8-10-48;----; Va.	6 daughters--	11	7,533	5.1	382
Sire, 166528; dam, 243060.	6 dams-------	15	6,236	5.1	319
Herd Owner, George W. Palmer, Green Bay.	Difference---	(5-3-5)	+1,297	.0	+63
JAKE'S ROYAL 304656----------	10 daughters-	14	9,522	5.4	515
Born, 3-24-41; proved, 8-17-48;----; Pa.	8 daughters--	12	9,493	5.5	517
Sire, 279176; dam, 548274.	8 dams-------	28	9,648	5.1	494
Herd Owner, J. W. Burket & Son, Tyrone.	Difference---	(3-6-5)	-155	+.4	+23
JEWELL'S CONTENDER 270870----------	14 daughters-	25	6,267	4.7	294
Born, 10-9-38; proved, 8-3-48;----; Iowa.	14 dams------	39	5,970	4.4	264
Sire, 235978; dam, 378658.	Difference---	(10-12-10)	+297	+.3	+30
Herd Owner, J. William Gamm, Arlington.					
JOMADO'S CAVALIER 261454----------	5 daughters--	5	5,789	4.9	282
Born, 2-14-38; proved, 8-5-48;----; Va.	5 dams-------	12	6,099	5.1	308
Sire, 130445; dam, 403522.	Difference---	(3-2-3)	-310	-.2	-26
Herd Owner, R. N. Rakes, Lee Hall.					
JOY'S DUKE OF METOMEN 270346----------	8 daughters--	10	7,360	4.5	328
Born, 10-8-38; proved, 8-2-48;----; Wis.	6 daughters--	8	6,763	4.5	302
Sire, 206968; dam, 401630.	6 dams-------	22	8,653	4.1	355
Herd Owner, W. G. Murray, Ripon.	Difference---	(1-6-2)	-1,890	+.4	-53
KENFLEUR'S ARON ALERT 292193----------	9 daughters--	11	9,447	5.5	517
Born, 3-24-40; proved, 8-31-48;----; Iowa.	7 daughters--	9	9,585	5.4	522
Sire, 198651; dam, 587201.	7 dams-------	16	8,312	5.2	436
Herd Owner, Henry M. Yoder, Kalona.	Difference---	(6-6-6)	+1,273	+.2	+86
KENMOOR LA NOCE MAXIM 249954----------	6 daughters--	8	6,475	5.0	325
Born, 2-24-37; proved, 8-11-48;----; Wis.	6 dams-------	22	7,506	5.0	372
Sire, 156532; dam, 303982.	Difference---	(1-2-1)	-1,031	.0	-47
Herd Owner, Herman Gugdahl, New Lisbon.					
KITCHENER TRUMPET 275597----------	9 daughters--	9	7,941	4.9	387
Born, 9-28-38; proved, 8-10-48;----; Maine.	9 dams-------	20	8,675	4.9	424
Sire, 245807; dam, 233127.	Difference---	(5-5-4)	-734	.0	-37
Used in Central Maine A. B. A.					
LADDERLOOK JUNO 244037----------	18 daughters-	30	7,465	4.9	367
Born, 7-27-36; proved, 8-27-48;----; Mass.	15 daughters-	25	7,354	4.9	363
Sire, 216026; dam, 312952.	15 dams------	43	7,027	4.6	324
Herd Owner, Donald C. Herron, Greenfield.	Difference---	(9-13-12)	+327	+.3	+39

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LAD'S NEON OF MIDDALE 275958----------	9 daughters--	11	7,915	4.5	357
Born, 8-17-38; proved, 8-12-48;----; Utah.	7 daughters--	9	8,041	4.2	341
Sire, 228922; dam, 362612.	7 dams-------	23	8,562	4.5	383
Herd Owner, Edgehill Farm, Ogden.	Difference---	(3-3-3)	-521	-.3	-42
LAD'S PHYLLISTER OF MIDDALE 251892----------	16 daughters-	30	8,633	4.7	404
Born, 4-4-37; proved, 8-2-48;----; Wash.	5 daughters--	11	8,812	4.6	406
Sire, 228922; dam, 367464.	5 dams-------	8	9,212	4.7	429
Herd Owner, Merle Miller, Burlington.	Difference---	(2-3-2)	-400	-.1	-23
LANANDY EDENQUEL 292866----------	6 daughters--	8	8,513	4.8	411
Born, 8-10-40; proved, 8-25-48;----; Conn.	6 dams-------	22	8,421	4.8	407
Sire, 215780; dam, 560728.	Difference---	(3-4-3)	+92	.0	+4
Herd Owner, Albert & Lucy Hall, Moodus.					
LANGWATER DAMSON'S PRINCE 206934----------	9 daughters--	9	6,388	4.6	297
Born, 9-23-32; proved, 8-9-48;----; Vt.	5 daughters--	5	6,107	4.8	292
Sire, 197467; dam, 276139.	5 dams-------	6	6,877	5.2	355
Herd Owner, E. G. Janeway, South Londonderry.	Difference---	(2-1-1)	-770	-.4	-63
LANGWATER TYRANT 275278----------	10 daughters-	10	8,732	4.3	378
Born, 10-2-38; proved, 8-10-48; dead; Iowa.	6 daughters--	6	8,635	4.6	394
Sire, 200171; dam, 501198.	6 dams-------	9	6,842	4.8	329
Herd Owner, Des Moines Drug Co., Des Moines.	Difference---	(5-1-5)	+1,793	-.2	+65
LISETER DOUBLE BLEND SULTAN 294257----------	11 daughters-	13	7,165	4.7	336
Born, 12-22-39; proved, 8-20-48;----; Md.	8 daughters--	9	7,289	4.7	343
Sire, 262120; dam, 479969.	8 dams-------	14	8,357	4.7	389
Herd Owner, Earl D. Beard, Westminster.	Difference---	(3-5-3)	-1,068	.0	-46
LOLA'S GRAND DUKE OF FARVIEW 270232----------	5 daughters--	8	7,263	4.9	354
Born, 9-21-38; proved, 8-17-48;----; Wis.	5 dams-------	12	8,377	4.7	392
Sire, 235924; dam, 480913.	Difference---	(1-4-1)	-1,114	+.2	-38
Herd Owner, Corium Farm, Inc., Fond du Lac.					
LOMA GENTLEMAN'S AVIATOR 287817----------	10 daughters-	10	8,089	4.8	389
Born, 12-12-38; proved, 8-12-48;----; Iowa.	5 daughters--	5	7,830	5.0	389
Sire, 213150; dam, 324314.	5 dams-------	13	7,677	4.9	374
Herd Owner, Loren J. Brown, Algona.	Difference---	(2-2-3)	+153	+.1	+15
LOMA GLENWOOD'S AJAX 232096----------	8 daughters--	11	5,805	4.8	276
Born, 7-16-35; proved, 8-17-48;----; Mich.	7 daughters--	9	5,673	4.7	268
Sire, 146487; dam, 266851.	7 dams-------	26	6,802	4.9	332
Herd Owner, John R. Frank, Calumet.	Difference---	(1-2-1)	-1,129	-.2	-64
LONGACRES DEFIANCE 293198----------	20 daughters-	23	6,923	5.1	350
Born, 6-7-40; proved, 8-19-48;----; Pa.	6 daughters--	7	6,934	5.2	363
Sire, 180412; dam, 411786.	6 dams-------	27	7,117	4.8	340
Herd Owner, Charles A. Hayden, Monongahela.	Difference---	(2-6-4)	-183	+.4	+23
LONGBARN BUSTER 270478----------	7 daughters--	10	7,963	4.3	343
Born, 10-12-38; proved, 8-9-48; dead; Mich.	7 dams-------	16	9,319	4.8	449
Sire, 146822; dam, 404606.	Difference---	(0-2-0)	-1,356	-.5	-106
Herd Owner, Longbarn Farm, Romeo.					
LUCILLE'S REX OF FOUR VIEW 307032----------	5 daughters--	6	11,642	5.0	577
Born, 12-12-40; proved, 8-18-48;----; Iowa.	5 dams-------	11	9,721	4.9	472
Sire, 212158; dam, 645858.	Difference---	(4-3-4)	+1,921	+.1	+105
Herd Owner, Carl Lueder, Fayette.					
LUXERIN WATCHFUL 307191----------	8 daughters--	8	8,736	4.6	399
Born, 5-10-41; proved, 8-23-48;----; Mich.	6 daughters--	6	8,861	4.5	399
Sire, 209211; dam, 489129.	6 dams-------	11	7,730	4.6	357
Herd Owner, Maria Perander, Pelkie.	Difference---	(5-4-5)	+1,131	-.1	+42
MAPLE CREST FERDINAND 272109----------	10 daughters-	10	5,815	5.1	297
Born, 10-17-38; proved, 8-11-48;----; Wis.	8 daughters--	8	6,035	5.2	314
Sire, 224997; dam, 361748.	8 dams-------	11	7,444	4.7	351
Herd Owner, D. F. Gates, Amherst.	Difference---	(2-6-4)	-1,409	+.5	-37
MAPLEWOOD DEMONSTRATOR 249644----------	11 daughters-	14	7,378	5.1	373
Born, 12-25-36; proved, 8-2-48; dead; N. Y.	9 daughters--	11	7,404	5.0	373
Sire, 203239; dam, 391187.	9 dams-------	24	6,924	5.0	344
Herd Owner, Ray D. Piper, Skaneateles.	Difference---	(6-7-5)	+480	.0	+29
MASTERFUL'S REX OF HILLSIDE 254567 *11----------	18 daughters-	52	7,373	4.9	360
Born, 10-13-37; proved, 8-3-48;----; Pa.	16 daughters-	48	7,521	4.9	365
Sire, 207765; dam, 274091.	16 dams------	72	8,075	4.7	378
Herd Owner, Levi K. Sollenberger, Curryville.	Difference---	(5-11-9)	-554	+.2	-13
MAXIM OF PRAIRIE BLOOM 284498----------	12 daughters-	17	8,844	4.8	428
Born, 2-20-40; proved, 8-31-48;----; Oreg.	7 daughters--	9	8,751	4.9	426
Sire, 256897; dam, 440552.	7 dams-------	12	8,541	4.6	397
Herd Owner, Cersovski Brothers, Harrisburg.	Difference---	(5-5-6)	+210	+.3	+29

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MAYWOOD FORESTER 308411----------	8 daughters--	10	6,296	[illegible]	[illegible]
Born, 7-6-40; proved, 8-23-48;----; Pa.	8 dams-------	22	5,920	5.1	[illegible]
Sire, 204887; dam, 476246.	Difference---	(6-4-5)	+376	-.1	+1[illegible]
Herd Owner, Daniel Bosch, Montoursville.					
MCDONALD FARMS DICTATOR 267271----------	11 daughters-	16	7,353	4.6	341
Born, 8-14-38; proved, 8-4-48; dead; Md.	11 dams------	55	7,477	4.6	344
Sire, 212227; dam, 381986.	Difference---	(5-6-5)	-124	.0	-3
Herd Owner, J. Herbert Snyder, Union Bridge.					
MCDONALD FARMS EDWIN 281273----------	16 daughters-	25	8,567	5.0	430
Born, 10-6-39; proved, 8-23-48; dead; N. Y.	15 daughters-	24	8,660	5.0	434
Sire, 262516; dam, 506958.	15 dams------	51	8,438	4.9	416
Herd Owner, G. Herbert Allen Estate, Salt Point.	Difference---	(9-12-9)	+222	+.1	+18
MCDONALD FARMS FAIRFAX 293919----------	15 daughters-	16	9,657	5.1	489
Born, 6-7-40; proved, 8-23-48;----; N. Y.	7 daughters--	7	9,426	5.0	472
Sire, 212227; dam, 410869.	7 dams-------	7	8,645	4.8	412
Herd Owner, R. B. Titus & Sons, Wyoming.	Difference---	(4-5-6)	+781	+.2	+60
MONARCH'S GLENWOOD'S MAJESTY 269868----------	9 daughters--	11	9,163	5.1	468
Born, 6-2-38; proved, 8-9-48;----; Wis.	7 daughters--	8	9,378	5.0	473
Sire, 245978; dam, 336846.	7 dams-------	16	10,251	5.0	508
Herd Owner, Harvey Lurvey & Sons, Dousman.	Difference---	(2-4-2)	-873	.0	-35
MONARCH'S PHILOSOPHER 280796----------	9 daughters--	9	7,536	4.9	368
Born, 7-17-39; proved, 8-16-48;----; Wis.	6 daughters--	6	7,009	4.9	343
Sire, 215580; dam, 386404.	6 dams-------	12	8,570	4.7	403
Herd Owner, Fox's Guernsey Dairy, Waukesha.	Difference---	(1-4-1)	-1,561	+.2	-60
MONARCH'S PRINCE JERRY 282233----------	10 daughters-	21	7,800	5.4	425
Born, 10-1-39; proved, 8-25-48;----; Wis.	10 dams------	46	9,390	4.8	452
Sire, 215580; dam, 565045.	Difference---	(1-10-2)	-1,590	+.6	-27
Herd Owner, Walter Matthys, Barron.					
MONARCH'S PRINCE REX 280797----------	15 daughters-	16	7,160	4.9	350
Born, 9-14-39; proved, 8-16-48;----; Wis.	6 daughters--	7	7,208	4.9	354
Sire, 215580; dam, 380211.	6 dams-------	7	7,883	4.7	369
Herd Owner, Leslie Wunsch, Sheboygan.	Difference---	(2-4-3)	-675	+.2	-15
MOONLIGHT KING OF FAHRNWALD 293240----------	6 daughters--	6	7,902	4.4	345
Born, 10-14-38; proved, 8-18-48;----; Wis.	5 daughters--	5	7,631	4.2	319
Sire, 226774; dam, 279330.	5 dams-------	13	7,846	4.9	385
Herd Owner, Fahrnwald Farm, Oshkosh.	Difference---	(1-0-1)	-215	-.7	-66
MT. ARARAT'S CHALLENGER'S ACME 303543----------	8 daughters--	9	7,087	4.9	345
Born, 6-3-41; proved, 8-19-48;----; Md.	6 daughters--	6	7,454	4.9	363
Sire, 214064; dam, 531851.	6 dams-------	9	7,284	4.8	347
Herd Owner, George V. Balte & Son, Reisterstown.	Difference---	(4-3-3)	+170	+.1	+16
NELLA'S KING JAY OF HIGH VIEW 280122----------	14 daughters-	27	7,267	5.3	386
Born, 6-7-39; proved, 8-24-48;----; Va.	9 daughters--	19	7,633	5.3	407
Sire, 227076; dam, 180497.	9 dams-------	27	7,678	4.6	354
Herd Owner, Mrs. E. B. Agnew & Sons, Burkeville.	Difference---	(3-9-7)	-45	+.7	+53
NEW HOPE LEADER'S LATINEER 295346----------	14 daughters-	19	7,243	4.4	319
Born, 10-18-40; proved, 8-23-48;----; Iowa.	6 daughters--	7	7,537	4.4	332
Sire, 224443; dam, 243790.	6 dams-------	19	8,683	4.3	369
Herd Owner, E. L. Swartzendruber, Wellman.	Difference---	(2-4-2)	-1,146	+.1	-37
NIPPORSINK NOBLE SLOGAN 274051----------	14 daughters-	14	7,540	4.8	359
Born, 10-4-38; proved, 8-19-48;----; Wis.	10 daughters-	10	7,916	4.7	376
Sire, 215266; dam, 434848.	10 dams------	12	7,478	5.0	370
Herd Owner, Martin J. Steffanus, Custer.	Difference---	(6-2-4)	+438	-.3	+6
NITTANY MEADOWS BEAU GESTE 260450----------	7 daughters--	11	8,705	4.7	406
Born, 11-30-37; proved, 8-2-48;----; Pa.	5 daughters--	6	8,191	4.8	392
Sire, 182429; dam, 483855.	5 dams-------	14	8,765	4.9	426
Herd Owner, Rev. H. E. Woods, Transfer.	Difference---	(2-2-1)	-574	-.1	-34
N J E S STRONGHEART EDNA KING 319704----------	7 daughters--	9	8,950	5.0	445
Born, 4-12-41; proved, 8-31-48;----; Pa.	7 dams-------	12	8,661	4.8	415
Sire, 245488; dam, 445950.	Difference---	(4-4-4)	+289	+.2	+30
Herd Owner, Bell Gate Farm, Coopersburg.					
NODROG GOLDEN 307031----------	5 daughters--	7	7,992	4.9	389
Born, 10-19-40; proved, 8-18-48;----; Pa.	5 dams-------	24	9,526	4.9	468
Sire, 252156; dam, 424582.	Difference---	(1-2-0)	-1,534	.0	-79
Herd Owner, John B. Brooks, Harbor Creek.					
OLD FARMSTEAD VICAR 302114----------	9 daughters--	11	7,493	4.9	367
Born, 12-31-40; proved, 8-4-48;----; Iowa.	9 dams-------	37	6,938	4.9	341
Sire, 277048; dam, 509595.	Difference---	(4-6-5)	+555	.0	+26
Herd Owner, James H. Creswell, Reinbeck.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OWENDALE'S PURITAN 281414----------	6 daughters--	13	7,876	5.0	395
Born, 10-3-39; proved, 8-5-48;----; Wis.	5 daughters--	10	7,919	5.0	398
Sire, 222016; dam, 381710.	5 dams-------	15	7,725	5.0	388
Herd Owner, David Owen, Mukwonago.	Difference---	(2-2-3)	+194	.0	+10
PANSY'S DUKE OF EAGLE POINT 260291----------	6 daughters--	7	8,712	4.7	406
Born, 4-20-37; proved, 8-2-48;----; Wis.	6 dams-------	12	7,171	4.4	317
Sire, 218378; dam, 295818.	Difference---	(5-5-5)	+1,541	+.3	+89
Herd Owner, William H. Barnes & Sons, New Lisbon.					
PARKER'S VIEW GEM'S HORNET 256847----------	6 daughters--	10	7,660	4.8	368
Born, 9-14-37; proved, 8-11-48;----; Pa.	5 daughters--	7	7,878	4.8	375
Sire, 210014; dam, 294245.	5 dams-------	21	8,852	4.9	436
Herd Owner, Paul S. McFarland, Shelocta.	Difference---	(2-3-1)	-974	-.1	-61
PENN VILLA'S LATHROP 244115----------	10 daughters-	10	8,238	4.9	403
Born, 9-25-36; proved, 8-23-48;----; W. Va.	10 dams------	19	6,876	4.9	335
Sire, 206454; dam, 366559.	Difference---	(9-5-8)	+1,362	.0	+68
Herd Owner, M. J. Kalar, Parkersburg.					
PERMINO OF DELPHI DELL 304914----------	10 daughters-	21	8,968	4.9	437
Born, 1-24-40; proved, 8-17-48;----; Wash.	7 daughters--	16	9,514	4.8	460
Sire, 247460; dam, 457615.	7 dams-------	38	9,176	4.8	444
Herd Owner, Meyer Brothers, Olympia.	Difference---	(5-4-6)	+338	.0	+16
PLEASANT VALLEY SPLENDOR 317038----------	6 daughters--	8	8,426	5.0	419
Born, 7-10-41; proved, 8-9-48; dead; Iowa.	6 dams-------	17	8,969	4.7	418
Sire, 199294; dam, 685401.	Difference---	(2-5-4)	-543	+.3	+1
Herd Owner, A. B. & Ethel Freie, Alexander.					
PRADERA LA NOCE LADDIE 271276----------	7 daughters--	21	8,936	4.7	417
Born, 2-22-38; proved, 8-10-48;----; Ind.	7 dams-------	39	8,597	4.8	410
Sire, 204515; dam, 452959.	Difference---	(4-4-4)	+339	-.1	+7
Herd Owner, Arthur B. Horton, Valparaiso.					
PREMIER BONNIE BOY 277531----------	5 daughters--	10	8,581	5.0	427
Born, 3-24-39; proved, 8-13-48;----; Mich.	5 dams-------	22	8,894	.4.9	439
Sire, 232936; dam, 308451.	Difference---	(3-3-3)	-313	+.1	-12
Herd Owner, Premier Farms, Rochester.					
PREMIER'S GOLDEN OF WOODEND 274569----------	7 daughters--	8	7,991	4.6	367
Born, 6-3-39; proved, 8-16-48;----; Minn.	5 daughters--	5	8,961	4.6	411
Sire, 219703; dam, 392876.	5 dams-------	7	7,551	5.4	411
Herd Owner, William Rechtzigel, South St. Paul.	Difference---	(3-1-2)	+1,410	-.8	0
PRINCE BOY OF MELVINDALE 272586----------	6 daughters--	8	9,109	4.9	445
Born, 11-3-38; proved, 8-9-48;----; Ill.	5 daughters--	7	9,026	4.8	438
Sire, 244240; dam, 437633.	5 dams-------	8	9,841	4.4	433
Herd Owner, Thomas McLuckie, Coal City.	Difference---	(2-5-3)	-815	+.4	+5
PRINCE HAL OF ROSEGILL 209354----------	6 daughters--	19	7,987	5.1	407
Born, 1-21-33; proved, 8-5-48;----; Va.	5 daughters--	15	7,797	5.1	396
Sire, 166719; dam, 338942.	5 dams-------	15	8,120	4.9	395
Herd Owner, W. S. Dickinson, Fredericksburg.	Difference---	(2-4-4)	-323	+.2	+1
PRINCE LURVALE 281810----------	9 daughters--	24	6,653	5.0	336
Born, 10-9-37; proved, 8-5-48;----; Wis.	7 daughters--	18	6,676	5.2	344
Sire, 215580; dam, 269871.	7 dams-------	23	7,292	4.9	361
Herd Owner, William J. Smith & Son, Galesville.	Difference---	(1-6-2)	-616	+.3	-17
QUAIL ROOST EMINENT CAVALIER 259191----------	11 daughters-	14	8,159	4.9	396
Born, 3-14-38; proved, 8-6-48; alive; Va.	6 daughters--	7	7,388	4.9	361
Sire, 215832; dam, 534368.	6 dams-------	14	8,145	5.1	418
Herd Owner, E. T. Willis, Culpeper.	Difference---	(2-2-2)	-757	-.2	-57
QUAIL ROOST EMINENT MODEL 278808 *12----------	17 daughters-	25	7,984	4.7	374
Born, 8-13-39; proved, 8-13-48;----; Va.	17 dams------	29	6,255	4.7	291
Sire, 215832; dam, 407850.	Difference---	(15-11-15)	+1,729	.0	+83
Used in Southeastern A. B. A., N. C.					
QUAIL ROOST MAXIM'S GIFT 245257----------	6 daughters--	8	8,408	4.8	400
Born, 6-1-36; proved, 8-30-48;----; N. C.	6 dams-------	15	8,012	4.7	375
Sire, 104016; dam, 330601.	Difference---	(3-4-4)	+396	+.1	+25
Herd Owner, F. E. Lykes, Arden.					
QUAIL ROOST PERFECT PRINCE 260359----------	26 daughters-	29	7,852	4.9	385
Born, 10-18-37; proved, 8-10-48; dead; Va.	9 daughters--	9	7,586	5.0	380
Sire, 209991; dam, 407850.	9 dams-------	11	8,810	4.7	413
Herd Owner, W. T. Smith, Lincoln.	Difference---	(3-7-3)	-1,224	+.3	-33
QUEEN'S BUSTER OF HILLSIDE FARM 281528----------	7 daughters--	14	7,180	5.0	360
Born, 12-27-38; proved, 8-19-48;----; Wis.	7 dams-------	15	7,787	5.0	387
Sire, 241517; dam, 443002.	Difference---	(3-5-4)	-607	.0	-27
Herd Owner, John A. Pritzl, Cato.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RAEMELTON CORKING DOMINANT 280118----------	5 daughters--	7	8,653	4.8	416
Born, 5-30-39; proved, 8-13-48;----; Ohio.	5 dams-------	18	8,853	4.8	426
Sire, 244893; dam, 359567.	Difference---	(2-3-2)	-200	.0	-10
Herd Owner, Walter Hickok, Ostrander.					
RANCHO RONNEY 256112----------	18 daughters-	21	7,093	4.6	324
Born, 3-8-37; proved, 8-18-48;----; Wis.	13 daughters-	16	7,360	4.5	334
Sire, 217059; dam, 407641.	13 dams------	27	8,466	4.5	384
Herd Owner, Lee Oleson, Boscobel.	Difference---	(4-8-3)	-1,106	.0	-50
RANCHO SINGER 256137----------	8 daughters--	9	8,561	4.4	378
Born, 10-20-37; proved, 8-13-48;----; Wis.	7 daughters--	8	8,562	4.3	372
Sire, 238148; dam, 400210.	7 dams-------	13	7,728	4.6	352
Herd Owner, Henry Steinhoff Estate, Wilton.	Difference---	(5-3-4)	+834	-.3	+20
REGENT'S PAT OF GUSANNA 265461----------	13 daughters-	17	7,755	4.9	382
Born, 4-22-38; proved, 8-2-48;----; Wis.	9 daughters--	13	7,224	5.0	359
Sire, 230929; dam, 421750.	9 dams-------	21	7,904	4.8	378
Herd Owner, Henry Steinhoff Estate, Wilton.	Difference---	(3-6-2)	-680	+.2	-19
REVILO BUSTER 263076----------	10 daughters-	15	7,129	5.0	353
Born, 7-1-38; proved, 8-10-48;----; Wash.	5 daughters--	7	7,043	4.9	346
Sire, 231281; dam, 480931.	5 dams-------	10	8,140	4.5	365
Herd Owner, R. E. Nerbovig, Sequim.	Difference---	(2-5-2)	-1,097	+.4	-19
REX'S RAIDER'S BOB 258717----------	5 daughters--	12	3,151	5.1	418
Born, 9-25-37; proved, 8-2-48; dead; N.Y.	5 dams-------	30	8,976	5.0	445
Sire, 224511; dam, 449951.	Difference---	(2-4-2)	-825	+.1	-27
Herd Owner, William M. Taylor, Albany.					
RIDGLYDALE'S TYRONE PRIDE 271004----------	7 daughters--	19	6,610	5.1	338
Born, 6-14-38; proved, 8-4-48;----; Ill.	5 daughters--	13	6,577	4.9	323
Sire, 243994; dam, 531961.	5 dams-------	16	8,038	5.2	418
Herd Owner, Ben Schad & Son, Belleville.	Difference---	(1-0-0)	-1,461	-.3	-95
RIEGELDALE EMORY'S CHALLENGER 299341----------	10 daughters-	14	8,214	5.3	433
Born, 1-26-40; proved, 8-24-48;----; Ind.	8 daughters--	11	7,983	5.2	416
Sire, 254801; dam, 525542.	8 dams-------	24	8,451	5.1	434
Herd Owner, Orchard Lawn Farm, Muncie.	Difference---	(3-5-4)	-468	+.1	-18
RIVER RANCH CRUSADER 271119----------	23 daughters-	35	8,106	4.5	364
Born, 11-13-38; proved, 8-6-48;----; Calif.	21 daughters-	31	8,323	4.5	374
Sire, 187619; dam, 435208.	21 dams------	57	8,016	4.1	329
Herd Owner, Inderkum's Dairy, Sacramento.	Difference---	(12-16-17)	+307	+.4	+45
ROCK CREEK FORESTER 260780----------	7 daughters--	12	7,608	4.8	363
Born, 11-5-37; proved, 8-2-38;----; N. J.	6 daughters--	11	7,895	4.8	375
Sire, 178776; dam, 363633.	6 dams-------	13	8,705	4.8	418
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference---	(3-3-1)	-810	.0	-43
ROSEDENE'S KING CAESAR 304346----------	8 daughters--	11	7,630	4.9	375
Born, 1-28-41; proved, 8-10-48;----; Wis.	7 daughters--	10	7,683	4.9	379
Sire, 268353; dam, 393707.	7 dams-------	25	8,375	4.6	389
Herd Owner, Arthur Cohrs, Merrill.	Difference---	(3-6-3)	-692	+.3	-10
ROSE'S JUDGE OF SUNNYBROOK 320102----------	10 daughters-	14	8,835	4.8	427
Born, 8-27-40; proved, 8-27-48;----; Iowa.	9 daughters--	12	8,602	4.9	420
Sire, 264760; dam, 322254.	9 dams-------	32	8,260	4.5	374
Herd Owner, J. Chris Bodensteiner, Ossian.	Difference---	(6-8-7)	+342	+.4	+46
ROSSMONT VERA'S MERRYMAKER 272791----------	16 daughters-	18	7,466	5.0	371
Born, 11-1-38; proved, 8-10-48;----; Va.	12 daughters-	14	7,482	4.9	370
Sire, 209993; dam, 502212.	12 dams------	32	8,507	4.6	393
Herd Owner, I. H. Huff, Glade Spring.	Difference---	(3-9-4)	-1,025	+.3	-23
ROYAL'S ROSE POINT LAD 295013----------	11 daughters-	17	6,870	4.9	335
Born, 4-14-39; proved, 8-30-48;----; Pa.	7 daughters--	10	6,965	4.9	338
Sire, 240476; dam, 352386.	7 dams-------	24	7,265	5.0	361
Herd Owner, Clarence F. Gardner, Slippery Rock.	Difference---	(3-3-2)	-300	-.1	-23
ROYAL SUPERB 268335----------	9 daughters--	10	8,690	4.5	390
Born, 7-13-38; proved, 8-9-48; alive; Mo.	7 daughters--	7	8,942	4.6	410
Sire, 221531; dam, 410579.	7 dams-------	10	9,081	4.5	410
Herd Owner, J. C. Penney, Gallatin.	Difference---	(4-4-4)	-139	+.1	0
ROZELYN LAURENCE 268070----------	17 daughters-	40	7,685	4.7	364
Born, 11-28-37; proved, 8-2-48;----; Wash.	7 daughters--	12	7,652	4.7	359
Sire, 232653; dam, 448827.	7 dams-------	27	7,891	4.6	364
Herd Owner, E. B. Jacobson & G. C. Digerness, Sumas.	Difference---	(3-4-3)	-239	+.1	-5
SAM OF HICKORY RIDGE 295465----------	5 daughters--	5	6,219	4.9	302
Born, 5-29-40; proved, 8-20-48;----; Pa.	5 dams-------	15	7,253	4.3	314
Sire, 259566; dam, 494757.	Difference---	(1-5-2)	-1,034	+.6	-12
Herd Owner, K. F. Anderson, Kerrmoor.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SAVAGE FARM'S SPORT 265721----------	10 daughters-	12	8,026	4.6	370
Born, 4-29-38; proved, 8-9-48;----; Va.	10 dams------	28	7,219	5.0	361
Sire, 193478; dam, 450943.	Difference---	(6-1-6)	+807	-.4	+9
Herd Owner, Luck Brothers, Ashland.					
SCOTT BERT 325370----------	11 daughters-	16	6,512	4.6	300
Born, 12-27-40; proved, 8-2-48;----; Wis.	11 dams------	33	7,580	4.7	354
Sire, 272678; dam, 515958.	Difference---	(0-5-2)	-1,068	-.1	-54
Used in Central Minnesota A. B. A., Minn.					
SCOTTY OF THREE MAPLES 262190----------	10 daughters-	19	7,834	4.8	378
Born, 4-2-38; proved, 8-3-48; dead; N. Y.	5 daughters--	9	7,273	4.8	351
Sire, 216443; dam, 361848.	5 dams-------	8	8,465	4.4	371
Herd Owner, Huston Brothers, Valois.	Difference---	(1-4-1)	-1,192	+.4	-20
SECRET OF FOX DEAN 257166----------	6 daughters--	7	8,335	4.6	386
Born, 1-25-38; proved, 8-11-48;----; Va.	6 dams-------	25	7,537	5.1	385
Sire, 193735; dam, 223360.	Difference---	(5-2-2)	+798	-.5	+1
Herd Owner, Bayville Farms, Lynnhaven.					
SHELDEGREN DORANDER 283662----------	5 daughters--	6	6,938	5.3	371
Born, 9-16-39; proved, 8-16-48; dead; Mass.	5 dams-------	23	7,412	5.2	383
Sire, 217937; dam, 485461.	Difference---	(1-3-2)	-474	+.1	-12
Herd Owner, Sheldegren Farm, Greenfield.					
SHERWOOD FOREST MAGOG 261389----------	6 daughters--	6	7,399	4.7	345
Born, 2-8-38; proved, 8-2-48;----; Va.	6 dams-------	19	6,245	4.7	296
Sire, 201462; dam, 371448.	Difference---	(5-4-5)	+1,154	.0	+49
Herd Owner, W. S. Green, Crewe.					
SHERWOOD FOREST MODEL MEMNON 277715----------	16 daughters-	19	6,332	4.6	293
Born, 7-8-39; proved, 8-10-48;----; Va.	8 daughters--	9	6,246	4.6	286
Sire, 201462; dam, 335098.	8 dams-------	16	5,758	4.8	275
Herd Owner, Owatunka Dairy, Keswick.	Difference---	(5-3-4)	+488	-.2	+11
SIMEON OF SACHEM SPRINGS 263451----------	7 daughters--	10	7,198	4.4	318
Born, 12-31-36; proved, 8-6-48;----; Mass.	7 dams-------	32	6,593	4.7	308
Sire, 220998; dam, 373451.	Difference---	(5-2-4)	+605	-.3	+10
Herd Owner, Ernest S. Pratt, Middleboro.					
SLOGAN'S PRINCE CHARMING 294122----------	20 daughters-	20	7,272	4.9	360
Born, 9-2-40; proved,8-31-48;----; Wis.	19 daughters-	19	7,242	5.0	359
Sire, 235630; dam, 582647.	19 dams------	47	8,654	4.9	421
Herd Owner, Gilbert Tomfohrde, Arpin.	Difference---	(4-12-4)	-1,412	+.1	-62
SOLDIER'S RIVERSIDE CHAMPION 283211----------	5 daughters--	7	6,717	4.0	270
Born, 8-20-39; proved, 8-17-48;----; Mich.	5 dams-------	26	7,881	4.2	334
Sire, 250940; dam, 398593.	Difference---	(2-2-1)	-1,164	-.2	-64
Herd Owner, Waino Sulliin, Ironwood.					
SOONER FORTUNE'S RIVET 295363----------	12 daughters-	19	5,916	5.3	314
Born, 8-24-40; proved, 8-30-48;----; Kans.	12 dams------	29	5,872	5.0	291
Sire, 236967; dam, 559366.	Difference---	(7-9-8)	+44	+.3	+23
Herd Owner, Alva L. Shadwick, Carlyle.					
SOPHIA'S PROGRESS 279494----------	9 daughters--	13	6,932	4.6	319
Born, 9-26-38; proved, 8-9-48; dead; Mich.	7 daughters--	10	6,909	4.6	319
Sire, 264888; dam, 564695.	7 dams-------	11	6,736	4.5	302
Herd Owner, Russell Waterman, Gobles.	Difference---	(2-6-4)	+173	+.1	+17
SPAP [illegible] KING OF WHITE PLAINS 306475----------	20 daughters-	30	8,130	4.8	388
Born, 2-21-41; proved, 8-31-48;----; Pa.	14 daughters-	21	8,083	4.8	389
Sire, 236860; dam, 409750.	14 dams------	50	8,586	4.9	418
Herd Owner, Lewis E. Shoemaker & Sons, Kirkwood.	Difference---	(6-7-6)	-503	-.1	-29
SPRUCE SHADOWS CORONATION HEIR 302977----------	6 daughters--	7	6,478	4.8	313
Born, 6-13-41; proved, 8-5-48;----; Wis.	6 dams-------	19	6,480	4.8	313
Sire, 259502; dam, 557273.	Difference---	(3-3-2)	-2	.0	0
Herd Owner, Charles J. Mitchell, Waukesha.					
SUN BLEST'S ROYAL SHAWNEE 307176----------	5 daughters--	7	7,971	4.9	389
Born, 6-25-41; proved, 8-19-48;----; Ohio.	5 dams-------	10	7,921	4.7	376
Sire, 267165; dam, 554521.	Difference---	(3-3-3)	+50	+.2	+13
Herd Owner, C. C. Bowen & Son, Spencerville.					
SUNNY LEA'S SONNY BOY 257674----------	6 daughters--	9	8,844	4.5	399
Born, 5-29-37; proved, 8-12-48;----; Wis.	5 daughters--	8	8,515	4.6	392
Sire, 212753; dam, 398603.	5 dams-------	17	8,352	4.9	406
Herd Owner, Charles Nelson & Sons, Dousman.	Difference---	(3-2-3)	+163	-.3	-14
TABERETTESON OF BLUE VISTA 259713----------	13 daughters-	23	6,979	5.0	352
Born, 10-22-37; proved, 8-16-48; dead; N. Y.	8 daughters--	15	7,024	5.0	354
Sire, 161498; dam, 236027.	8 dams-------	26	7,638	4.9	373
Herd Owner, Marcus Butler Estate, Perry.	Difference---	(2-5-4)	-614	+.1	-19

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TARBELL FARMS ROYAL GUARDSMAN 275730----------	12 daughters-	12	7,130	5.2	373
Born, 1-11-39; proved, 8-18-48;----; Pa.	10 daughters-	10	6,970	5.3	370
Sire, 130308; dam, 385355.	10 dams------	27	7,878	5.0	393
Herd Owner, P. F. Fleming, Granville Summit.	Difference---	(4-8-4)	-908	+.3	-23
VALLEYWOOD CAVALIER 281306----------	14 daughters-	27	8,120	4.7	380
Born, 9-21-39; proved, 8-3-48;----; Pa.	9 daughters--	17	8,428	4.6	391
Sire, 235690; dam, 505866.	9 dams-------	15	7,419	4.8	354
Herd Owner, J. Norton Kruger Estate, Carlisle.	Difference---	(6-4-7)	+1,009	-.2	+37
VALLEYWOOD ROYAL MASTER 256098----------	5 daughters--	12	7,090	4.9	346
Born, 1-2-37; proved, 8-12-48;----; Va.	5 dams-------	25	6,893	5.1	354
Sire, 135201; dam, 168038.	Difference---	(4-1-2)	+197	-.2	-8
Herd Owner, B. Briel, Richmond.					
VIKING'S GOLDDROP OF CLOVER GLEN 281073----------	10 daughters-	13	7,077	5.2	369
Born, 11-14-38; proved, 8-3-48; dead; Minn.	5 daughters--	6	6,754	5.2	349
Sire, 225497; dam, 322038.	5 dams-------	17	6,575	5.2	339
Herd Owner, Andrew T. Hoverstad, Dennison.	Difference---	(1-3-1)	+179	.0	+10
WALNUT CREST GOV.'S ROBINHOOD 306969----------	10 daughters-	11	8,796	4.8	418
Born, 4-23-41; proved, 8-19-48;----; Maine.	8 daughters--	9	8,964	4.8	432
Sire, 255356; dam, 429932.	8 dams-------	20	8,253	5.0	412
Herd Owner, Mr. & Mrs. Fred Campbell, Gorham.	Difference---	(5-4-6)	+711	-.2	+20
WALNUT GROVE JUPITER 301051----------	13 daughters-	18	10,526	5.3	561
Born, 3-25-41; proved, 8-10-48;----; Pa.	6 daughters--	8	10,238	5.4	550
Sire, 252761; dam. 384740.	6 dams-------	11	11,387	5.2	587
Herd Owner, J. C. & E. H. McSparran, Drumore.	Difference---	(1-4-2)	-1,149	+.2	-37
WERN'S MUIROC'S PRINCE 282730----------	24 daughters-	33	9,634	4.8	462
Born, 1-24-40; proved, 8-17-48;----; Wis.	14 daughters-	20	9,202	4.8	440
Sire, 197139; dam, 580571.	14 dams------	34	7,470	4.6	346
Herd Owner, William H. Barnes & Sons, New Lisbon.	Difference---	(11-10-12)	+1,732	+.2	+94
WESTERN GLOW BENEDICT 307877----------	9 daughters--	11	7,931	5.0	400
Born, 6-11-41; proved, 8-18-48;----; Wash.	9 dams-------	28	8,005	4.8	387
Sire, 274206; dam, 605026.	Difference---	(5-6-5)	-74	+.2	+13
Herd Owner, Ray Dealy, Bow.					
WESTERN GLOW IMPERIAL 297700----------	9 daughters--	13	10,142	4.9	494
Born, 9-1-40; proved, 8-31-48;----; Wash.	7 daughters--	11	10,184	4.9	496
Sire, 272206; dam, 505411.	7 dams-------	34	9,199	5.0	463
Herd Owner, Herbert V. Ekstran, Bow.	Difference---	(4-2-6)	+985	-.1	+33
WESTERN GLOW MARY'S BUTTERFAT 267190----------	12 daughters-	34	8,027	5.1	406
Born, 6-23-38; proved, 8-16-48;----; Wash.	8 daughters--	19	7,967	5.0	402
Sire, 218620; dam, 338557.	8 dams-------	21	8,590	4.9	417
Herd Owner, Chester Nelson, Mount Vernon.	Difference---	(2-6-3)	-623	+.1	-15
WESTERN GLOW PRINCE BUTTERFAT 273493----------	8 daughters--	10	10,565	4.7	501
Born, 2-8-39; proved, 8-12-48; dead; Idaho.	6 daughters--	7	10,652	4.8	509
Sire, 218620; dam, 372833.	6 dams-------	15	10,955	4.4	485
Herd Owner, L. C. Freer, Burley.	Difference---	(2-4-4)	-303	+.4	+24
WETHERSFIELD FOREMOST 253209----------	9 daughters--	9	8,610	4.6	392
Born, 1-14-37; proved, 8-11-48;----; Mass.	7 daughters--	7	7,924	4.8	383
Sire, 67827; dam, 403225.	7 dams-------	14	8,261	4.6	383
Herd Owner, Wataquadock Farm, Bolton.	Difference---	(3-6-3)	-337	+.2	0
WEY ACRES PRIDE'S GRANDEE 282753----------	25 daughters-	59	8,680	4.5	387
Born, 1-27-39; proved, 8-23-48;----; Wis.	16 daughters-	36	8,641	4.5	391
Sire, 227277; dam, 516968.	16 dams------	54	7,577	4.7	354
Herd Owner, Louis J. Greenebaum, Pewaukee.	Difference---	(11-8-12)	+1,064	-.2	+37
WHITE OAK NOBLE DEFENDER 281669----------	6 daughters--	11	7,462	5.3	397
Born, 3-20-39; proved, 8-5-48;----; Md.	6 dams-------	23	7,164	5.2	372
Sire, 181961; dam, 359505.	Difference---	(4-5-3)	+298	+.1	+25
Herd Owner, Earl D. Beard, Westminster.					
WILHAVEN PRINCE DELANO 299656----------	7 daughters--	11	8,032	4.8	388
Born, 12-16-39; proved, 8-2-48;----; Pa.	7 dams-------	39	8,003	4.8	384
Sire, 228776; dam, 359326.	Difference---	(4-4-3)	+29	.0	+4
Herd Owner, C. P. Minner, Pulaski.					
WILLOWBROOK ROYAL HEROD 275606----------	6 daughters--	14	7,072	4.8	339
Born, 1-3-38; proved, 8-10-48;----; Mich.	5 daughters--	11	7,316	4.7	342
Sire, 231669; dam, 342806.	5 dams-------	12	7,817	4.8	377
Herd Owner, Cooley Brothers, Hudson.	Difference---	(2-2-1)	-501	-.1	-35
WILLOWMERE VILLAIN 304017----------	7 daughters--	9	5,999	5.4	323
Born, 2-4-41; proved, 8-4-48; dead; Va.	6 daughters--	8	5,939	5.4	318
Sire, 268511; dam, 542689.	6 dams-------	18	7,786	5.0	386
Herd Owner, Black Oak Farm, Purcellville.	Difference---	(2-5-2)	-1,847	+.4	-68

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WOODSIDE B. QUEEN'S MAJESTY 259566----------	5 daughters--	11	6,584	4.9	322
Born, 1-14-38; proved, 8-10-48;----; Md.	5 dams-------	20	6,577	5.1	333
Sire, 206803; dam, 234041.	Difference---	(2-3-2)	+7	-.2	-11
Herd Owner, Louis E. Grab & Sons, Hagerstown.					
31-A3300 (DHIA EARTAG)----------	7 daughters--	20	7,314	4.8	354
Born, ----; proved, 8-23-48;----; Ohio.	6 daughters--	19	7,576	4.9	368
Sire, ----; dam, ----.	6 dams-------	59	7,531	5.5	417
Herd Owner, O. H. Pollock, Delaware.	Difference---	(3-0-1)	+45	-.6	-49
35*DV27666 (BANGS OR TB EARTAG)----------	9 daughters--	22	6,307	5.0	314
Born, ----; proved, 8-13-48;----; Wis.	5 daughters--	11	6,509	4.7	309
Sire, ----; dam, ----.	5 dams-------	18	6,347	4.7	296
Herd Owner, Ed Day, Hudson.	Difference---	(3-4-2)	+162	.0	+13
35*EC31787 (BANGS OR TB EARTAG)----------	6 daughters--	12	7,618	4.7	361
Born, ----; proved, 8-23-48;----; Wis.	5 daughters--	11	8,275	4.7	389
Sire, ----; dam, ----.	5 dams-------	15	8,049	4.6	368
Herd Owner, H. A. Topper, Wausau.	Difference---	(3-3-2)	+226	+.1	+21
35*HD33282 (BANGS OR TB EARTAG)----------	10 daughters-	12	5,617	4.7	262
Born, ----; proved, 8-13-48;----; Wis.	6 daughters--	7	5,166	4.8	245
Sire, ----; dam, ----.	6 dams-------	8	6,185	4.6	281
Herd Owner, Alvin Pierrard, Kennan.	Difference---	(2-4-1)	-1,019	+.2	-36
35*EC34668 (BANGS OR TB EARTAG)----------	7 daughters--	14	6,083	4.9	297
Born, ----; proved, 8-24-48;----; Wis.	6 daughters--	12	6,005	4.9	295
Sire, ----; dam, ----.	6 dams-------	13	7,399	4.7	346
Herd Owner, Emil Kado, Spring Valley.	Difference---	(0-5-1)	-1,394	+.2	-51
35*HE37812 (BANGS OR TB EARTAG)----------	8 daughters--	12	7,038	4.8	335
Born, ----; proved, 8-13-48;----; Wis.	5 daughters--	8	6,952	4.7	330
Sire, ----; dam, ----.	5 dams-------	15	8,369	4.6	388
Herd Owner, Lloyd Nehring, Taylor.	Difference---	(1-3-2)	-1,417	+.1	-58
91*BM24374 (BANGS OR TB EARTAG)----------	7 daughters--	14	7,427	5.5	407
Born, 2- -41; proved, 8-16-48; dead; Wash.	5 daughters--	10	7,355	5.5	403
Sire, ----; dam, ----.	5 dams-------	10	7,912	5.3	422
Herd Owner, Bert Richardson, Skamokawa.	Difference---	(1-3-3)	-557	+.2	-19

HOLSTEIN SIRES

AAGGIE ORMSBY GEM 881913----------	5 daughters--	5	12,197	3.6	445
Born, 1-6-43; proved, 8-3-48; alive; Iowa.	5 dams-------	10	12,244	3.4	412
Sire, 791980; dam, 2035455.	Difference---	(2-5-2)	-47	+.2	+33
Herd Owner, Jones Co. Home, Scotch Grove.					
ACACIA IMPERIAL BESS BEN 821338----------	6 daughters--	6	12,275	3.8	467
Born, 5-5-40; proved, 8-20-48; dead; Ill.	6 dams-------	12	11,274	3.8	432
Sire, 729176; dam, 1903962.	Difference---	(4-4-3)	+1,001	.0	+35
Herd Owner, Ralph Jostes, Rosamond.					
ACACIA PIETJE MONARCH I M H 785270----------	7 daughters--	8	8,798	3.4	295
Born, 1-24-39; proved, 8-4-48;----; Ind.	6 daughters--	7	8,913	3.4	303
Sire, 651585; dam, 1185359.	6 dams-------	9	11,377	3.5	404
Herd Owner, Indiana Masonic Home, Franklin.	Difference---	(2-3-2)	-2,464	-.1	-101
ADEQUATE CYRUS PONTIAC 742169----------	13 daughters-	32	11,243	3.3	371
Born, 3-7-37; proved, 8-16-48;----; Pa.	12 daughters-	31	11,366	3.3	374
Sire, [illegible]3249; dam, 1657111.	12 dams------	40	11,832	3.4	399
Herd Owner, Ward C. Krape, Bellefonte.	Difference---	(5-6-3)	-466	-.1	-25
ADMIRAL BEECHWOOD BONNY 782126----------	6 daughters--	8	9,746	3.8	367
Born, 3-15-39; proved, 8-3-48;----; Wis.	6 dams-------	26	12,526	3.5	439
Sire, 708491; dam, 1595184.	Difference---	(0-6-1)	-2,780	+.3	-72
Herd Owner, Harold Brandt, Sheboygan Falls.					
ADMIRAL PIETERTJE PRIDE 847176----------	5 daughters--	5	12,702	3.6	456
Born, 10-29-41; proved, 8-24-48;----; Iowa.	5 dams-------	23	9,942	3.5	344
Sire, 801735; dam, 1946177.	Difference---	(5-4-5)	+2,760	+.1	+112
Herd Owner, Edward Boysen, Dike.					
ANAMOSA BANOSTINE POSCH ORMSBY 764037----------	7 daughters--	7	12,777	3.2	409
Born, 9-12-37; proved, 8-30-48;----; Iowa.	6 daughters--	6	13,117	3.2	418
Sire, 671526; dam, 1662848.	6 dams-------	13	10,959	3.6	399
Herd Owner, Hyland Springs Farm, Center Junction.	Difference---	(5-0-2)	+2,158	-.4	+19
ANDERSON FARM DIRECTOR 836339----------	7 daughters--	9	10,445	3.5	362
Born, 3-17-41; proved, 8-25-48;----; Pa.	6 daughters--	8	10,160	3.5	358
Sire, 778682; dam, 1905929.	6 dams-------	14	10,684	3.5	373
Herd Owner, Howard F. Lehman, Chambersburg.	Difference---	(3-3-3)	-524	.0	-15

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ARROW KING PONTIAC 784807----------	12 daughters-	18	7,743	3.[illegible]	[illegible]
Born, 4-13-39; proved, 8-10-48;----; Pa.	11 daughters-	17	7,754	3.6	280
Sire, 665641; dam, 1298541.	11 dams------	26	9,966	3.4	339
Herd Owner, Fred G. Northrup, Mahoopany.	Difference---	(0-8-0)	-2,212	+.2	-59
BARRINGTON LUCKNOW POSCH 806761----------	8 daughters--	12	8,751	3.6	313
Born, 5-17-40; proved, 8-6-48;----; Pa.	7 daughters--	10	8,833	3.6	317
Sire, 721497; dam, 1622345.	7 dams-------	15	10,245	3.8	385
Herd Owner, Anthony Rendulic, Conneaut Lake.	Difference---	(1-1-1)	-1,412	-.2	-68
BARRSON ORMSBY TOBE HARTOG 752385----------	6 daughters--	7	11,121	3.4	381
Born, 1-16-38; proved, 8-17-48;----; Ohio.	6 dams-------	13	9,925	3.5	350
Sire, 711952; dam, 1698491.	Difference---	(5-2-5)	+1,196	-.1	+31
Herd Owner, Ernest & Perry Tritten, Lisbon.					
BASLER PONTIAC CREATOR FOBES 784657----------	13 daughters-	14	9,699	3.2	306
Born, 11-19-38; proved, 8-4-48;----; Wis.	8 daughters--	8	9,942	3.1	310
Sire, 674432; dam, 1935808.	8 dams-------	8	9,722	3.1	298
Herd Owner, Carl Basler, Oshkosh.	Difference---	(5-5-5)	+220	.0	+12
BAY STATE QUINX LAD 753847----------	16 daughters-	34	9,436	3.6	339
Born, 1-7-38; proved, 8-30-48;----; Mass.	11 daughters-	22	9,740	3.6	350
Sire, 720327; dam, 1624183.	11 dams------	28	9,378	3.6	341
Herd Owner, Daniel B. Brown & Son, Rowley.	Difference---	(6-6-5)	+362	.0	+9
BEAR ROCK BELLE CHIEF 773658----------	14 daughters-	16	9,510	3.6	347
Born, 10-27-37; proved, 8-13-48;----; Pa.	7 daughters--	8	9,117	3.8	347
Sire, 697642; dam, 1885342.	7 dams-------	7	9,358	3.5	323
Herd Owner, Clarence E. Carter, McDonald.	Difference---	(3-7-5)	-241	+.3	+24
BEAVER OAKS SIR CANARY PERFECTION 833418----------	13 daughters-	18	13,937	3.3	456
Born, 9-11-41; proved, 8-20-48;----; Minn.	7 daughters--	10	14,218	3.2	459
Sire, 771583; dam, 2073602.	7 dams-------	11	12,931	3.4	437
Herd Owner, Bernard Krosch & Sons, Good Thunder.	Difference---	(3-2-2)	+1,287	-.2	+22
BEECHWOOD ORMSBY FOBES DE KOL 807207----------	9 daughters--	15	9,033	3.3	296
Born, 12-16-39; proved, 8-9-48; dead; Wis.	8 daughters--	13	9,181	3.3	299
Sire, 715944; dam, 1995091.	8 dams-------	24	9,753	3.3	317
Herd Owner, Dale H. O'Neil & Son, Rosendale.	Difference---	(2-5-3)	-572	.0	-18
BELBROOK ORMSBY SIR BESS 737789----------	7 daughters--	7	10,911	3.3	358
Born, 9-21-36; proved, 8-5-48; dead; Ohio.	6 daughters--	6	11,103	3.3	366
Sire, 713916; dam, 1808678.	6 dams-------	9	11,126	3.7	406
Herd Owner, Mrs. Mary E. Hubbard, Grover Hill.	Difference---	(3-2-2)	-23	-.4	-40
BELLEVUE AIRIES PONTIAC 805487----------	11 daughters-	18	11,917	4.0	478
Born, 7-21-39; proved, 8-16-48;----; Va.	11 dams------	46	13,520	3.8	507
Sire, 671413; dam, 1522376.	Difference---	(2-9-4)	-1,603	+.2	-29
Herd Owner, Marvin Perkins, Herndon.					
BELLEVUE BLACK BOY BONHEUR 829903----------	9 daughters--	9	10,975	3.7	403
Born, 11-8-40; proved, 8-20-48;----; Va.	9 dams-------	30	10,446	3.5	369
Sire, 723557; dam, 1775148.	Difference---	(5-6-6)	+529	+.2	+34
Herd Owner, F. W. McComb, Bluemont.					
BELMONT BUTTER BOY TRITOMIA 753440----------	13 daughters-	33	10,567	3.5	368
Born, 10-19-37; proved, 8-19-48;----; Iowa.	6 daughters--	15	9,523	3.6	344
Sire, 731797; dam, 1802294.	6 dams-------	21	10,371	3.5	362
Herd Owner, H. A. Schares, Independence.	Difference---	(2-5-3)	-848	+.1	-18
BENNAYRE PAULINE OLLIE 812629----------	11 daughters-	16	13,030	3.4	445
Born, 11-21-39; proved, 8-17-48;----; Wis.	9 daughters--	11	13,546	3.4	465
Sire, 651543; dam, 1533550.	9 dams-------	32	11,076	3.5	386
Herd Owner, Sunny Lea Farm, Grafton.	Difference---	(7-4-7)	+2,470	-.1	+79
BEREA MUTUAL SEGIS BOY 777103----------	15 daughters-	22	12,766	3.4	435
Born, 2-13-39; proved, 8-25-48;----; Maine.	7 daughters--	10	12,108	3.4	407
Sire, 644451; dam, 1735023.	7 dams-------	25	10,126	3.3	335
Herd Owner, Western Maine Sanatorium, Greenwood Mountain.	Difference---	(5-4-5)	+1,982	+.1	+72
BLUEBIRD BARBETTA NAPOLEON 849512----------	7 daughters--	7	13,212	3.7	486
Born, 3-4-42; proved, 8-31-48;----; Wis.	7 dams-------	20	12,941	3.6	459
Sire, 761980; dam, 1731601.	Difference---	(4-4-5)	+271	+.1	+27
Herd Owner, Sidney H. Bird & Son, South Byron.					
BOB MEIERKORD COLANTHA JOHANNA (TWIN) 781703----------	11 daughters-	19	10,665	3.4	361
Born, 2-17-39; proved, 8-9-48;----; Kans.	9 daughters--	15	10,844	3.4	367
Sire, 662372; dam, 2036125.	9 dams-------	24	9,072	3.7	332
Herd Owner, Gerhardt Farms, Concordia.	Difference---	(8-3-7)	+1,772	-.3	+35
BOILING SPRINGS BACHELOR HARTOG 812195----------	7 daughters--	13	11,174	3.9	431
Born, 2-18-40; proved, 8-11-48;----; Pa.	6 daughters--	10	10,604	3.8	405
Sire, 728853; dam, 1085903.	6 dams-------	24	12,735	3.6	458
Herd Owner, Leatherwood Farms, New Bethlehem.	Difference---	(1-5-1)	-2,131	+.2	-53

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BOILING SPRINGS LINDY FORUM (TWIN) 797618----------	5 daughters--	7	8,546	3.5	297
Born, 6-26-39; proved, 8-10-48;----; Pa.	5 dams-------	18	11,778	3.2	373
Sire, 728853; dam, 1581718.	Difference---	(0-5-1)	-3,232	+.3	-76
Herd Owner, John R. Free, Conneaut Lake.					
BONNY OAK DELL RAG APPLE LASS 753256----------	5 daughters--	9	13,699	3.6	490
Born, 7-12-37; proved, 8-18-48;----; Wis.	5 dams-------	8	12,221	3.5	426
Sire, 653436; dam, 1629164.	Difference---	(3-4-3)	+1,478	+.1	+64
Herd Owner, Bonny Oak Farm, Bristol.					
BORDER HOMESTEAD KOBA 733527----------	7 daughters--	16	12,109	3.8	458
Born, 9-7-36; proved, 8-4-48; dead; Ariz.	6 daughters--	15	12,134	3.7	453
Sire, 719160; dam, 1586215.	6 dams-------	21	10,691	3.8	401
Herd Owner, Warren Kurtz, Glendale.	Difference---	(5-4-4)	+1,443	-.1	+52
BREESE FARM SIR COLANTHA TRITOMIA 719101----------	5 daughters--	7	10,025	3.7	367
Born, 3-16-35; proved, 8-3-48;----; N. Y.	5 dams-------	16	10,986	3.4	379
Sire, 659196; dam, 1565409.	Difference---	(1-4-2)	-961	+.3	-12
Herd Owner, Adolph W. May & Son, Elmira.					
BRIGHTON LAKE KING RODMER DANDY 767403----------	14 daughters-	17	11,394	3.9	445
Born, 9-28-37; proved, 8-9-48; dead; N. J.	7 daughters--	9	11,734	3.8	445
Sire, 555464; dam, 1611739.	7 dams-------	18	12,824	3.5	453
Herd Owner, G. S. Katzenstein, Brighton.	Difference---	(2-6-4)	-1,090	+.3	-8
BROADLAWN TRITOMIA ORMSBY BURKE 832803----------	7 daughters--	8	12,318	3.5	437
Born, 12-9-40; proved, 8-18-48; dead; Ill.	6 daughters--	7	12,942	3.5	455
Sire, 773567; dam, 2143533.	6 dams-------	12	12,790	3.7	469
Herd Owner, A. W. Abbott & Sons, Downers Grove.	Difference---	(4-1-2)	+152	-.2	-14
BUFORD PRILLY MATADOR COUNT 808376----------	10 daughters-	10	11,799	3.5	417
Born, 5-3-40; proved, 8-13-48; dead; Ill.	9 daughters--	9	11,993	3.5	424
Sire, 666430; dam, 1958305.	9 dams-------	18	11,280	3.5	395
Herd Owner, Clayton Howe, Lena.	Difference---	(7-6-6)	+713	.0	+29
BURKE CAPTAIN OF PURDUE 837374----------	9 daughters--	11	11,146	3.6	402
Born, 8-21-41; proved, 8-23-48;----; Ind.	8 daughters--	9	11,404	3.6	410
Sire, 782614; dam, 1822482.	8 dams-------	13	14,324	3.5	499
Herd Owner, Charles W. Cole & Son, New Carlisle.	Difference---	(1-5-1)	-2,920	+.1	-89
BURT SPINKER BUTTER BOY 787637----------	15 daughters-	19	12,252	3.4	411
Born, 9-5-39; proved, 8-23-48;----; Pa.	7 daughters--	10	12,516	3.3	414
Sire, 700841; dam, 1667824.	7 dams-------	23	10,527	3.6	382
Herd Owner, Paul R. Anthony, Strausstown.	Difference---	(7-1-6)	+1,989	-.3	+32
CARNATION CHIEFTAIN BONHEUR 705149----------	18 daughters-	21	10,555	3.5	372
Born, 6-23-34; proved, 8-3-48;----; N. Y.	11 daughters-	11	10,464	3.6	372
Sire, 647922; dam, 736154.	11 dams------	20	9,473	3.9	366
Herd Owner, Maurice Hall, Bovina Center.	Difference---	(7-2-7)	+991	-.3	+6
CARNATION COUNT 812518----------	21 daughters-	21	12,838	3.6	468
Born, 9-1-40; proved, 8-16-48; alive; Minn.	10 daughters-	10	11,987	3.6	436
Sire, 559505; dam, 1863024.	10 dams------	18	12,419	3.6	450
Herd Owner, W. A. Schaffer, Cannon Falls.	Difference---	(3-7-3)	-432	.0	-14
CARNATION CREAMELLE MODEL 786319----------	5 daughters--	8	11,426	3.5	398
Born, 12-5-39; proved, 8-31-48;----; N. Y.	5 dams-------	14	13,358	3.3	444
Sire, 678142; dam, 1840657.	Difference---	(2-3-2)	-1,932	+.2	-46
Herd Owner, Henry H. Rathbun & Sons, Oriskany Falls.					
CARNATION EXCELSIOR 828798----------	8 daughters--	10	9,579	3.8	361
Born, 6-13-41; proved, 8-2-48; alive; Minn.	8 dams-------	32	10,693	3.8	404
Sire, 629480; dam, 1885177.	Difference---	(2-4-3)	-1,114	.0	-43
Herd Owner, Josten & Froehlich, Owatonna.					
CARNATION HARMONY 764795----------	15 daughters-	19	10,860	3.8	413
Born, 2-4-38; proved, 8-9-48;----; Wis.	8 daughters--	10	10,758	3.9	415
Sire, 678142; dam, 1742926.	8 dams-------	19	10,911	3.8	410
Herd Owner, Ernest Kirchhoff, Elkhorn.	Difference---	(5-4-4)	-153	+.1	+5
CARNATION HOMESTEAD CHIEFTAIN 784739----------	19 daughters-	22	11,753	3.6	419
Born, 9-4-39; proved, 8-13-48;----; Conn.	18 daughters-	21	11,773	3.6	419
Sire, 647922; dam, 1909669.	18 dams------	60	11,724	3.4	395
Herd Owner, Southbury Training School, Southbury.	Difference---	(8-14-12)	+49	+.2	+24
CARNATION IMPERIAL MASTERPIECE 826031----------	7 daughters--	8	12,249	3.4	415
Born, 3-19-41; proved, 8-4-48; alive; N. Y.	6 daughters--	7	12,202	3.3	406
Sire, 698462; dam, 1565786.	6 dams-------	14	14,765	3.6	526
Herd Owner, Frank Niles & Son, Smyrna.	Difference---	(2-2-1)	-2,563	-.3	-120
CARNATION PATHFINDER 722362----------	13 daughters-	13	9,235	3.6	334
Born, 8-23-35; proved, 8-4-48; dead; Ohio.	13 dams------	33	12,050	3.4	405
Sire, 629472; dam, 1565801.	Difference---	(1-10-1)	-2,815	+.2	-71
Herd Owner, Richman Farms, Lodi.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CARNATION PERFECTION ORMSBY 768196----------	10 daughters-	12	9,473	3.9	365
Born, 5-11-38; proved, 8-9-48;----; N. Y.	7 daughters--	8	9,741	3.7	360
Sire, 682062; dam, 1820805.	7 dams-------	7	11,848	3.8	448
Herd Owner, Irving Mosher & Sons, Stanfordville.	Difference---	(2-4-2)	-2,107	-.1	-88
CARNATION RENOWN PRINCE 841585----------	9 daughters--	12	13,136	3.7	480
Born, 11-17-41; proved, 8-31-48;----; Minn.	8 daughters--	11	13,289	3.7	490
Sire, 771562; dam, 2068757.	8 dams-------	21	11,413	3.6	412
Herd Owner, Ray Schwingler, Atwater.	Difference---	(8-6-8)	+1,876	+.1	+78
C E B BARON PIEBE OLETA 803923----------	18 daughters-	27	10,730	3.7	397
Born, 9-13-39; proved, 8-6-48;----; N. Y.	9 daughters--	13	11,614	3.7	430
Sire, 722283; dam, 1324663.	9 dams-------	20	11,641	3.4	398
Herd Owner, Walter S. Whitbeck, Franklin.	Difference---	(3-8-4)	-27	+.3	+32
CHALKER FARM ORMSBY PEANUT 764632----------	19 daughters-	37	11,386	3.8	430
Born, 11-6-37; proved, 8-18-48; dead; Vt.	14 daughters-	28	11,652	3.7	433
Sire, 579109; dam, 1796050.	14 dams------	46	12,188	3.6	433
Herd Owner, Vermont Agricultural Experiment Station, Burlington.	Difference---	(6-10-8)	-536	+.1	0
CHAMPION JANNEK SPOFFORD OLLIE 757883----------	17 daughters-	27	9,934	3.3	323
Born, 1-29-38; proved, 8-25-48;----; Pa.	9 daughters--	13	10,361	3.3	339
Sire, 671582; dam, 1551254.	9 dams-------	32	9,295	3.5	324
Herd Owner, Danville State Hospital, Danville.	Difference---	(5-1-5)	+1,066	-.2	+15
CHARTER OAK KING PABST ONDINE 757793----------	13 daughters-	25	10,617	3.8	400
Born, 4-29-38; proved, 8-25-48;----; Conn.	9 daughters--	18	10,690	3.8	403
Sire, 533437; dam, 1616763.	9 dams-------	21	11,070	3.7	405
Herd Owner, Avery W. Skilton, Morris.	Difference---	(4-7-4)	-380	+.1	-2
CHEROKEE SIR HOMESTEAD 721252----------	18 daughters-	28	14,059	3.7	526
Born, 9-1-35; proved, 8-2-48;----; Wis.	12 daughters-	18	14,221	3.8	535
Sire, 662443; dam, 1580103.	12 dams------	26	13,726	3.5	478
Herd Owner, Albert R. Schutz, Dallas.	Difference---	(8-11-9)	+495	+.3	+57
CHERRY RIDGE THOR 830564----------	9 daughters--	11	9,576	3.8	363
Born, 1-5-41; proved, 8-20-48;----; Pa.	9 dams-------	46	12,580	3.5	436
Sire, 711100; dam, 1811489.	Difference---	(0-7-1)	-3,004	+.3	-73
Herd Owner, Chester L. Rickard, Honesdale.					
CHESTERSONS FRANK CAR SUPREME 831795----------	11 daughters-	14	13,332	3.6	475
Born, 1-15-41; proved, 8-18-48;----; Wis.	11 dams------	23	10,841	3.6	387
Sire, 702939; dam, 1661804.	Difference---	(9-8-9)	+2,491	.0	+88
Herd Owner, Hunter & Klug, Hudson.					
CHIEF PIEBE GERB-COLAN HERO 799841----------	15 daughters-	21	10,338	3.4	354
Born, 8-24-39; proved, 8-10-48;----; Conn.	7 daughters--	9	10,404	3.5	365
Sire, 444088; dam, 1256142.	7 dams-------	19	10,488	3.5	372
Herd Owner. Avery Farms, Yantic.	Difference---	(3-3-3)	-84	.0	-7
CLARINDA FRIESDALE OLLIE 805861----------	11 daughters-	13	12,472	3.4	421
Born, 2-9-40; proved, 8-20-48;----; Iowa.	11 dams------	52	11,844	3.3	392
Sire, 582783; dam, 1722789.	Difference---	(6-7-6)	+628	+.1	+29
Herd Owner, Iowa Institute for Feeble-minded Children, Glenwood.					
CLARINDA WILMA ONA OLLIE LAD 805867----------	8 daughters--	9	12,203	3.3	407
Born, 4-1-40; proved, 8-12-48;----; Iowa.	8 dams-------	31	10,102	3.2	328
Sire, 582783; dam, 1722782.	Difference---	(7-6-7)	+2,101	+.1	+79
Herd Owner, Clarinda State Hospital, Clarinda.					
CLEM-WALS DANDY 831658----------	7 daughters--	9	9,814	3.4	337
Born, 4-3-41; proved, 8-20-48;----; Pa.	7 dams-------	15	9,758	3.7	358
Sire, 687591; dam, 2124930.	Difference---	(4-2-3)	+56	-.3	-21
Herd Owner, Chester Myers, Souderton.					
CLOVER LAWN INKA SIR DICKEY 806864----------	8 daughters--	11	11,259	3.6	404
Born, 7-14-40; proved, 8-16-48;----; Wis.	6 daughters--	7	10,943	3.6	393
Sire, 755247; dam, 2030184.	6 dams-------	10	10,734	3.6	391
Herd Owner, B. C. Ziegler & Co., West Bend.	Difference---	(3-2-3)	+209	.0	+2
CLOVER LAWN PET SIR ACE WAYNE 798606----------	10 daughters-	10	11,285	3.4	383
Born, 3-2-40; proved, 8-17-48;----; Wis.	5 daughters--	5	13,195	3.3	433
Sire, 697371; dam, 1293109.	5 dams-------	8	9,346	3.4	316
Herd Owner, Wesley Bowen, Orangeville, Ill.	Difference---	(5-3-5)	+3,849	-.1	+117
CLOVE VALLEY BUTTERCUP BANO 760941----------	8 daughters--	10	11,256	3.4	381
Born, 9-25-37; proved, 8-25-48;----; N. Y.	7 daughters--	8	11,326	3.4	383
Sire, 546752; dam, 1498977.	7 dams-------	24	12,591	3.4	422
Herd Owner, Riley Brothers, North Bangor.	Difference---	(2-4-1)	-1,265	.0	-39
CLOVE VALLEY P O B ADMIRAL 787322----------	11 daughters-	12	10,527	3.8	402
Born, 8-5-39; proved, 8-31-48;----; Conn.	11 dams------	60	12,824	3.5	447
Sire, 643579; dam, 1815027.	Difference---	(1-10-4)	-2,297	+.3	-45
Used in Fairfield-New Haven A. B. A.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CLYDE HILL BESS BURKE MERCEDES 785641----------	15 daughters-	23	11,682	3.6	418
Born, 12-5-38; proved, 8-6-48; dead; Mo.	7 daughters--	11	12,513	3.5	448
Sire, 606379; dam, 1845506.	7 dams-------	13	11,266	3.4	385
Herd Owner, Nelson Vogel, Easton.	Difference---	(4-6-5)	+1,247	+.2	+63
CLYDE HILL BURKE HENGERVELD AL 830613----------	7 daughters--	9	9,966	3.9	391
Born, 7-31-41; proved, 8-31-48;----; Mo.	6 daughters--	8	10,179	4.0	407
Sire, 664525; dam, 1629968.	6 dams-------	12	11,564	3.7	430
Herd Owner, Arthur Hartman, Bernard.	Difference---	(2-5-3)	-1,385	+.3	-23
CLYDE HILL HENGERVELD BESS 832426----------	10 daughters-	12	10,827	3.4	373
Born, 1-2-39; proved, 8-18-48; dead; Mo.	8 daughters--	9	10,847	3.4	370
Sire, 664525; dam, 1626071.	8 dams-------	15	11,046	3.5	381
Herd Owner, Conception Abbey, Conception.	Difference---	(5-4-4)	-199	-.1	-11
COLANTHA CREAMELLE GERBEN PIEBE 835584----------	8 daughters--	11	9,905	3.8	381
Born, 8-23-40; proved, 8-23-48;----; Pa.	8 dams-------	30	9,917	4.1	407
Sire, 718673; dam, 2268189.	Difference---	(3-2-2)	-12	-.3	-26
Used in Western Pensylvania Co-op. A. B. A.					
COLFAX CARNATION FAYNE LAD 794532----------	7 daughters--	7	14,112	3.4	475
Born, 1-22-40; proved, 8-2-48; dead; Ill.	6 daughters--	6	13,478	3.5	467
Sire, 740309; dam, 1763593.	6 dams-------	12	11,791	3.7	432
Herd Owner, Glenwood Manual Training School, Glenwood.	Difference---	(4-2-4)	+1,687	-.2	+35
COLONY CANARY SIR ROMEO 4TH 781423----------	7 daughters--	9	9,448	4.0	375
Born, 12-24-38; proved, 8-3-48;----; Wis.	7 dams-------	19	11,468	3.6	409
Sire, 106156 CHB.; dam, 216367 CHB.	Difference---	(2-6-4)	-2,020	+.4	-34
Herd Owner, Pen. Branch Experiment Station, Sturgeon Bay.					
CONNECTICUT POLICE 785226----------	7 daughters--	9	10,574	3.4	361
Born, 11-20-38; proved, 8-10-48;----; Conn.	6 daughters--	7	10,830	3.4	363
Sire, 743587; dam, 1098145.	6 dams-------	11	9,022	3.2	289
Used in Litchfield Co. A. B. A.	Difference---	(4-5-4)	+1,808	+.2	+74
CORNELL BLEND INKA (TWIN) 785502----------	11 daughters-	25	11,114	3.7	406
Born, 4-27-39; proved, 8-6-48;----; N. Y.	9 daughters--	19	10,788	3.7	397
Sire, 722643; dam, 1620357.	9 dams-------	26	11,212	3.8	422
Herd Owner, Bert J. Rogers, Winthrop.	Difference---	(5-4-4)	-424	-.1	-25
CORNELL PRIDE BARON 827983----------	15 daughters-	17	11,913	3.9	460
Born, 4-28-41; proved, 8-11-48; dead; N. Y.	14 daughters-	16	11,912	3.9	462
Sire, 689012; dam, 1953340.	14 dams------	40	12,045	3.5	424
Herd Owner, Halbert E. Hiteman, West Winfield.	Difference---	(7-14-9)	-133	+.4	+38
CORNELL ROYAL BLEND 722643----------	14 daughters-	29	13,427	3.6	485
Born, 2-5-36; proved, 8-10-48; dead; N. Y.	5 daughters--	13	12,561	3.4	424
Sire, 689012; dam, 1501460.	5 dams-------	9	11,564	3.7	432
Herd Owner, Cornell University, Ithaca.	Difference---	(4-0-4)	+997	-.3	-8
COUNCIL ROCK EMPEROR 804395----------	9 daughters--	15	10,659	3.7	394
Born, 11-3-39; proved, 8-10-48;----; N. Y.	8 daughters--	13	10,680	3.7	392
Sire, 705101; dam, 2000132.	8 dams-------	21	10,185	3.6	365
Herd Owner, David R. Nettleton & Sons, Locke.	Difference---	(5-5-6)	+495	+.1	+27
COUNT HORNET POSCH 795995----------	12 daughters-	20	13,617	3.4	462
Born, 12-18-39; proved, 8-3-48;----; N. Y.	5 daughters--	8	14,260	3.3	473
Sire, 715568; dam, 1570767.	5 dams-------	9	12,122	3.5	423
Herd Owner, Grover C. Chriss, Middleburg.	Difference---	(3-2-4)	+2,138	-.2	+50
COUNT PRILLY SENSATION 754351----------	11 daughters-	11	11,154	3.6	405
Born, 12-7-37; proved, 8-25-48;----; Ill.	11 dams------	38	11,974	3.4	404
Sire, 666430; dam, 1958305.	Difference---	(4-9-6)	-820	+.2	+1
Herd Owner, Harry M. Phillips & Son, Lena.					
COUNT TRIUNE BESS (TWIN) 853440----------	9 daughters--	14	12,760	3.8	483
Born, 10-26-41; proved, 8-26-48;----; Wis.	8 daughters--	12	12,980	3.8	489
Sire, 693386; dam, 2020786.	8 dams-------	40	11,942	3.6	426
Herd Owner, Wallace Jerome, Barron.	Difference---	(6-7-6)	+1,038	+.2	+63
CRAOLA PIEBE DIRECT KING 842781----------	8 daughters--	9	11,092	3.7	411
Born, 11-2-41; proved, 8-31-48;----; Pa.	8 dams-------	32	11,964	3.5	423
Sire, 766409; dam, 1219799.	Difference---	(3-7-4)	-872	+.2	-12
Herd Owner, Simpson Brothers, Butler.					
CRESTLYN SADIE ORMSBY PAPOOSE 804003----------	8 daughters--	19	11,912	3.7	446
Born, 1-31-40; proved, 8-9-48;----; Mich.	6 daughters--	12	12,395	3.7	464
Sire, 760242; dam, 1867886.	6 dams-------	18	11,012	3.9	430
Herd Owner, Lewis Prenkert, Galien.	Difference---	(3-2-3)	+1,383	-.2	+34
CRESTON RAG APPLE DESIGN 835205----------	16 daughters-	17	15,564	3.1	483
Born, 12-16-41; proved, 8-25-48;----; Mich.	15 daughters-	16	[illegible],420	3.1	477
Sire, 812000; dam, 1782929.	15 dams------	39	[illegible],980	3.3	443
Herd Owner, Harry Covert & Son, Leslie.	Difference---	(13-3-12)	+1,860	-.2	+34

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CURLES KING HARTOG PIEBE 804679----------	14 daughters-	39	11,465	3.5	403
Born, 7-1-39; proved, 8-10-48;----; Va.	5 daughters--	10	10,794	3.4	368
Sire, 517106; dam, 1787867.	5 dams-------	22	9,972	3.6	357
Herd Owner, Hays Farm, Duane.	Difference---	(3-1-2)	+822	-.2	+11
DA-CO-TON ADVOCATOR 837013----------	8 daughters--	9	13,712	3.7	507
Born, 12-18-41; proved, 8-23-48;----; S. Dak.	5 daughters--	6	14,087	3.7	521
Sire, 766359; dam, 2068039.	5 dams-------	14	12,960	3.7	474
Herd Owner, Robert L. Cotton, Parker.	Difference---	(4-3-4)	+1,127	.0	+47
DAN-CO EXCETTER JOE HOMESTEAD 797095----------	7 daughters--	9	13,232	3.4	447
Born, 3-7-40; proved, 8-2-48;----; Wis.	7 dams-------	29	10,154	3.4	343
Sire, 713207; dam, 1484726.	Difference---	(6-4-6)	+3,078	.0	+104
Herd Owner, Waefler & Bendicke, Juda.					
DEEANBEE COMPETITOR EDNA FLO LAD 758142----------	5 daughters--	5	13,060	3.1	406
Born, 1-26-38; proved, 8-30-48; dead; Idaho.	5 dams-------	12	12,227	3.2	387
Sire, 734515; dam, 1852632.	Difference---	(3-2-2)	+833	-.1	+19
Herd Owner, Purl O. Massey, Gooding.					
DEWDROP KORNDYKE ORMSBY USNAD 763795----------	8 daughters--	11	9,809	3.2	315
Born, 5-2-38; proved, 8-20-48;----; Md.	6 daughters--	8	9,460	3.3	309
Sire, 705549; dam, 1063265.	6 dams-------	7	9,518	3.0	282
Herd Owner, Erson R. Leaverton, Queenstown.	Difference---	(4-5-4)	-58	+.3	+27
DICTATOR MAN-O-WAR JEWEL 784298----------	11 daughters-	12	12,099	3.4	416
Born, 9-26-39; proved, 8-31-48;----; Iowa.	7 daughters--	7	12,910	3.4	444
Sire, 662443; dam, 1755949.	7 dams-------	22	11,186	3.5	392
Herd Owner, Arthur Gerlach, St. Ansgar.	Difference---	(5-4-5)	+1,724	-.1	+52
DIRECTOR OF THE DELLAS 758963----------	12 daughters-	24	12,096	3.7	452
Born, 12-8-37; proved, 8-25-48;----; N. Y.	7 daughters--	12	12,885	3.7	481
Sire, 553013; dam, 1743770.	7 dams-------	25	11,114	3.6	403
Herd Owner, Charles F. Johnson, Chester.	Difference---	(5-4-6)	+1,771	+.1	+78
DISTINCTION COLONY SIR BILLY 767776----------	7 daughters--	10	11,410	3.6	408
Born, 5-18-38; proved, 8-12-48; Wis.	6 daughters--	9	12,219	3.6	439
Sire, 733213; dam, 1737025.	6 dams-------	23	11,014	3.2	357
Used in Badger Co-op. A. B. A.	Difference---	(5-5-5)	+1,205	+.4	+82
DIX MAN-O-WAR STAR 737034----------	21 daughters-	23	9,313	3.4	319
Born, 10-18-36; proved, 8-9-48;----; Wis.	15 daughters-	16	9,342	3.4	320
Sire, 654603; dam, 1492615.	15 dams------	24	11,209	3.5	390
Herd Owner, LaVerne Sutton, Wauzeka.	Difference---	(2-8-3)	-1,867	-.1	-70
DON PRILLY PONTIAC PATCHEN PRIDE 765634----------	10 daughters-	18	12,856	3.2	410
Born, 11-22-38; proved, 8-2-48; dead; N. Y.	5 daughters--	9	13,042	3.3	427
Sire, 714239; dam, 1270981.	5 dams-------	6	12,923	3.8	493
Herd Owner, Clifford Hunt & Son, Jasper.	Difference	(2-0-2)	+119	-.5	-66
DOUGLAS FOBES BUTTERCUP HARK 754053----------	12 daughters-	18	12,406	3.7	457
Born, 2-3-38; proved, 8-17-48;----; Ill.	11 daughters-	17	12,352	3.7	458
Sire, 675277; dam, 1759499.	11 dams------	50	15,246	3.7	562
Herd Owner, Walter Splinter, Winslow.	Difference---	(0-9-1)	-2,894	.0	-104
ECHO VALLEY ADMIRAL PONTIAC 812783----------	11 daughters-	13	10,665	3.7	389
Born, 11-21-40; proved, 8-17-48;----; Wis.	11 dams------	23	10,922	3.6	389
Sire, 741309; dam, 1968344.	Difference---	(6-9-5)	-257	+.1	0
Herd Owner, Laurence Whiting, Brandon.					
EDELWEISS KING BESSIE ORMSBY ACE 723922----------	5 daughters--	5	14,442	3.2	460
Born, 11-12-35; proved, 8-2-48;----; Mich.	5 dams-------	12	8,321	3.5	293
Sire, 695523; dam, 1531218.	Difference---	(5-0-5)	+6,121	-.3	+167
Herd Owner, Harry Ross, Iron Mountain.					
EHREDT ALICE INKA ORMSBY 814600----------	6 daughters--	6	12,078	3.7	448
Born, 8-30-40; proved, 8-20-48;----; Wis.	5 daughters--	5	12,005	3.7	443
Sire, 755640; dam, 2199876.	5 dams-------	24	11,752	3.7	433
Herd Owner, Wallace Crocker, Brooklyn.	Difference---	(3-3-2)	+253	.0	+10
EHREDT SEGIS ORMSBY 812408----------	7 daughters--	7	12,822	3.4	440
Born, 10-17-40; proved, 8-16-48;----; Wis.	7 dams-------	24	12,567	3.4	428
Sire, 755640; dam, 2129640.	Difference---	(4-5-4)	+255	.0	+12
Herd Owner, Peter Templeton & Son, Evansville.					
EHRENFELD SIR PRILLY 801803----------	9 daughters--	10	11,763	3.4	400
Born, 11-10-39; proved, 8-6-48;----; Wis.	9 dams-------	39	12,308	3.5	427
Sire, 716102; dam, 1706545.	Difference---	(3-4-3)	-545	-.1	-27
Herd Owner, Vernon Marquart, Knowles.					
ELBRO ADMIRAL DE VRIES 777319----------	11 daughters-	21	13,891	3.4	479
Born, 2-28-39; proved, 8-25-48;----; N. Y.	6 daughters--	12	14,235	3.3	471
Sire, 97442 CHB; dam, 173768 CHB.	6 dams-------	21	12,698	3.6	454
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference---	(5-2-4)	+1,537	-.3	+17

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ELDON FEMCO MOOIE LAD 832545----------	8 daughters--	11	14,363	3.5	496
Born, 6-4-41; proved, 8-18-48;----; Wis.	8 dams-------	37	11,011	3.6	399
Sire, 712852; dam, 1721963.	Difference---	(8-2-7)	+3,352	-.1	+97
Herd Owner, Gygax Brothers, Waukesha.					
ELLBANK ISA ORMSBY VALE 805671----------	19 daughters-	19	10,737	3.5	380
Born, 2-8-39; proved, 8-24-48; dead; N. Y.	9 daughters--	9	11,458	3.6	414
Sire, 743063; dam, 1610945.	9 dams-------	9	14,494	3.3	477
Herd Owner, Henry Vorndren, Wappinger Falls.	Difference---	(0-8-2)	-3,036	+.3	-63
ELMBRINK GENERAL ALBAN ORMSBY 831393----------	8 daughters--	8	11,363	3.4	390
Born, 11-20-40; proved, 8-20-48;----; Minn.	5 daughters--	5	11,905	3.4	408
Sire, 738044; dam, 1833200.	5 dams-------	6	10,502	3.4	353
Herd Owner, Peter Henry, Foley.	Difference---	(4-4-3)	+1,403	.0	+55
ELM VALLEY PATHWAY BURKE ORMSBY 836036----------	11 daughters-	16	11,947	3.7	437
Born, 10-23-41; proved, 8-24-48;----; Wis.	5 daughters--	7	10,840	3.7	398
Sire, 743104; dam, 2253090.	5 dams-------	17	11,143	3.6	398
Herd Owner, Harvey Colrue, Ogdensburg.	Difference---	(2-4-4)	-303	+.1	0
ELMWOOD HENGERVELD PRIDE 757408----------	13 daughters-	24	11,306	3.5	399
Born, 12-15-37; proved, 8-27-48;----; Ill.	6 daughters--	10	12,028	3.6	431
Sire, 731747; dam, 1508944.	6 dams-------	10	11,253	3.7	415
Herd Owner, Society of the Divine Word, Techny.	Difference---	(3-2-4)	+775	-.1	+16
EL REY CANARY PERFECTION 832405----------	6 daughters--	9	13,874	3.5	481
Born, 4-22-41; proved, 8-20-48;----; Calif.	6 dams-------	16	10,930	3.6	396
Sire, 742721; dam, 1553400.	Difference---	(5-3-4)	+2,944	-.1	+85
Herd Owner, Ray S. Hull, Modesto.					
ENDEAVOR PIEBE INKARNATION LEADER 801063----------	7 daughters--	8	10,595	3.5	369
Born, 2-15-40; proved, 8-4-48;----; Wis.	5 daughters--	6	10,556	3.5	369
Sire, 738931; dam, 1793159.	5 dams-------	6	10,479	3.1	320
Herd Owner, Myron Klotz, Plain.	Difference---	(1-4-4)	+77	+.4	+49
ENSIGN PIETERTJE POSCH 716691----------	6 daughters--	6	10,689	3.7	391
Born, 3-1-34; proved, 8-3-48; dead; Minn.	5 daughters--	5	10,645	3.6	387
Sire, 658056; dam, 789076.	5 dams-------	9	10,943	3.6	391
Herd Owner, Jim L. Morton, Jr., Hancock.	Difference---	(2-3-2)	-298	.0	-4
FANYAN ROYAL SNOW BLEND PIETJE 770320----------	13 daughters-	19	11,482	3.4	387
Born, 2-7-39; proved, 8-10-48;----; N. Y.	7 daughters--	10	11,693	3.4	393
Sire, 722643; dam, 1942600.	7 dams-------	15	10,752	3.6	390
Herd Owner, Ralph Davis, Homer.	Difference---	(4-1-3)	+941	-.2	+3
FARMGROVE WALKER MINK 775704----------	9 daughters--	10	10,287	3.8	386
Born, 1-14-39; proved, 8-10-48; dead; N. Y.	8 daughters--	8	10,659	3.8	401
Sire, 713121; dam, 1797012.	8 dams-------	26	12,757	3.2	412
Herd Owner, Harry C. Brown, Sloansville.	Difference---	(1-8-3)	-2,098	+.6	-11
FEMCO CECILIA PRIDE 785187----------	27 daughters-	40	13,081	3.5	453
Born, 9-8-39; proved, 8-13-48;----; Wis.	17 daughters-	25	13,051	3.5	458
Sire, 643668; dam, 1442945.	17 dams------	22	11,330	3.6	403
Herd Owner, Beim Farm #2, New Richmond.	Difference---	(12-11-12)	+1,721	-.1	+55
FEMCO SIR BESSIE JOHANNA PIETS 805096----------	12 daughters-	19	12,960	3.4	436
Born, 6-30-40; proved, 8-13-48;----; Mich.	7 daughters--	12	13,192	3.3	440
Sire, 629473; dam, 1872956.	7 dams-------	13	12,486	3.6	449
Herd Owner, W. R. Kirk & Sons, Fairgrove.	Difference---	(4-5-4)	+706	-.3	-9
FINEVIEW HONEY LOU CHIEFTAIN 811944----------	5 daughters--	7	11,396	3.5	394
Born, 6-20-40; proved, 8-3-48; dead; N. Y.	5 dams-------	26	12,008	3.4	408
Sire, 782100; dam, 1946379.	Difference---	(1-4-2)	-612	+.1	-14
Herd Owner, Robert M. Thompson & Son, Heuvelton.					
FLAME PABST ADMIRAL 825114----------	7 daughters--	7	9,753	3.7	365
Born, 1-22-41; proved, 8-11-48; dead; Ill.	7 dams-------	16	10,386	3.3	345
Sire, 735503; dam, 1834394.	Difference---	(3-7-6)	-633	+.4	+20
Herd Owner, Charles H. Johnsen & Sons, St. Charles.					
FOBES AAGGIE PIEBE ORMSBY 759142----------	27 daughters-	52	13,035	3.5	456
Born, 7-15-37; proved, 8-25-48;----; Iowa.	9 daughters--	22	13,875	3.5	486
Sire, 672882; dam, 1658802.	9 dams-------	20	11,552	3.4	395
Herd Owner, Amana Society, Amana.	Difference---	(7-8-6)	+2,323	+.1	+91
FOBES BURKE SENSATION ORMSBY 832178----------	12 daughters-	16	9,814	3.6	349
Born, 9-22-41; proved, 8-18-48;----; Iowa.	6 daughters--	9	9,795	3.6	349
Sire, 757714; dam, 1998200.	6 dams-------	12	9,386	3.6	340
Herd Owner, G. F. & Howard R. Whitcomb, Fredericksburg.	Difference---	(4-3-4)	+409	.0	+9
FOBES PONTIAC KORNDYKE LAD 722827----------	8 daughters--	14	11,454	3.6	412
Born, 7-9-35; proved, 8-2-48;----; Wis.	7 daughters--	12	11,600	3.6	415
Sire, 666727; dam, 888397.	7 dams-------	43	13,553	3.5	481
Used in Polk Co. A. B. A.	Difference---	(2-3-1)	-1,953	+.1	-66

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FOBINKA ORMSBY POSCH 812405----------	9 daughters--	13	10,764	3.5	378
Born, 12-3-40; proved, 8-18-48; dead; N. Y.	8 daughters--	12	10,821	3.5	378
Sire, 677374; dam, 1865721.	8 dams-------	31	11,010	3.3	360
Herd Owner, Fred S. Hollenbeck, Tully.	Difference---	(4-7-5)	-189	+.2	+18
FORTUNE ORMSBY BILLY 835828----------	5 daughters--	9	12,481	3.8	468
Born, 6-17-41; proved, 8-24-48; dead; N. Y.	5 dams-------	16	13,522	3.7	499
Sire, 789518; dam, 1894665.	Difference---	(1-3-1)	-1,041	+.1	-31
Herd Owner, Webster W. Fortune, Essex.					
FOXHOME SIR BESS GOVERNOR 836507----------	5 daughters--	7	11,267	3.4	379
Born, 12-1-41; proved, 8-27-48;----; Wis.	5 dams-------	10	12,664	3.5	437
Sire, 776731; dam, 2103361.	Difference---	(1-2-1)	-1,397	-.1	-58
Herd Owner, William & Dean Sayre, Jefferson.					
FRAN LO HEILO ORMSBY 816372 *12----------	28 daughters-	47	13,629	3.6	488
Born, 11-5-40; proved, 8-24-48;----; Minn.	25 daughters-	42	13,568	3.6	486
Sire, 784933; dam, 1642094.	25 dams------	90	12,223	3.4	414
Herd Owner, David Swenson & Son, Spicer.	Difference---	(20-23-20)	+1,345	+.2	+72
FULTONA VICTOR ORMSBY POSCH 711818----------	13 daughters-	13	9,806	3.3	323
Born, 12-30-34; proved, 8-9-48;----; Ohio.	8 daughters--	8	9,338	3.3	306
Sire, 642700; dam, 1489348.	8 dams-------	22	10,088	3.5	350
Herd Owner, H. E. Abell, Medina.	Difference---	(3-2-2)	-750	-.2	-44
GODFREYS MARTO HENRY PIEBE 785216----------	13 daughters-	24	12,202	3.6	441
Born, 8-25-39; proved, 8-9-48; dead; Wis.	5 daughters--	10	12,865	3.6	469
Sire, 651568; dam, 1684559.	5 dams-------	11	10,487	3.4	362
Herd Owner, Erwin Stuckert, Oconomowoc.	Difference---	(4-4-5)	+2,378	+.2	+107
GODFREYS MARTO ORMSBY FOUNDER 750581----------	15 daughters-	23	10,483	3.5	362
Born, 10-20-37; proved, 8-24-48;----; Wis.	8 daughters--	13	10,527	3.3	346
Sire, 559504; dam, 1518449.	8 dams-------	16	12,343	3.4	423
Herd Owner, Marek & Anna Weber, Whitewater.	Difference---	(1-3-1)	-1,816	-.1	-77
GOODRIGHT ADMIRAL ORMSBY PIEBE 775943----------	15 daughters-	18	10,795	3.7	395
Born, 4-17-39; proved, 8-12-48;----; Wis.	14 daughters-	17	10,593	3.7	387
Sire, 748994; dam, 1669202.	14 dams------	37	13,388	3.5	474
Herd Owner, George Jost, Hilbert.	Difference---	(0-11-2)	-2,795	+.2	-87
GOVERNOR FORES LONGFIELD 19TH 731307----------	18 daughters-	32	12,205	3.4	417
Born, 6-11-36; proved, 8-10-48;----; Wis.	10 daughters-	16	12,582	3.5	438
Sire, 554952; dam, 979536.	10 dams------	13	13,734	3.3	447
Herd Owner, Kieth Roesh, Lancaster.	Difference---	(4-8-4)	-1,152	+.2	-9
GOVERNOR FORES LONGFIELD 42D 762308----------	9 daughters--	14	11,432	3.7	425
Born, 9-26-37; proved, 8-25-48;----; Minn.	6 daughters--	10	10,861	3.8	414
Sire, 554952; dam, 1485535.	6 dams-------	13	11,393	3.3	375
Used in Central Minnesota A. B. A.	Difference---	(2-6-5)	-532	+.5	+39
GOVERNOR VEEMAN ORMSBY 785331----------	9 daughters--	18	10,158	3.5	351
Born, 12-6-38; proved, 8-4-48; dead; N. Y.	9 dams-------	25	10,578	3.5	368
Sire, 705181; dam, 1698972.	Difference---	(4-4-3)	-420	.0	-17
Herd Owner, Het Loo Farm, Kinderhook.					
GREEN MEADOW BURKE BOY 815838----------	9 daughters--	14	10,376	3.7	385
Born, 1-24-39; proved, 8-20-48;----; N. Y.	5 daughters--	8	9,287	3.7	343
Sire, 724240; dam, 1847956.	5 dams-------	12	11,441	3.6	410
Herd Owner, Robert E. Akin, Jamestown.	Difference---	(0-4-0)	-2,154	+.1	-67
GREYROCK BESSIE ORMSBY DUKE 779140----------	8 daughters--	13	9,541	3.5	334
Born, 9-3-38; proved, 8-23-48; dead; N. Y.	6 daughters--	10	9,176	3.6	327
Sire, 644442; dam, 1602897.	6 dams-------	10	11,087	3.5	393
Herd Owner, Kingsley Niles & Son, Morrisville.	Difference---	(2-3-2)	-1,911	+.1	-66
GROSSLYN ORMSBY KENT KING 812345----------	6 daughters--	9	13,496	3.3	451
Born, 1-2-40; proved, 8-16-48;----; Pa.	5 daughters--	7	13,679	3.3	454
Sire, 611511; dam, 1939867.	5 dams-------	29	11,676	3.6	423
Herd Owner, Isaac S. Gross, Plumsteadville.	Difference---	(4-1-2)	+2,003	-.3	+31
HAMER JOHANNA PIETERTJE 853465 *(March 1948)----------	11 daughters-	13	13,768	3.5	475
Born, 11-18-41; proved, 8-10-48; alive; Iowa.	11 dams------	36	12,306	3.4	416
Sire, 749574; dam, 2084324.	Difference---	(9-8-8)	+1,462	+.1	+59
Herd Owner, Myron A. Johnson, Boone.					
HARK BLANCHE ORMSBY ROSEBUD OF V V 787279----------	9 daughters--	14	12,422	3.6	452
Born, 8-1-39; proved, 8-23-48;----; Wis.	7 daughters--	11	12,049	3.7	441
Sire, 769578; dam, 2053323.	7 dams-------	11	10,128	3.4	347
Herd Owner, Anker Farm, Rice Lake.	Difference---	(6-5-6)	+1,921	+.3	+94
HEILO MASTERPIECE LYONS KING 700125----------	21 daughters-	46	11,709	3.4	400
Born, 8-28-34; proved, 8-4-48; dead; N. Y.	13 daughters-	30	12,008	3.4	412
Sire, 647925; dam, 1011825.	13 dams------	19	10,237	3.3	337
Herd Owner, Dr. Kenneth W. Davis, West Winfield.	Difference---	(10-11-11)	+1,771	+.1	+75

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HERSHEY BANOSTINE ORMSBY 832691----------	7 daughters--	8	10,179	3.3	334
Born, 9-13-41; proved, 8-20-48;----; Pa.	7 dams-------	26	10,776	3.2	348
Sire, 688265; dam, 2039714.	Difference---	(1-6-3)	-597	+.1	-14
Herd Owner, Hershey Industrial School, Hershey.					
HERSHEY JOE JOHANNA 766428----------	23 daughters-	44	11,152	3.5	392
Born, 7-8-38; proved, 8-9-48;----; Pa.	8 daughters--	20	11,252	3.5	398
Sire, 575204; dam, 1490717.	8 dams-------	20	11,675	3.3	384
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(4-7-5)	-423	+.2	+14
HICKORY FIELDS SEGIS BURKE 837216----------	8 daughters--	10	12,862	3.6	462
Born, 10-5-41; proved, 8-23-48;----; N. Y.	8 dams-------	25	12,432	3.3	405
Sire, 799545; dam, 1793820.	Difference---	(5-6-6)	+430	+.3	+57
Herd Owner, Wayne County Home, Lyons.					
HIGHPATH FAGOT EX BERTA 803842----------	24 daughters-	35	10,761	3.4	367
Born, 1-4-40; proved, 8-18-48;----; Minn.	8 daughters--	13	10,309	3.3	341
Sire, 743690; dam, 1869503.	8 dams-------	16	12,155	3.3	401
Herd Owner, Highpath Farms, Excelsior.	Difference---	(2-5-3)	-1,846	.0	-60
HILLSBORO SIR ORMSBY JEWEL 742185----------	9 daughters--	18	11,227	3.6	404
Born, 10-28-36; proved, 8-23-48; dead; N. J.	6 daughters--	13	11,404	3.5	400
Sire, 854594; dam, 1610858.	6 dams-------	13	13,060	3.5	456
Herd Owner, Swing Williams, Elmer.	Difference---	(2-3-2)	-1,656	.0	-56
HOLLINS HUTTER 804541----------	9 daughters--	12	15,337	3.3	507
Born, 1-19-40; proved,8-18-48;----; Va.	7 daughters--	9	16,090	3.3	524
Sire, 741316; dam, 1709736.	7 dams-------	25	13,492	3.4	463
Herd Owner, Hollins College, Hollins.	Difference---	(7-1-6)	+2,598	-.1	+61
IDAHO JOE HOMESTEAD 757802----------	10 daughters-	17	12,764	3.2	408
Born, 2-26-34; proved, 8-31-48; dead; Idaho.	5 daughters--	10	11,994	3.2	384
Sire, 598775; dam, 1337750.	5 dams-------	12	12,651	3.3	424
Herd Owner, V. W. Carson, Gooding.	Difference---	(3-2-1)	-657	-.1	-40
ILLEHAMWOOD EMPEROR DUKE (TWIN) 779513----------	8 daughters--	14	14,381	3.7	532
Born, 8-24-38; proved, 8-25-48;----; Ill.	7 daughters--	11	13,870	3.7	517
Sire, 699449; dam, 1808460.	7 dams-------	18	16,158	3.6	582
Herd Owner, Gilbert & Ralph A. Muller, Washington.	Difference---	(2-6-2)	-2,288	+.1	-65
IODAK KING BESSIE PRIDE (TWIN) 803947----------	22 daughters-	32	11,509	3.8	442
Born, 11-14-39; proved, 8-6-48;----; Wis.	21 daughters-	31	11,610	3.8	446
Sire, 651119; dam, 1757377.	21 dams------	71	10,703	3.6	382
Herd Owner, Relander Brothers, Boardman.	Difference---	(14-18-16)	+907	+.2	+64
IODAK ORMSBY SIR WREN BURKE 811882----------	12 daughters-	17	10,972	3.5	384
Born, 11-13-40; proved, 8-2-48; dead; Iowa.	11 daughters-	15	10,619	3.5	374
Sire, 696994; dam, 2091240.	11 dams------	34	13,296	3.4	457
Herd Owner, Stephen Flo, Scarville.	Difference---	(1-8-1)	-2,677	+.1	-83
IOLANTE ORMSBY INKA BILL 830666----------	9 daughters--	12	12,852	3.5	450
Born, 8-4-41; proved, 8-30-48;----; Iowa.	9 dams-------	29	12,305	3.3	408
Sire, 651541; dam, 1672241.	Difference---	(6-8-8)	+547	+.2	+42
Herd Owner, E. Lyle Pettenger, Iowa Falls.					
IONIA MASTERPIECE KING AAGGIE 708387----------	9 daughters--	13	11,220	3.5	391
Born, 11-30-34; proved, 8-5-48; dead; Mich.	8 daughters--	12	11,503	3.4	396
Sire, 671583; dam, 1566608.	8 dams-------	21	12,251	3.5	423
Herd Owner, Eldridge Brothers, Crystal.	Difference---	(2-3-2)	-748	-.1	-27
IONIA MODEL KING 812032----------	11 daughters-	14	13,558	3.6	484
Born, 8-17-40; proved, 8-11-48; dead; Mich.	8 daughters--	10	13,798	3.6	492
Sire, 741503; dam, 1868535.	8 dams-------	15	12,247	3.6	445
Herd Owner, Carl Hoffmaster & Son, Hopkins.	Difference---	(7-3-6)	+1,551	.0	+47
IRIS BESSIENATION GENERATOR 784278----------	10 daughters-	13	11,720	3.3	389
Born, 2-22-39; proved, 8-4-48;----; Wis.	5 daughters--	5	12,436	3.3	405
Sire, 734519; dam, 1636646.	5 dams-------	18	13,123	3.4	447
Herd Owner, Clyman Farms, Inc., Watertown.	Difference---	(2-1-1)	-687	-.1	-42
IRONSIDES PIEBE DEAN 830746----------	11 daughters-	14	11,188	3.9	437
Born, 11-9-40; proved, 8-20-48;----; N. J.	9 daughters--	12	11,132	3.9	435
Sire, 700931; dam, 1789194.	9 dams-------	28	10,749	3.7	394
Used in Burlington A. B. A.	Difference---	(3-9-5)	+383	+.2	+41
I S D ORMSBY DICTATOR 767185----------	6 daughters--	10	10,457	3.2	338
Born, 12-15-38; proved, 8-13-48;----; Iowa.	5 daughters--	8	10,869	3.2	349
Sire, 669073; dam, 1490621.	5 dams-------	16	11,150	3.2	359
Herd Owner, Laurence Mark, Council Bluffs.	Difference---	(1-2-2)	-281	.0	-10
JENNITON OLLIE TRITOMIA 826334----------	11 daughters-	11	8,082	3.8	309
Born, 1-17-41; proved, 8-2-48;----; Wis.	11 dams------	40	8,360	3.8	321
Sire, 708526; dam, 1830779.	Difference---	(5-6-4)	-278	.0	-12
Herd Owner, Edward Lease, Sr., Ridgeway.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
JENNY DUKE SEGIS INKA 774562----------	5 daughters--	8	9,855	3.5	346
Born, 2-2-39; proved, 8-11-48;----; Wis.	5 dams-------	15	11,137	3.5	386
Sire, 756898; dam, 1571692.	Difference---	(2-4-1)	-1,282	.0	-40
Herd Owner, Jacob J. Gruenewald & Son, Monroe.					
KIESTER CASCADER TRIUNE 787249----------	7 daughters--	7	7,855	3.6	280
Born, 9-24-39; proved, 8-20-48;----; Minn.	5 daughters--	5	8,148	3.6	290
Sire, 641028; dam, 1814470.	5 dams-------	5	10,686	3.2	345
Herd Owner, Walter Miller, Lake Crystal.	Difference---	(2-5-3)	-2,538	+.4	-55
KING AVA PONTIAC 716347----------	7 daughters--	18	10,582	3.4	363
Born, 11-10-34; proved, 8-5-48; dead; Minn.	6 daughters--	16	10,280	3.4	351
Sire, 664030; dam, 1368852.	6 dams-------	12	10,999	3.3	358
Herd Owner, Joseph F. Picha, New Prague.	Difference---	(2-4-3)	-719	+.1	-7
KING BESSIE CANARY FORES WALKER 811204----------	17 daughters-	17	11,071	3.7	407
Born, 12-7-39; proved, 8-16-48;----; Wis.	13 daughters-	13	10,570	3.7	386
Sire, 765496; dam, 1811475.	13 dams------	26	12,099	3.5	420
Herd Owner, John F. & Joe Kasierski, Princeton.	Difference---	(4-8-4)	-1,529	+.2	-34
KING BESSIE ORMSBY PIEBE BUTTER BOY (TWIN) 805685----------	14 daughters-	19	12,160	3.6	437
Born, 2-15-40; proved, 8-20-48;----; Pa.	12 daughters-	17	12,322	3.6	441
Sire, 699856; dam, 1730103.	12 dams------	44	12,325	3.2	395
Herd Owner, E. E. Brubaker, Christiana.	Difference---	(6-11-9)	-3	+.4	+46
KING BESSIE ORMSBY WREN 822497----------	13 daughters-	15	9,103	3.5	314
Born, 11-23-40; proved, 8-17-48; dead; Minn.	12 daughters-	14	9,004	3.5	314
Sire, 727720; dam, 1803711.	12 dams------	31	10,519	3.5	367
Herd Owner, Herbert Filk, Biscay.	Difference---	(2-8-2)	-1,515	.0	-53
KING BESSIE PATSY BESS ROYER 769904----------	10 daughters-	11	11,505	3.4	392
Born, 12-7-38; proved, 8-16-48;----; Wis.	10 dams------	23	10,765	3.5	377
Sire, 711327; dam, 1565588.	Difference---	(7-4-6)	+740	-.1	+15
Herd Owner, E. H. Zobel & R. Beny, Green Lake.					
KING BESSIE PROFESSOR 708886----------	6 daughters--	11	10,148	3.4	347
Born, 12-2-34; proved, 8-5-48;----; Wis.	6 dams-------	15	10,079	3.4	340
Sire, 680425; dam, 1394037.	Difference---	(3-4-3)	+69	.0	+7
Herd Owner, Ben O. Schwartz & Son, Sharon.					
KING BESSIE TIDY PERFECTION 777373----------	8 daughters--	9	8,745	3.4	293
Born, 9-26-38; proved, 8-23-48;----; Minn.	8 dams-------	29	12,061	3.4	416
Sire, 695310; dam, 1211327.	Difference---	(0-3-0)	-3,316	.0	-123
Herd Owner, Setre & Hauan, Cannon Falls.					
KING DELLA ORMSBY SEGIS 775864----------	11 daughters-	11	12,335	3.8	470
Born, 1-24-39; proved, 8-10-48;----; Ind.	8 daughters--	8	12,382	3.8	475
Sire, 721155; dam, 1799524.	8 dams-------	14	13,029	3.5	450
Herd Owner, St. Mary's Academy, Holy Cross.	Difference---	(3-8-7)	-647	+.3	+25
KING DENVER HARTJE 718567----------	12 daughters-	17	10,461	3.5	363
Born, 1-25-35; proved, 8-9-48;----; N. Y.	5 daughters--	7	9,658	3.5	334
Sire, 504933; dam, 1572356.	5 dams-------	7	8,467	3.5	294
Herd Owner, Warren H. Langworthy, Hubbardsville.	Difference---	(3-3-3)	+1,191	.0	+40
KING GERBEN PERFECTION 766944----------	6 daughters--	7	13,660	3.7	503
Born, 4-13-38; proved, 8-25-48; alive; Colo.	5 daughters--	6	13,564	3.6	488
Sire, 758411; dam, 1373350.	5 dams-------	9	13,876	3.8	522
Herd Owner, Denver Farm, Henderson.	Difference---	(2-2-2)	-312	-.2	-34
KING HOLLAND SENSATION 827853----------	9 daughters--	12	9,317	3.9	366
Born, 8-9-40; proved, 8-17-48; dead; Calif.	8 daughters--	11	9,456	3.9	371
Sire, 701441; dam, 1758391.	8 dams-------	23	10,478	3.9	408
Herd Owner, James N. Fulmore, Dixon.	Difference---	(3-4-2)	-1,022	.0	-37
KING JOHANNA BURKE PIEBE DE KOL 787251----------	9 daughters--	16	13,942	3.3	460
Born, 4-17-39; proved, 8-20-48;----; Ind.	9 dams-------	28	12,995	3.4	441
Sire, 731566; dam, 1827399.	Difference---	(6-6-6)	+947	-.1	+19
Herd Owner, Calvin R. Liechty & Son, Berne.					
KING LAKEFIELD SPOT PIEBE 753136----------	7 daughters--	14	12,469	3.6	446
Born, 11-14-37; proved, 8-17-48;----; Pa.	6 daughters--	12	12,587	3.6	448
Sire, 698278; dam, 1794044.	6 dams-------	31	10,479	3.1	321
Herd Owner, Orvis T. Eisenhuth, Lewisburg.	Difference---	(4-6-6)	+2,108	+.5	+127
KING MOOIE ORMSBY AAGGIE 768066----------	5 daughters--	5	12,512	3.4	426
Born, 4-24-36; proved, 8-9-48;----; Wis.	5 dams-------	17	11,026	3.5	389
Sire, 704712; dam, 1823870.	Difference---	(4-2-5)	+1,486	-.1	+37
Herd Owner, Arthur Schnell & Son, Forest Junction.					
KING ORMSBY HOMESTEAD BESSIE 748681----------	12 daughters-	15	10,289	3.4	353
Born, 11-22-37; proved, 8-24-48;----; N. Y.	7 daughters--	7	10,239	3.5	355
Sire, 625433; dam, 1719163.	7 dams-------	35	12,331	3.6	440
Herd Owner, Russell I. Young, Randolph.	Difference---	(1-1-2)	-2,092	-.1	-85

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING ORMSBY INKA COLANTHA 768350----------	13 daughters-	19	14,204	3.5	490
Born, 2-6-38; proved, 8-13-48;----; Calif.	12 daughters-	18	14,166	3.5	490
Sire, 670640; dam, 1896761.	12 dams------	24	12,484	3.6	448
Herd Owner, Robert E. Edwards, Modesto.	Difference---	(9-5-11)	+1,682	-.1	+42
KING PANSY ORMSBY CANARY 738171----------	12 daughters-	13	10,525	3.5	364
Born, 3-25-37; proved, 8-11-48; dead; Minn.	9 daughters--	10	11,046	3.5	383
Sire, 706340; dam, 1851971.	9 dams-------	14	9,450	3.5	332
Herd Owner, Alfred H. Mills & Sons, Hutchinson.	Difference---	(8-6-7)	+1,596	.0	+51
KING PANSY PAPOOSE 49TH 779676----------	9 daughters--	11	11,919	3.3	391
Born, 7-30-39; proved, 8-24-48;----; Iowa.	8 daughters--	10	12,180	3.3	401
Sire, 654126; dam, 1855589.	8 dams-------	13	12,249	3.4	414
Herd Owner, Roy Jacobs, Klemme.	Difference---	(5-2-5)	-69	-.1	-13
KING PRIDE FOBES INKA 804362----------	11 daughters-	22	12,237	3.3	409
Born, 8-20-39; proved, 8-6-48;----; Minn.	6 daughters--	11	12,515	3.4	423
Sire, 741684; dam, 1735098.	6 dams-------	36	11,179	3.5	387
Herd Owner, Wiebusch & Diercks, Lake City.	Difference---	(4-3-4)	+1,336	-.1	+36
KING SEGIS DOUBLE 804373----------	10 daughters-	13	9,101	3.6	326
Born, 2-25-40; proved, 8-6-48;----; Pa.	9 daughters--	12	9,259	3.6	330
Sire, 728922; dam, 1809723.	9 dams-------	36	10,313	3.4	348
Herd Owner, R. W. Cramer & Sons, Freeport.	Difference---	(3-8-4)	-1,054	+.2	-18
KING TOITILLA FOBES SKYLARK 778030----------	6 daughters--	14	11,701	3.8	445
Born, 8-22-38; proved, 8-31-48;----; Pa.	6 dams-------	14	13,168	3.7	481
Sire, 717613; dam, 1128654.	Difference---	(2-4-3)	-1,467	+.1	-36
Herd Owner, James G. Halstead, Saxonburg.					
KLING AAGGIE SIR HEILO 778127----------	5 daughters--	5	15,654	3.5	545
Born, 4-5-39; proved, 8-23-48;----; Calif.	5 dams-------	16	12,112	3.4	417
Sire, 778126; dam, 1894250.	Difference---	(5-3-5)	+3,542	+.1	+128
Herd Owner, Joaquin Cabral, Crows Landing.					
KORNDYKE COLANTHA PIEBE RUE 821722----------	5 daughters--	6	10,000	3.7	371
Born, 5-9-40; proved, 8-20-48;----; Wis.	5 dams-------	16	9,766	3.6	348
Sire, 706720; dam, 1867741.	Difference---	(3-5-3)	+234	+.1	+23
Herd Owner, Geenen Brothers, Kaukauna.					
LAKEFIELD POSCH RAG APPLE (TWIN) 836730----------	7 daughters--	7	10,041	3.7	371
Born, 5-26-41; proved, 8-20-48;----; Mich.	6 daughters--	6	9,753	3.7	364
Sire, 798268; dam, 1756692.	6 dams-------	11	9,377	3.7	348
Herd Owner, William J. Newell & Son, Yale.	Difference---	(3-3-2)	+376	.0	+16
LAKE PARK KING RENA ORMSBY VALE 754664----------	5 daughters--	9	11,714	3.6	425
Born, 8-1-37; proved, 8-17-48;----; Wis.	5 dams-------	29	12,018	3.5	425
Sire, 720556; dam, 1790986.	Difference---	(3-4-3)	-304	+.1	0
Herd Owner, Gustave Suemnicht, Chilton.					
LASSIE ADMIRAL BEECHWOOD 814518----------	5 daughters--	10	9,326	3.6	333
Born, 8-20-40; proved, 8-25-48;----; Wis.	5 dams-------	11	11,768	3.4	401
Sire, 758855; dam, 1986597.	Difference---	(1-5-1)	-2,442	+.2	-68
Herd Owner, Carl Wigand, Manitowoc.					
LAUXMONT AMBROSE CONVINCER 788823----------	14 daughters-	24	11,236	3.6	406
Born, 6-26-39; proved, 8-9-48;----; Pa.	8 daughters--	18	10,029	3.7	375
Sire, 741336; dam, 1506870.	8 dams-------	36	10,397	3.5	362
Herd Owner, Dauphin Co. Home, Harrisburg.	Difference---	(4-7-4)	-368	+.2	+13
LAUXMONT SAFEMASTER LAD 800449----------	17 daughters-	26	11,170	3.7	415
Born, 3-6-40; proved, 8-19-48; dead; N. Y.	5 daughters--	7	11,717	3.6	422
Sire, 751642; dam, 1820955.	5 dams-------	9	13,153	3.3	440
Herd Owner, Fred Van Schaick, Cortland.	Difference---	(2-3-2)	-1,436	+.3	-18
LEDGE-EVER CLIMAX ORMSBY LAD 769512----------	9 daughters--	11	11,795	3.5	417
Born, 9-5-38; proved, 8-10-48;----; N. Y.	8 daughters--	10	11,854	3.5	419
Sire, 493889; dam, 1807401.	8 dams-------	14	11,304	3.3	369
Herd Owner, O. H. Johnson & Sons, Ticonderoga.	Difference---	(5-7-6)	+550	+.2	+50
LENTH DEAN COLANTHA TIDY 795012----------	10 daughters-	19	10,217	3.4	345
Born, 10-8-39; proved, 8-3-48; dead; Iowa.	10 dams------	45	10,777	3.4	370
Sire, 541114; dam, 1589381.	Difference---	(5-4-4)	-560	.0	-25
Herd Owner, Eggiman Brothers, Elkader.					
LEROY DE KOL ORMSBY 712018----------	14 daughters-	32	11,516	3.7	421
Born, 12-11-34; proved, 8-9-48;----; Kans.	5 daughters--	14	11,909	3.9	466
Sire, 649981; dam, 1623960.	5 dams-------	17	11,680	3.5	403
Herd Owner, Fred Duey, Chester, Nebr.	Difference---	(3-4-4)	+229	+.4	+63
LIME ROCK ORMSBY PIEBE 707367----------	16 daughters-	28	11,417	3.6	411
Born, 3-3-31; proved, 8-12-48;----; Pa.	8 daughters--	9	12,298	3.6	438
Sire, 589959; dam, 1348913.	8 dams-------	34	12,524	3.4	426
Herd Owner, Hubert S. Miller, Myerstown.	Difference---	(4-7-4)	-226	+.2	+12

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LONDALE PIETERTJE ORMSBY 812430----------	7 daughters--	11	8,584	3.4	289
Born, 5-9-40; proved, 8-16-48;----; Pa.	6 daughters--	10	8,325	3.4	282
Sire, 767526; dam, 1947615.	6 dams-------	12	10,892	3.6	394
Herd Owner, Cumberland Co. Home, Carlisle.	Difference---	(0-1-0)	-2,567	-.2	-112
LUCKY DAY SEGIS PROSPECT 729612----------	8 daughters--	10	11,332	3.2	361
Born, 9-25-35; proved, 8-12-48;----; Wis.	6 daughters--	8	11,474	3.2	371
Sire, 516697; dam, 1607959.	6 dams-------	14	11,038	3.3	360
Herd Owner, John Bilgrien, Iron Ridge.	Difference---	(3-3-3)	+436	-.1	+11
MAC-BESS INKA PATRIOT 812004----------	7 daughters--	8	11,328	3.7	418
Born, 10-9-40; proved, 8-10-48; dead; Kans.	6 daughters--	7	11,178	3.7	417
Sire, 709160; dam, 1512756.	6 dams-------	15	11,216	3.6	400
Herd Owner, Wilson Brothers, Lincoln.	Difference---	(3-5-3)	-38	+.1	+17
MACFARMCO PROSPECT WAYNE KING 796360----------	13 daughters-	28	10,519	3.9	408
Born, 1-20-39; proved, 8-3-48; dead; Mich.	6 daughters--	13	11,258	3.9	436
Sire, 767673; dam, 1643145.	6 dams-------	12	11,272	3.8	433
Herd Owner, Floyd B. Vergin, Davisburg.	Difference---	(3-4-3)	-14	+.1	+3
MANIFOLD PIEBE CHANGELING 779198----------	8 daughters--	13	10,521	3.4	360
Born, 9-23-38; proved, 8-25-48;----; Colo.	7 daughters--	12	10,533	3.4	362
Sire, 577310; dam, 1833241.	7 dams-------	21	11,058	3.5	391
Herd Owner, State Industrial School, Golden.	Difference---	(3-4-1)	-525	-.1	-29
MAN-O-WAR BLACK HAWK 9TH 804163----------	5 daughters--	8	13,111	3.1	409
Born, 10-20-39; proved, 8-11-48; dead; Ohio.	5 dams-------	9	14,111	3.2	448
Sire, 731336; dam, 1958067.	Difference---	(1-2-1)	-1,000	-.1	-39
Herd Owner, Clarence M. Kaiser, Hilliards.					
MAN-O-WAR IMPERIAL 2D 778295----------	6 daughters--	9	12,310	3.6	448
Born, 10-26-38; proved, 8-20-48;----; Minn.	5 daughters--	8	11,658	3.7	434
Sire, 717383; dam, 1756259.	5 dams-------	21	12,293	3.5	428
Herd Owner, Henry E. Lippmann, Gibbon.	Difference---	(2-5-3)	-635	+.2	+6
MAN-O-WAR INKA PRINCE 766652----------	5 daughters--	10	12,619	3.4	431
Born, 8-19-38; proved, 8-9-48;----; Iowa.	5 dams-------	15	12,513	3.3	415
Sire, 550894; dam, 1644403.	Difference---	(3-2-2)	+106	+.1	+16
Herd Owner, Harold J. Jorgensen, Emmetsburg.					
MAN-O-WAR PREMIER 18TH 755527----------	25 daughters-	29	9,768	3.8	367
Born, 12-20-37; proved, 8-27-48;----; N. Y.	6 daughters--	7	10,793	3.8	406
Sire, 695635; dam, 1697998.	6 dams-------	9	11,691	3.7	430
Herd Owner, M. C. Holmes, New Woodstock.	Difference---	(2-4-2)	-898	+.1	-24
MAN-O-WAR SKYLARK FOBES 776194----------	7 daughters--	14	12,069	3.5	427
Born,10-8-38; proved, 8-6-48; dead; Ill.	6 daughters--	13	11,587	3.5	406
Sire, 635145; dam, 1725088.	6 dams-------	15	12,833	3.4	440
Herd Owner, Hammelman & Reavley, Sterling.	Difference---	(2-3-3)	-1.246	+.1	-34
MAN-O-WAR TWENTY GRAND 704995 *5----------	50 daughters-	133	11,635	3.5	411
Born, 1-16-34; proved, 8-23-48; dead; N. Y.	47 daughters-	124	11,692	3.6	416
Sire, 631834; dam, 1575566.	47 dams------	257	10,934	3.4	377
Herd Owner, Westover Farms, Fairport.	Difference---	(34-33-30)	+758	+.2	+39
MAY FARM POSCH KING 830759----------	8 daughters--	11	10,894	3.7	403
Born, 9-10-40; proved, 8-23-48; dead; N. Y.	8 dams-------	39	10,993	3.7	410
Sire, 705988; dam, 1495451.	Difference---	(4-5-3)	-99	.0	-7
Herd Owner, Adolph W. May & Son, Elmira.					
MAY MASTER POSCH 825458----------	12 daughters-	17	9,955	3.6	360
Born, 6-1-41; proved, 8-2-48;----; N. Y.	7 daughters--	9	9,529	3.6	347
Sire, 738104; dam, 1778963.	7 dams-------	9	11,353	3.2	362
Herd Owner, Reginald Davies, Sauquoit.	Difference---	(1-5-2)	-1,824	+.4	-15
MEADOW FARM ORMSBY LOLITA REX 784311----------	12 daughters-	12	9,513	3.7	352
Born, 10-6-39; proved, 8-6-48;----; Va.	5 daughters--	5	8,905	3.8	337
Sire, 747609; dam, 1780943.	5 dams-------	7	8,992	3.6	323
Herd Owner, M. B. Ott, Remington.	Difference---	(2-4-2)	-87	+.2	+14
MEIERKORD SIR TRIUNE BABE 781631----------	21 daughters-	21	14,423	3.4	495
Born, 10-3-38; proved, 8-5-48;----; Kans.	10 daughters-	10	14,764	3.5	510
Sire, 600230; dam, 1480040.	10 dams------	14	15,400	3.6	551
Herd Owner, Jake Zarnowski, Newton.	Difference---	(6-3-4)	-636	-.1	-41
MERNDALE KELLY HARK 778433----------	10 daughters-	10	12,975	3.7	483
Born, 10-2-38; proved, 8-23-48;----; Minn.	7 daughters--	7	13,250	3.9	512
Sire, 660575; dam, 1573015.	7 dams-------	18	13,177	3.5	460
Herd Owner, Andrews Nursery Co., Faribault.	Difference---	(4-6-5)	+73	+.4	+52
MERNDALE PRINCE INKA HARK 778441----------	7 daughters--	9	9,877	3.8	377
Born, 12-25-38; proved, 8-20-48;----; Iowa.	7 dams-------	15	10,865	3.4	375
Sire, 660575; dam, 1816628.	Difference---	(2-7-4)	-988	+.4	+2
Herd Owner, Vernon Kuklemeier, Rockford.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WILSONS SIR INKA SEGIS 821514----------	10 daughters-	16	10,762	3.5	376
Born, 11-[illegible]-40; proved, 8-20-48;----; Mich.	8 daughters--	11	10,434	3.5	368
Sire, 766174; dam, 1511242.	8 dams-------	14	11,816	3.4	399
Herd Owner, Charles Figy & Vern Scott, Clayton.	Difference---	(2-7-2)	-1,382	+.1	-31
MISHICOT SIR PIETERTJE PONTIAC 797297----------	12 daughters-	19	10,687	3.3	357
Born, 11-18-39; proved, 8-10-48;----; Wis.	12 dams------	46	9,557	3.8	360
Sire, 669721; dam, 1949019.	Difference---	(9-2-4)	+1,130	-.5	-3
Herd Owner, Alvin F. Jindra & Son, Mishicot.					
MONTVIC PATHFINDER LADDIE (TRIPLET) 835296----------	13 daughters-	16	12,276	3.5	431
Born, 10-10-41; proved, 8-25-48;----; N. Y.	9 daughters--	12	12,644	3.4	434
Sire, 776307; dam, 1963960.	9 dams-------	17	10,715	3.4	367
Herd Owner Peter Lampman, Vernon.	Difference---	(6-6-7)	+1,929	.0	+67
MOOIE DOMINANT PIEBE 774860----------	8 daughters--	12	12,751	3.5	446
Born, 12-2-38; proved, 8-6-48;----; Wis.	7 daughters--	11	12,624	3.4	431
Sire, 584723; dam, 1483543.	7 dams-------	10	13,181	3.5	460
Herd Owner, Benco J. Meyer, Elkhart Lake.	Difference---	(2-3-2)	-557	-.1	-29
MOONLIT PITTS BOB DE KOL 831685----------	5 daughters--	7	11,817	3.5	410
Born, 2-21-41; proved, 8-20-48;----; Iowa.	5 dams-------	9	13,097	3.5	453
Sire, 770202; dam, 1996507.	Difference---	(1-3-2)	-1,280	.0	-43
Herd Owner, William Hamilton & Son, Maynard.					
MT VERNON SIR MAN-O-WAR PIETJE 750356----------	6 daughters--	[illegible]	11,296	3.6	403
Born, 5-16-37; proved, 8-25-48;----; Mass.	6 dams-------	15	11,064	3.2	353
Sire, 709267; dam, 1577640.	Difference---	(3-6-4)	+232	+.4	+50
Herd Owner, Northfield Seminary School for Girls, East Northfield.					
MT LOGAN SIR VALENTINE CHANGELING 763400----------	12 daughters-	13	10,338	3.7	385
Born, 2-23-38; proved, 8-18-48; dead; Idaho.	8 daughters-	9	10,572	3.8	397
Sire, 678686; dam, 1621539.	8 dams-------	22	11,408	3.4	388
Herd Owner. Ed J. Sauer, Rigby.	Difference---	(3-6-5)	-836	+.4	+9
MOUNT MAJOR 731387----------	23 daughters-	33	12,000	3.6	428
Born, 10-11-36; proved, 8-27-48;----; Mass.	7 daughters--	11	11,301	3.5	397
Sire, 709269; dam, 1726309.	7 dams-------	[illegible]	10,851	3.5	377
Herd Owner, Bo[illegible]en's Clover Farm, Andover.	Difference---	(3-5-2)	+450	.0	+20
MILO FIVE TWO-B[illegible]K PRIDE [illegible] COLA W 837326----------	6 daughters--	6	15,771	3.7	585
Born, 7-16-41; proved, 6-[illegible]-48;----; Pa.	5 daughters--	5	15,946	3.8	602
Sire, 603891; dam, 1931478.	5 dams-------	24	14,785	3.5	513
Herd Owner, Western Penitentiary, Bellefonte.	Difference---	(3-5-4)	+1,161	+.3	+89
NITTANYVALE INKA MALAM GREED 804751----------	8 daughters--	10	13,163	3.7	487
Born, 4-22-40; proved, 8-13-48;----; Pa.	8 dams-------	26	13,548	3.5	472
Sire, 561789; dam, 1841950.	Difference---	(3-7-6)	-385	+.2	+15
Herd Owner, Western Penitentiary, Belleforte.					
NITTANYVALE KISMET CAPE 79[illegible] ----------	6 daughters--	7	13,642	3.4	460
Born, 10-31-39; proved, 8-23-48;----; Pa	5 daughters--	6	14,662	3.4	500
Sire, 614239; dam, 1711274.	5 dams-------	10	12,079	3.5	421
Used in Lehigh Valley A. B. A.	Difference---	(4-2-5)	+2,583	-.1	+79
N J E S CONQUEROR INA [illegible]----------	9 daughters--	16	10,298	3.8	389
Born, 4-18-40; proved, 8-[illegible]---; N. J.	9 dams-------	33	10,937	3.6	397
Sire, 673525; dam, 1429090.	Difference---	(2-8-3)	-639	+.2	-8
Herd Owner, Charles V. N. Davis & Son, Somerville.					
NOEL PONTIAC POSCH 788924----------	6 daughters--	12	9,953	3.5	353
Born, 11-3-[illegible] proved, 8-[illegible]----; N. Y.	5 daughters--	11	10,655	3.6	383
Sire, 653[illegible]; dam, [illegible]	5 dams-------	14	11,994	3.7	444
Herd Owner, Yousey Brothers, Akron.	Difference---	(2-2-2)	-1,339	-.1	-61
NORLAND ORMSBY [illegible] ----------	6 daughters--	12	10,972	3.6	396
Born, 5-5-41; proved, 8-30-48;----; Wis.	6 dams-------	11	10,145	3.5	358
Sire, 76327[illegible]	Difference---	(4-3-3)	+827	+.1	+38
Herd Owner, Sidney Norland, Belleville.					
NORTH STAR COMMOD[illegible] 85[illegible] ----------	15 daughters-	15	11,639	3.1	366
Born, 3-14-42; proved, 8-30-48; dead; Ariz.	15 dams------	57	9,122	3.4	308
Sire, 742938; dam, 1975664.	Difference---	(14-3-11)	+2,517	-.3	+58
Herd Owner, Fairview Dairy Farm, Tucson.					
NORTH STAR HAPPY HOMESTEAD [illegible] ----------	22 daughters-	22	13,057	3.4	444
Born, 1-17-40; proved, 8-3-48;----; Minn.	13 daughters-	13	12,745	3.4	436
Sire, 742938; dam, 1896[illegible]	13 dams------	19	11,934	3.4	410
Herd Owner, Minnesota State Prison Farm, Stillwater.	Difference---	(9-6-10)	+811	.0	+26
NORTH STAR PILOT (TWIN) 784[illegible] ----------	8 daughters--	9	12,280	3.2	389
Born, 9-23-39; proved, 8-3-48; dead; Minn.	7 daughters--	[illegible]	12,574	3.2	398
Sire, 742938; dam, 1845375.	7 dams-------	22	12,789	3.0	381
Herd Owner, J. B. Meister & Son, Anoka.	Difference---	(4-7-4)	-215	+.2	+17

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OAKMULGEE NOTTAWAY DUKE 81[illegible]	7 daughters	9	9,10[illegible]	3.7	[illegible]
Born, 12-[illegible]-39; proved, 8-16-48;----; Va.	7 dams	19	7,[illegible]	3.7	357
Sire, 680[illegible]; dam, 1[illegible].	Difference	(3-5-3)	-660	.0	[illegible]
Herd Owner, F. V. Stables & Sons, Crewe.					
OCONBRO PIEBE ETHO GRIMM 71571	6 daughters	9	11,310	3.5	399
Born, 11-[illegible]-39; proved, 8-5-48;----; Wis.	6 dams	19	9,904	3.5	348
Sire, 5[illegible]; dam, 137[illegible].	Difference	(4-4-4)	+1,406	.0	[illegible]
Herd Owner, Colonial Dairy Farms, St. Nazianz.					
OCTAGONDA CORNUCOPIA KORNDYKE 78[illegible]	5 daughters	7	10,156	3.5	353
Born, 1-4-39; proved, 8-6-48; dead; Wis.	5 dams	16	10,461	3.5	[illegible]
Sire, 709533; dam, 1736731.	Difference	(2-3-1)	-305	.0	-10
Herd Owner, Arthur J. Gafke, Fort Atkinson.					
OOSTIE CONTENDER 811874	8 daughters	8	14,064	3.7	[illegible]
Born, 11-11-40; proved, 8-2-48;----; Wis.	7 daughters	7	14,032	3.6	508
Sire, 725856; dam, 1783357.	7 dams	19	9,614	3.7	355
Herd Owner, A. T. Hipke & Sons, New Holstein.	Difference	(7-2-6)	+4,418	-.1	+153
OOSTIE PAYMASTER 21ST (TWIN) 750496	10 daughters	12	11,302	3.5	390
Born, 6-7-37; proved, 8-25-48;----; Wis.	10 dams	31	10,642	3.5	374
Sire, 685009; dam, 1731120.	Difference	(7-5-8)	+660	.0	+16
Herd Owner, John Sattler, Poy Sippi.					
OOSTIE PRIDE INKA 834880	8 daughters	14	13,348	3.5	465
Born, 12-20-40; proved, 8-23-48;----; Wis.	8 dams	21	14,027	3.6	5[illegible]
Sire, 748385; dam, 1941771.	Difference	(2-3-2)	-679	-.1	-47
Herd Owner, Clinton G. Skewes, Union Grove.					
OPEKASIT CREAMELLE ADMIRAL 711939	11 daughters	12	11,834	3.3	390
Born, 10-19-34; proved, 8-5-48;----; Ohio.	7 daughters	7	11,686	3.3	[illegible]
Sire, 664272; dam, 1392590.	7 dams	12	12,943	3.5	45[illegible]
Herd Owner, Cole & Arndt, Sullivan.	Difference	(2-2-1)	-1,257	-.2	-67
ORMSBY CANARY WALDORF 784408	18 daughters	44	10,005	3.4	[illegible]
Born, 6-3-39; proved, 8-[illegible]-48;----; Mont.	8 daughters	24	10,154	3.4	[illegible]
Sire, 659888; dam, 1799692.	8 dams	42	[illegible]	3.7	[illegible]
Herd Owner, Ernest Pene, Butte.	Difference	(8-1-4)	+918	-.3	+3
ORMSBY FAYNE ALCARTRA LYONS 80[illegible]	16 daughters	21	[illegible]	3.6	[illegible]
Born, 3-17-40; proved, 8-3-48; dead; N. Y.	15 daughters	19	9,698	3.6	[illegible]
Sire, 724352; dam, 1756590.	15 dams	34	10,757	3.4	364
Herd Owner, Earl Moulton, [illegible]	Difference	(2-11-3)	-1,059	+.2	-17
ORMSBY FIEBE DE KOL AAGGIE (TWIN) 753654	5 daughters	14	7,[illegible]	3.5	282
Born, 8-15-38; proved, [illegible]; Iowa	5 dams	6	11,212	3.4	[illegible]
Sire, 638409; dam, 1774812.	Difference	(0-4-1)	-3,232	+.1	-95
Herd Owner, Iowa School for the Blind, [illegible]					
ORMSBY SEGIS CLOTHILDE LA[illegible]	8 daughters	12	12,221	3.6	438
Born, 6-29-38; proved, 8-3-48; dead; Mich.	7 daughters	[illegible]	12,[illegible]	3.5	424
Sire, 609776; dam, 2105243.	7 dams	16	12,337	3.3	405
Herd Owner, James Quindau, Williamston.	Difference	(2-5-4)	-392	+.2	+19
OSBORNDALE ADMIRAL INKA MAY 70[illegible]	31 daughters	55	11,686	3.3	388
Born, 11-4-34; proved, 8-[illegible]-48;----; N. Y.	15 daughters	23	11,700	3.3	[illegible]
Sire, 477657; dam, 1376[illegible].	15 dams	36	10,459	3.5	[illegible]
Herd Owner, E. P. Smith, Sherburne.	Difference	(10-3-9)	+1,241	-.2	+21
OSBORNDALE CAPTAIN SPITFIRE 827889 *12	17 daughters	28	12,626	3.6	453
Born, 2-25-41; proved, 8-20-48;----; Pa.	16 daughters	26	12,650	3.6	454
Sire, 760645; dam, 1792376.	16 dams	[illegible]	12,123	3.6	[illegible]
Herd Owner, Charles F. Miller, Greencastle.	Difference	(10-5-9)	+527	.0	+12
OSBORNDALE CHAMPION INKA ORMSBY 782876	12 daughters	[illegible]	12,561	3.7	460
Born, 1-11-39; proved, 8-9-48;----; Vt.	7 daughters	8	11,703	3.7	432
Sire, 760723; dam, 1918100.	7 dams	[illegible]	12,449	3.7	[illegible]
Herd Owner, Rutland W. Al[illegible], [illegible]	Difference	(3-5-3)	-746	.0	-29
OSBORNDALE [illegible] (RED LAD) [illegible]	6 daughters	7	[illegible]	3.8	[illegible]
Born, 8-19-36; proved, 8-9-48; dead; Mass.	6 dams	14	11,292	3.6	[illegible]
Sire, 521877; dam, 1649900.	Difference	(5-5-5)	+2,289	+.2	+106
Herd Owner, Howard Kimball, [illegible]					
OSBORNDALE SIR BESS FOBES ORMSBY 771132	19 daughters	27	12,046	3.8	453
Born, 8-30-38; proved, 8-19-48;----; Wis.	8 daughters	12	[illegible]	3.7	[illegible]
Sire, 521877; dam, 1792373.	8 dams	9	11,883	3.6	432
Herd Owner, Ventnor Farm, [illegible]	Difference	(3-5-3)	[illegible]	+.1	[illegible]
OSBORNDALE SIR BESS SPITFIRE [illegible]	8 daughters	8	13,226	3.3	[illegible]
Born, 2-16-41; proved, 8-20-48;----; Wis	7 daughters	[illegible]	12,874	[illegible]	427
Sire, 790645; dam, 1821477.	7 dams	[illegible]	[illegible]	3.6	484
Herd Owner, [illegible] Farm, [illegible]	Difference	(2-0-1)	[illegible]	-.3	-57

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OSBORNDALE SIR RAG APPLE 820127----------	16 daughters-	21	11,283	3.7	421
Born, 12-5-40; proved, 8-17-48; dead; N. Y.	16 dams------	68	12,689	3.6	454
Sire, 760643; dam, 2072102.	Difference---	(2-11-5)	-1,406	+.1	-33
Herd Owner, Ridgely Farms, Stone Ridge.					
OSBORNDALE SIR TRITOMIA AAGGIE 728773----------	23 daughters-	42	10,447	3.4	353
Born, 5-22-36; proved, 8-10-48;----; N. Y.	6 daughters--	11	9,717	3.5	337
Sire, 668375; dam, 1335949.	6 dams-------	8	13,254	3.3	435
Herd Owner, Robert Y. Walrath, East Springfield.	Difference---	(1-5-1)	-3,537	+.2	-98
PABST BARTA CRUSADER WAYNE 845333----------	9 daughters--	9	12,525	3.7	460
Born, 2-5-42; proved, 8-31-48;----; Wis.	9 dams-------	31	11,644	3.7	435
Sire, 761980; dam, 1934623.	Difference---	(6-5-6)	+881	.0	+25
Herd Owner, Harry G. Zastrow, Manitowoc.					
PABST FASHIONABLE MONTY 737268----------	10 daughters-	12	12,884	3.4	436
Born, 11-11-36; proved, 8-12-48;----; Mich.	7 daughters--	9	11,872	3.4	402
Sire, 696543; dam, 1091423.	7 dams-------	13	13,672	3.5	477
Herd Owner, Baynewood Farms, Romeo.	Difference---	(2-3-2)	-1,800	-.1	-75
PAL KORNDYKE PRIDE POSCH 831946----------	10 daughters-	13	13,070	3.4	448
Born, 11-17-40; proved, 8-23-48;----; Wis.	9 daughters--	12	13,433	3.4	461
Sire, 762097; dam, 1761555.	9 dams-------	27	12,932	3.5	447
Herd Owner, Clarence W. Schuette, Newton.	Difference---	(5-5-5)	+501	-.1	+14
PENSTATE VEEMAN SAILOR 720194----------	35 daughters-	113	11,547	3.3	386
Born, 1-11-36; proved, 8-19-48;----; Pa.	27 daughters-	87	11,384	3.3	379
Sire, 441009; dam, 1489651.	27 dams------	106	11,945	3.3	396
Herd Owner, Preston A. Erway, Genesee.	Difference---	(8-15-10)	-561	.0	-17
PIEBE TRITOMIA MAN-O-WAR 804042----------	7 daughters--	18	12,580	3.4	422
Born, 11-25-39; proved, 8-13-48;----; Iowa.	7 dams-------	21	9,828	3.3	326
Sire, 695146; dam, 1978148.	Difference---	(6-5-6)	+2,752	+.1	+96
Herd Owner, Ernest Miehe, Maynard.					
PIETERTJE SEGIS ORMSBY FOBES 785616----------	7 daughters--	14	12,325	3.3	411
Born, 2-16-39; proved, 8-4-48;----; Wis.	7 dams-------	30	11,442	3.4	387
Sire, 669569; dam, 1610153.	Difference---	(4-3-4)	+883	-.1	+24
Herd Owner, Mark Riley, Monroe.					
PINEBANK WILSONDALE PATHFINDER 801243----------	13 daughters-	25	9,973	3.8	374
Born, 3-30-40; proved, 8-24-48;----; N. Y.	7 daughters--	14	10,071	3.8	379
Sire, 750224; dam, 2036286.	7 dams-------	11	11,570	3.6	419
Herd Owner, Leon Raven, Gouverneur.	Difference---	(2-7-2)	-1,499	+.2	-40
POSCH KING BESSIE ORMSBY PRIDE 821280----------	10 daughters-	11	10,803	3.4	372
Born, 2-3-41; proved, 8-20-48;----; Minn.	9 daughters--	10	11,373	3.4	386
Sire, 760346; dam, 2050363.	9 dams-------	27	14,161	3.3	467
Herd Owner, M. A. Tabbut & Sons, Pelican Rapids.	Difference---	(2-7-3)	-2,788	+.1	-81
POSCH ORMSBY FOBES DICTATOR DELLA 784290----------	12 daughters-	22	10,825	3.6	391
Born, 6-3-39; proved, 8-3-48; dead; Iowa.	10 daughters-	18	10,773	3.6	389
Sire, 662443; dam, 1881730.	10 dams------	22	10,882	3.3	363
Herd Owner, Charles H. Oelerich, Eldridge.	Difference---	(4-8-6)	-109	+.3	+26
POTACO KING ORMSBY POSCH 832417----------	10 daughters-	13	13,684	3.4	461
Born, 6-26-41; proved, 8-18-48;----; N. Y.	9 daughters--	12	13,765	3.4	464
Sire, 675043; dam, 1732800.	9 dams-------	18	13,019	3.5	450
Herd Owner, C. H. Murray, Ithaca.	Difference---	(5-4-6)	+746	-.1	+14
PREMIER ABBEKERK COLANTHA LAD 636049----------	10 daughters-	17	11,036	3.2	358
Born, 11-23-29; proved, 8-9-48;----; N. Y.	8 daughters--	14	10,854	3.2	352
Sire, 599873; dam, 1289969.	8 dams-------	25	11,465	3.4	385
Herd Owner, Floyd J. Scheifele, Verona.	Difference---	(3-3-2)	-611	-.2	-33
PRILLY PERFECTION PIEBE 796663----------	8 daughters--	9	9,927	3.9	387
Born, 10-31-39; proved, 8-18-48;----; N. J.	6 daughters--	6	10,540	3.7	392
Sire, 714270; dam, 1754713.	6 dams-------	12	10,321	3.4	354
Herd Owner, Walter E. Sutphen, Three Bridges.	Difference---	(4-5-5)	+219	+.3	+38
PRINCE DENVER HOMESTEAD 794812----------	10 daughters-	10	11,187	3.6	403
Born, 10-13-39; proved, 7-23-48;----; Wis.	9 daughters--	9	11,214	3.6	404
Sire, 631492; dam, 1411850.	9 dams-------	17	10,046	3.5	348
Herd Owner, Howard S. Wentworth, Edgerton.	Difference---	(7-7-7)	+1,168	+.1	+56
PRINCE HOMESTEAD PROSPECT 710407----------	9 daughters--	18	13,296	3.6	478
Born, 8-14-34; proved, 8-5-48; dead; Wash.	5 daughters--	11	13,493	3.5	479
Sire, 604865; dam, 1350504.	5 dams-------	12	13,480	3.4	460
Herd Owner, A. P. Schuurman, Kent.	Difference---	(2-3-3)	+13	+.1	+19
PRINCE KEVIN POSCH 767228----------	25 daughters-	30	11,397	3.4	384
Born, 3-17-38; proved, 8-12-48; alive; N. Y.	14 daughters-	15	11,233	3.3	371
Sire, 661108; dam, 1301430.	14 dams------	28	10,565	3.4	364
Herd Owner, McLean Farms, Greene.	Difference---	(10-6-7)	+668	-.1	+7

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PRUYNEDALE HOMESTEAD STAR 715955----------	5 daughters--	6	11,672	3.8	438
Born, 2-1-35; proved, 8-3-48;----; N. Y.	5 dams-------	24	12,667	3.7	469
Sire, 535117; dam, 1294716.	Difference---	(1-3-2)	-995	+.1	-31
Herd Owner, Clarence E. Eldridge, Pine Plains.					
QUALITY PARK SIR ORMSBY BONNIE 716918----------	13 daughters-	15	12,556	3.5	440
Born, 7-3-36; proved, 8-3-48;----; Wis.	8 daughters--	10	13,806	3.4	474
Sire, 674972; dam, 1238535.	8 dams-------	17	11,634	3.3	387
Herd Owner, Howard B. Godden, Roberts.	Difference---	(7-6-8)	+2,172	+.1	+87
QUALITY PARK SIR ORMSBY FOBES 4TH 756858----------	20 daughters-	31	11,557	3.7	425
Born, 2-8-38; proved, 8-25-48;----; Wis.	13 daughters-	19	12,442	3.7	460
Sire, 692316; dam, 1320473.	13 dams------	25	13,183	3.4	454
Herd Owner, Howard B. Godden, Roberts.	Difference---	(3-12-5)	-741	+.3	+6
QUALITY PARK SIR ORMSBY FOBES 8TH 759309----------	7 daughters--	13	9,668	3.4	327
Born, 4-28-38; proved, 8-24-48;----; Wis.	7 dams-------	22	9,249	3.3	309
Sire, 692316; dam, 1762650.	Difference---	(5-5-5)	+419	+.1	+18
Herd Owner, D. V. Nusbaum, Park Falls.					
QUIN-DALE TRITOMIA ORMSBY INKA 813516----------	8 daughters--	11	15,025	3.4	506
Born, 12-20-40; proved, 8-20-48;----; Kans.	7 daughters--	10	15,084	3.4	510
Sire, 778750; dam, 2031423.	7 dams-------	11	13,319	3.3	441
Herd Owner, Heersche Brothers, Mulvane.	Difference---	(5-4-5)	+1,765	+.1	+69
QUONQUONT CAVALIER MODEST 705673----------	16 daughters-	38	10,494	3.5	364
Born, 8-22-34; proved, 8-2-48;----; Pa.	11 daughters-	20	10,234	3.5	362
Sire, 664552; dam, 1522533.	11 dams------	29	11,386	3.2	366
Herd Owner, Eugene Stapler & Son, Yardley.	Difference---	(4-11-4)	-1,152	+.3	-4
QUONQUONT MINNET PLUTO 767220 *11----------	11 daughters-	20	7,908	3.7	293
Born, 7-29-38; proved, 8-12-48; dead; Vt.	11 dams------	31	8,557	3.5	303
Sire, 646624; dam, 1844899.	Difference---	(4-9-5)	-649	+.2	-10
Herd Owner, George B. Hathorn, White River Junction.					
QUONQUONT SIR MODEST 68TH 785032----------	17 daughters-	24	12,166	3.4	411
Born, 11-10-39; proved, 8-9-48; dead; N. Y.	14 daughters-	18	12,289	3.4	415
Sire, 603561; dam, 1522534.	14 dams------	49	12,038	3.4	406
Herd Owner, George Francis, Jr., Palmyra.	Difference---	(7-8-6)	+251	.0	+9
RAG APPLE DOWNEASTER 795235----------	11 daughters-	15	12,793	3.4	433
Born, 1-14-39; proved, 8-2-48; dead; Iowa.	6 daughters--	7	12,656	3.4	432
Sire, 109167 CHB.; dam, 2024287.	6 dams-------	16	12,292	3.4	415
Herd Owner, Gingerich & Yoder, Wellman.	Difference---	(4-3-4)	+364	.0	+17
RAWLEIGH IOWANA BUTTERCUP 769253----------	5 daughters--	6	11,660	3.6	423
Born, 1-18-39; proved, 8-11-48;----; Ill.	5 dams-------	18	12,372	3.6	441
Sire, 656024; dam, 1326510.	Difference---	(2-3-2)	-712	.0	-18
Herd Owner, W. T. Rawleigh Co., Freeport.					
RELLUM ENSIGN 836037----------	8 daughters--	12	10,278	3.7	379
Born, 10-19-40; proved, 8-25-48;----; Iowa.	5 daughters--	8	10,956	3.7	408
Sire, 677720; dam, 1974639.	5 dams-------	25	11,279	3.7	416
Herd Owner, Harvey J. Miller, Kalona.	Difference---	(2-4-1)	-323	.0	-8
RESTAF ORMSBY SEGIS 682892----------	16 daughters-	26	10,446	3.6	378
Born, 10-8-32; proved, 8-9-48;----; Del.	8 daughters--	12	10,139	3.7	378
Sire, 500000; dam, 818123.	8 dams-------	17	10,858	3.5	383
Herd Owner, Fred R. Stafford, New Castle.	Difference---	(3-6-5)	-719	+.2	-5
RIDGEPORT PRILLY GERBEN FAYNE (TWIN) 832449----------	6 daughters--	6	10,745	3.5	380
Born, 8-10-41; proved, 8-24-48;----; Wash.	5 daughters--	5	10,649	3.5	376
Sire, 785263; dam, 1545647.	5 dams-------	8	11,459	3.6	412
Herd Owner, Ridgeport Dairy, Vancouver.	Difference---	(2-3-2)	-810	-.1	-36
ROBENS FARMS DE KOL 759203----------	10 daughters-	20	8,937	3.4	304
Born, 1-4-38; proved, 8-25-48; dead; N. Y.	5 daughters--	10	8,703	3.5	304
Sire, 690780; dam, 1529848.	5 dams-------	15	9,572	3.5	339
Herd Owner, Paul Fish, East Freetown.	Difference---	(1-3-1)	-869	.0	-35
ROCHEDALE ARTIS ORMSBY 807853----------	6 daughters--	11	9,426	3.6	338
Born, 12-30-39; proved, 8-18-48;----; Wis.	5 daughters--	8	9,089	3.6	326
Sire, 743251; dam, 2141130.	5 dams-------	9	12,365	3.8	473
Herd Owner, Carl Lewke, Columbus.	Difference---	(0-1-0)	-3,276	-.2	-147
ROLMAR ORMSBY FOBES STAR 851096----------	11 daughters-	12	10,797	3.7	398
Born, 1-6-42; proved, 8-30-48;----; N. J.	10 daughters-	11	10,842	3.7	403
Sire, 701073; dam, 1995913.	10 dams------	26	11,603	3.6	419
Herd Owner, Tranquility Farm, Allamuchy.	Difference---	(3-7-3)	-761	+.1	-16
ROSNI HOMESTEAD DIONE HALE 831977----------	7 daughters--	7	15,642	3.3	513
Born, 11-12-40; proved, 8-20-48; alive; Va.	6 daughters--	6	15,771	3.3	514
Sire, 654536; dam, 1585750.	6 dams-------	14	12,977	3.4	439
Herd Owner, Mrs. Frank S. Walker, Orange.	Difference---	(5-1-5)	+2,794	-.1	+75

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROYER PATSY KING BESSIE 804808----------	7 daughters--	7	11,312	3.3	368
Born, 1-18-40; proved, 8-20-48;----; Wis.	6 daughters--	6	11,072	3.3	364
Sire, 711327; dam, 1363182.	6 dams-------	19	11,780	3.4	396
Herd Owner, Clark McConnell, Ripon.	Difference---	(1-3-3)	-708	-.1	-32
RUBEN ORMSBY OF SCHRIERDALE 836430----------	6 daughters--	7	9,874	3.6	354
Born, 11-3-41; proved, 8-31-48;----; Iowa.	6 dams-------	24	12,748	3.4	433
Sire, 787346; dam, 1729776.	Difference---	(0-5-0)	-2,874	+.2	-79
Herd Owner, Alex A. Seedorff, Lamont.					
RUSH VALLEY KING MAURICE 849473----------	5 daughters--	9	10,445	3.4	355
Born, 2-12-41; proved, 8-31-48;----; Pa.	5 dams-------	12	9,106	3.5	315
Sire, 747836; dam, 1932259.	Difference---	(3-2-4)	+1,339	-.1	+40
Herd Owner, Harvey Murphy, Norristown.					
SALADIN BLUMINE 814321----------	9 daughters--	12	11,298	3.5	400
Born, 7-30-40; proved, 8-20-48;----; Wis.	7 daughters--	9	11,199	3.5	392
Sire, 121572 CHB.; dam, 2135459.	7 dams-------	14	10,310	3.4	350
Herd Owner, Mrs. Emma Bartelt, Juneau.	Difference---	(3-5-3)	+889	+.1	+42
S B A IMPERIAL 842924----------	5 daughters--	8	14,675	3.4	503
Born, 5-19-39; proved, 8-30-48;----; Kans.	5 dams-------	15	12,625	3.5	441
Sire, 673921; dam, 1668337.	Difference---	(5-2-5)	+2,050	-.1	+62
Herd Owner, Security Benefit Association, Topeka.					
SEGIS CARNATION LADY EBENEZER 850471----------	8 daughters--	12	11,426	3.6	412
Born, 9-27-41; proved, 8-31-48;----; Wis.	7 daughters--	11	11,102	3.6	397
Sire, 697680; dam, 1565703.	7 dams-------	37	10,878	3.5	376
Herd Owner, Roy E. Haas, Jefferson.	Difference---	(5-5-5)	+224	+.1	+21
SEGIS FAYNE PONTIAC LAD 719363----------	29 daughters-	30	6,067	3.4	207
Born, 1-31-33; proved, 8-5-48; dead; La.	6 daughters--	6	5,455	3.5	190
Sire, 588584; dam, 1392995.	6 dams-------	6	9,218	3.4	312
Herd Owner, East Louisiana State Hospital, Jackson.	Difference---	(0-3-0)	-3,763	+.1	-122
SEGIS ORMSBY POSCH VALE 763417----------	9 daughters--	13	11,100	3.4	376
Born, 11-16-37; proved, 8-25-48;----; Pa.	6 daughters--	8	11,279	3.3	374
Sire, 673548; dam, 1792265.	6 dams-------	20	10,651	3.2	345
Herd Owner, Crystella Dairy Farm, Springville.	Difference---	(5-4-5)	+628	+.1	+29
SEGIS TANNHAUSER ECHO 775229----------	8 daughters--	10	11,460	3.4	385
Born, 2-22-39; proved, 8-10-48; dead; Minn.	6 daughters--	7	11,130	3.4	379
Sire, 669791; dam, 1516962.	6 dams-------	15	11,976	3.5	421
Herd Owner, St. Mary's College, Winona.	Difference---	(1-2-2)	-846	-.1	-42
SENATOR BESSIE SUNFLOWER 763867----------	5 daughters--	6	11,000	3.1	338
Born, 8-17-38;proved, 8-18-48;----; Ill.	5 dams-------	10	12,122	3.5	428
Sire, 741205; dam, 1950684.	Difference---	(1-0-0)	-1,122	-.4	-90
Herd Owner, Hawthorn Farm, Libertyville.					
SENATOR POSCH ORMSBY FOBES 781038----------	5 daughters--	11	12,430	3.6	449
Born, 5-6-39; proved, 8-31-48;----; Iowa.	5 dams-------	20	12,143	3.7	446
Sire, 623972; dam, 1574087.	Difference---	(2-3-2)	+287	-.1	+3
Herd Owner, R. C. Brown, Paullina.					
SHIAWANA TOP HAT 832407----------	7 daughters--	9	13,377	3.6	478
Born, 10-9-41; proved, 8-30-48;----; Mich.	5 daughters--	6	13,851	3.6	503
Sire, 670314; dam, 2063409.	5 dams-------	10	11,729	3.5	416
Used in Michigan Co-op. A. B. A.	Difference---	(4-4-5)	+2,122	+.1	+87
SIR ADMIRAL PAULINE FOBES 777866----------	12 daughters-	14	11,812	3.6	422
Born, 10-8-38; proved, 8-23-48; dead; Mo.	11 daughters-	13	11,792	3.6	420
Sire, 717831; dam, 1894940.	11 dams------	41	10,880	3.6	395
Herd Owner, St. Mary's Seminary, Perryville.	Difference---	(9-4-9)	+912	.0	+25
SIR BESS BURKE PAYMASTER 784824----------	8 daughters--	8	9,891	3.3	325
Born, 12-1-38; proved, 8-4-48;----; Minn.	6 daughters--	6	9,291	3.2	300
Sire, 738052; dam, 1864797.	6 dams-------	25	8,833	3.6	317
Herd Owner, Schultz Brothers, Truman.	Difference---	(4-1-1)	+458	-.4	-17
SIR BESSIE BURKE TRANSMITTER 836845----------	10 daughters-	14	13,619	3.5	475
Born, 8-18-41; proved, 8-20-48;----; Iowa.	8 daughters--	10	13,906	3.5	488
Sire, 754520; dam, 1674879.	8 dams-------	30	13,845	3.4	474
Herd Owner, Meyer & Nauholz, Westgate.	Difference---	(4-7-5)	+61	+.1	+14
SIR BESS OLLIE 812383----------	7 daughters--	8	11,723	3.4	404
Born, 12-31-39; proved, 8-18-48;----; Wis.	5 daughters--	5	11,562	3.5	401
Sire, 769879; dam, 1691223.	5 dams-------	21	10,596	3.4	365
Herd Owner, Benjamin W. Kohlwey, Grafton.	Difference---	(4-3-3)	+966	+.1	+36
SIR BESS ORMSBY DEAN 10TH 843135----------	6 daughters--	7	9,481	4.3	403
Born, 11-12-41; proved, 8-30-48;----; Iowa.	6 dams-------	16	10,539	3.3	347
Sire, 761974; dam, 2049916.	Difference---	(1-6-5)	-1,058	+1.0	+56
Herd Owner, George A. Kilen, Lake Mills.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SIR BESS ORMSBY FOBES DE KOL DOUBLE 804958----------	8 daughters--	13	7,487	3.5	261
Born, 3-24-40; proved, 8-13-48;----; Iowa.	5 daughters--	7	7,149	3.4	243
Sire, 698662; dam, 2001439.	5 dams-------	14	10,868	3.4	365
Herd Owner, Harry Gibbs, Earlville.	Difference---	(1-2-0)	-3,719	.0	-122
SIR BESS ORMSBY FOBES TIDY 677648 *8----------	30 daughters-	42	12,308	3.6	443
Born, 8-7-32; proved, 8-30-48;----; Wis.	27 daughters-	39	12,132	3.6	437
Sire, 514545; dam, 1189675.	27 dams------	90	12,757	3.5	449
Herd Owner, Lynn Carns, Platteville.	Difference---	(11-18-13)	-625	+.1	-12
SIR BOSS 15TH 713116----------	10 daughters-	13	10,356	3.4	352
Born, 3-30-35; proved, 8-3-48; dead; N. Y.	5 daughters--	7	11,169	3.2	362
Sire, 643930; dam, 1396131.	5 dams-------	11	12,889	3.5	454
Herd Owner, Robert W. Stephenson & Son, Sauquoit.	Difference---	(1-0-1)	-1,720	-.3	-92
SIR FOBES PAPOOSE JEWEL 779672----------	40 daughters-	85	9,059	3.7	333
Born, 2-5-39; proved, 8-30-48;----; Minn.	29 daughters-	52	9,061	3.7	332
Sire, 745240; dam, 1659187.	29 dams------	91	8,755	3.5	309
Herd Owner, Joel Clementson, Zumbrota.	Difference---	(18-22-20)	+306	+.2	+23
SIR FORWARD FRINDAELLA 807550----------	12 daughters-	15	9,417	3.3	313
Born, 7-14-40; proved, 8-13-48; dead; N. J.	10 daughters-	13	9,157	3.3	302
Sire, 763922; dam, 1429732.	10 dams------	22	10,396	3.3	339
Herd Owner, State Hospital, Greystone Park.	Difference---	(2-8-2)	-1,239	.0	-37
SIR HEILO MEAD 785491----------	17 daughters-	29	9,511	3.7	355
Born, 4-25-39; proved, 8-6-48; dead; Calif.	6 daughters--	10	10,000	3.6	364
Sire, 778126; dam, 2025199.	6 dams-------	16	8,644	3.6	309
Herd Owner, Patterson Ranch Co., Patterson.	Difference---	(5-4-4)	+1,356	.0	+55
SIR INKA HEMLOCK HUFF 812450----------	6 daughters--	8	8,853	3.4	299
Born, 12-19-40; proved, 8-27-48;----; N. Y.	6 dams-------	18	9,098	3.5	321
Sire, 728771; dam, 1780917.	Difference---	(2-2-2)	-245	-.1	-22
Herd Owner, W. J. Hart & Son, Piffard.					
SIR NINETEEN FORTY DESIGN 792906----------	11 daughters-	19	11,446	3.5	405
Born, 1-1-40; proved, 8-3-48; dead; N. J.	7 daughters--	11	11,277	3.5	400
Sire, 738106; dam, 1845178.	7 dams-------	15	12,692	3.9	493
Herd Owner, Warren J. Van Wagoner, Titusville.	Difference---	(2-0-2)	-1,415	-.4	-93
SIR ORMSBY CREATION 757438----------	5 daughters--	5	9,939	3.3	332
Born, 3-5-38; proved, 8-31-48;----; N. Y.	5 dams-------	14	11,707	3.1	361
Sire, 616990; dam, 1818167.	Difference---	(1-5-2)	-1,768	+.2	-29
Herd Owner, Hunt Brothers, Walton.					
SIR ORMSBY FOBES DICTATOR 36TH 813741----------	6 daughters--	7	11,037	3.4	371
Born, 8-25-40; proved, 8-17-48; dead; Minn.	5 daughters--	6	11,149	3.4	379
Sire, 662443; dam, 1725087.	5 dams-------	9	13,204	3.4	448
Herd Owner, Charles Reineke & Son, Morristown.	Difference---	(1-4-1)	-2,055	.0	-69
SIR ORMSBY OF QUALITY PARK 11TH 702475----------	10 daughters-	16	10,632	3.2	338
Born, 12-11-33; proved, 8-5-48; dead; Minn.	5 daughters--	8	10,812	3.2	346
Sire, 530991; dam, 1285207.	5 dams-------	15	12,850	3.2	418
Herd Owner, Carl K. Lunde & Son, Hayward.	Difference---	(1-2-1)	-2,038	.0	-72
SIR ORMSBY PRILLY PIETERTJE 812986----------	5 daughters--	9	11,616	3.6	415
Born, 11-29-40; proved, 8-17-48;----; Wis.	5 dams-------	21	10,172	3.6	369
Sire, 673465; dam, 2104051.	Difference---	(5-3-4)	+1,444	.0	+46
Herd Owner, Walter J. Siemers, Cleveland.					
SIR PABST CASCADE PATSY 821390----------	7 daughters--	8	11,350	3.8	432
Born, 11-27-40; proved, 8-31-48;----; Iowa.	5 daughters--	6	11,512	3.7	428
Sire, 704741; dam, 1959579.	5 dams-------	11	12,689	3.6	451
Herd Owner, Fred W. Schlichting, Mason City.	Difference---	(3-3-2)	-1,177	+.1	-23
SIR PEERLESS WALDORF BURKE 823646----------	12 daughters-	16	12,514	3.4	425
Born, 3-28-41; proved, 8-23-48;----; Oreg.	7 daughters--	10	12,874	3.3	431
Sire, 703773; dam, 2043455.	7 dams-------	12	12,739	3.5	448
Herd Owner, Vandecoevering Brothers, Mt. Angel.	Difference---	(4-1-4)	+135	-.2	-17
SIR PIEBE ORMSBY POSCH SEGIS 809523----------	10 daughters-	11	11,847	3.4	407
Born, 7-6-40; proved, 8-26-48;----; Ill.	8 daughters--	9	11,760	3.4	398
Sire, 757308; dam, 2017194.	8 dams-------	33	11,670	3.5	405
Herd Owner, George Leikam, Prairie View.	Difference---	(4-5-3)	+90	-.1	-7
SIR POSCH HENGERVELD ROSY 779443----------	12 daughters-	12	10,880	3.5	377
Born, 1-24-39; proved, 8-25-48;----; Ill.	8 daughters--	8	10,640	3.4	366
Sire, 714953; dam, 1746181.	8 dams-------	10	13,132	3.5	464
Herd Owner, McQueen & Robey, Elgin.	Difference---	(1-4-1)	-2,492	-.1	-98
SIR POSCH PONTIAC BOAST 811214----------	8 daughters--	11	11,329	3.6	408
Born, 3-9-40; proved, 8-2-48;----; Colo.	7 daughters--	9	11,133	3.6	402
Sire, 756954; dam, 1945999.	7 dams-------	25	10,385	3.5	361
Herd Owner, State Industrial School, Golden.	Difference---	(5-4-6)	+748	+.1	+41

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR POSCH RAWLEIGH CHAMPION 831243----------	5 daughters--	8	12,158	3.5	420
Born, 2-12-40; proved, 8-30-48;----; Wis.	5 dams-------	32	12,100	3.3	400
Sire, 729743; dam, 1888438.	Difference---	(3-3-3)	+58	+.2	+20
Herd Owner, Gerhardt D. Seefeldt, Theresa.					
SIR RUBY ESTHER ORMSBY HEEGSTRA 749986----------	5 daughters--	8	7,071	3.4	242
Born, 1-4-37; proved, 8-24-48;----; Wis.	5 dams-------	16	9,233	3.4	315
Sire, 694894; dam, 1901389.	Difference---	(0-3-0)	-2,162	.0	-73
Herd Owner, Otto Heisig & Son, Columbus.					
SIR STAR SKYLARK BUTTER BOY 849503----------	7 daughters--	9	13,459	3.9	526
Born, 11-9-41; proved, 8-30-48;----; Wis.	5 daughters--	7	12,902	3.9	507
Sire, 802232; dam, 1993685.	5 dams-------	15	11,653	3.8	439
Herd Owner, Herbert Lepien, Hartford.	Difference---	(4-3-4)	+1,249	+.1	+68
SIR TRIUNE ROSE PIEBE 795605----------	5 daughters--	8	10,404	3.9	402
Born, 10-7-39; proved, 8-2-48;----; Iowa.	5 dams-------	16	9,994	3.9	388
Sire, 737357; dam, 1793562.	Difference---	(2-2-2)	+410	.0	+14
Herd Owner, Will D. Miller, Grundy Center.					
SIR WAYNE AAGGIE HENGERVELD 828278----------	11 daughters-	15	10,550	3.4	358
Born, 6-19-40; proved, 8-10-48; dead; N. Y.	7 daughters--	11	11,025	3.4	377
Sire, 741915; dam, 1692732.	7 dams-------	7	10,592	3.1	325
Herd Owner, Thomas Hamilton, Pavilion.	Difference---	(5-6-5)	+433	+.3	+52
SKYLARK PRIDE PERFECTION FOBES 798226----------	11 daughters-	11	12,389	3.7	460
Born, 2-27-40; proved, 8-18-48;----; Ill.	8 daughters--	8	13,484	3.6	480
Sire, 754520; dam, 1872547.	8 dams-------	31	13,914	3.4	478
Herd Owner, Clarkdale Farm, Barrington.	Difference---	(3-4-5)	-430	+.2	+2
SMITHOME KING PIEBE BOAST 770425----------	7 daughters--	10	11,541	3.6	414
Born, 4-18-38; proved, 8-31-48;----; N. Y.	6 daughters--	9	11,420	3.6	412
Sire, 593854; dam, 1591105.	6 dams-------	17	10,798	3.6	387
Herd Owner, Milton A. Roy, Horseheads.	Difference---	(4-4-4)	+622	.0	+25
SOUTH BRANCH KING CAROL 804452----------	8 daughters--	12	11,179	3.6	403
Born, 3-24-40; proved, 8-13-48;----; Minn.	8 dams-------	24	12,407	3.4	426
Sire, 777667; dam, 1859451.	Difference---	(2-5-3)	-1,228	+.2	-23
Herd Owner, Fred M. Quindel, St. James.					
SOWISCOL B B PRIDE ACE 733748----------	25 daughters-	30	12,894	3.4	441
Born, 8-7-36; proved, 8-16-48;----; Wis.	21 daughters-	25	12,631	3.4	427
Sire, 554771; dam, 1623700.	21 dams------	54	11,734	3.5	410
Herd Owner, Mendota State Hospital, Mendota.	Difference---	(13-9-13)	+897	-.1	+17
SOWISCOL DON SYLVIA SEGIS 832214----------	11 daughters-	13	10,953	3.9	422
Born, 8-14-41; proved, 8-23-48;----; Wis.	11 dams------	31	10,588	3.7	388
Sire, 688258; dam, 1577299.	Difference---	(7-9-7)	+365	+.2	+34
Herd Owner, Racine County Asylum, Racine.					
SPRINGDALE GILT EDGE MARATHON 777555----------	6 daughters--	11	12,326	3.3	406
Born, 10-12-38; proved, 8-19-48;----; N. Y.	5 daughters--	9	11,796	3.2	381
Sire, 733517; dam, 1316936.	5 dams-------	16	12,120	3.4	407
Herd Owner, Robert Rustan & Son, Oneonta.	Difference---	(3-2-1)	-324	-.2	-26
SPRINGHOLM CANARY PRINCE 804539----------	9 daughters--	9	13,364	3.4	461
Born, 10-10-39; proved, 8-16-48;----; N. Y.	7 daughters--	7	13,292	3.4	457
Sire, 733517; dam, 1834775.	7 dams-------	24	15,332	3.3	509
Herd Owner, Shepherd Brothers, Weedsport.	Difference---	(1-5-2)	-2,040	+.1	-52
STEVES FARM SEGIS WALKER 837220----------	7 daughters--	7	11,474	3.6	408
Born, 11-18-41; proved, 8-23-48;----; Pa.	6 daughters--	6	11,837	3.5	413
Sire, 782018; dam, 2084751.	6 dams-------	10	10,605	3.8	401
Herd Owner, Burl Hayes & Son, Edinboro.	Difference---	(4-1-3)	+1,232	-.3	+12
SUNNYBANK STYLIST PERFECTION 779136----------	6 daughters--	9	11,693	4.0	470
Born, 10-29-38; proved, 8-31-48;----; Iowa.	6 dams-------	14	10,948	3.8	419
Sire, 710813; dam, 1422984.	Difference---	(3-4-4)	+745	+.2	+51
Herd Owner, W. D. Mitchell, Reinbeck.					
SX MATADOR ROYAL 835371----------	8 daughters--	10	11,330	3.5	396
Born, 5-12-41; proved, 8-23-48;----; Pa.	7 daughters--	9	11,634	3.4	401
Sire, 724944; dam, 1942003.	7 dams-------	31	10,640	3.7	396
Herd Owner, Charles C. Hoffer, Carlisle.	Difference---	(5-2-4)	+994	-.3	+5
SYLVAN DELL KING PIEBE DE KOL 760804----------	9 daughters--	17	12,998	3.3	430
Born, 2-18-38; proved, 8-25-48;----; Ill.	6 daughters--	12	12,486	3.2	401
Sire, 711244; dam, 1592223.	6 dams-------	19	10,116	3.6	369
Herd Owner, Joe Cohorst & Sons, Wheeler.	Difference---	(5-1-4)	+2,370	-.4	+32
TEDELLEN FOBES GERBEN PONTIAC 850888----------	6 daughters--	11	11,846	3.8	452
Born, 8-19-41; proved, 8-27-48;----; Ill.	5 daughters--	10	11,711	3.8	451
Sire, 780768; dam, 1847005.	5 dams-------	13	9,857	3.9	387
Herd Owner, Elroy Meyer, Roselle.	Difference---	(4-3-4)	+1,854	-.1	+64

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MIDY MUTUAL OLLIE BURKE 807320	8 daughters--	9	9,301	3.7	345
Born, 3-5-40; proved, 8-11-48;----; Wis.	8 dams-------	30	9,497	3.6	337
Sire, 763134; dam, 1935220.	Difference---	(4-6-4)	-196	+.1	+8
Herd Owner, H. O. Aavang, Barneveld.					
TILFA MAN-O-WAR PRIDE MASTERPIECE 820596	11 daughters-	11	12,190	3.1	379
Born, 2-11-41; proved, 8-20-48;----; Minn.	11 dams------	37	12,163	3.3	405
Sire, 776127; dam, 2046608.	Difference---	(5-2-4)	+27	-.2	-26
Herd Owner, John O. Talley, Fairmont.					
TILFA MAN-O-WAR SALLY VICTOR 812239	8 daughters--	10	9,700	3.6	347
Born, 12-2-40; proved, 8-16-48;----; Minn.	5 daughters--	7	8,962	3.6	320
Sire, 776127; dam, 2048393.	5 dams-------	18	11,068	3.8	422
Herd Owner, Raymond Schwanz, Truman.	Difference---	(1-2-0)	-2,106	-.2	-102
TOPPIN VIEW RETREAT DUKE 803806	7 daughters--	8	10,254	3.7	378
Born, 1-27-40; proved, 8-6-48; dead; N. Y.	5 daughters--	6	10,242	3.7	378
Sire, 759735; dam, 1913371.	5 dams-------	13	9,948	3.6	361
Herd Owner, Raymond P. Ernenwein, Verona.	Difference---	(3-3-3)	+294	+.1	+17
TREEHAVEN FERDINAND ORMSBY VALE 766703	6 daughters--	13	10,802	3.7	400
Born, 4-1-38; proved, 8-4-48;----; N. Y.	6 dams-------	25	11,387	3.5	400
Sire, 708835; dam, 1436055.	Difference---	(3-6-3)	-585	+.2	0
Herd Owner, LaVerne Davis & Sons, Verona.					
TRITOMIA O PRIDE OLLIE BURKE 836253	16 daughters-	17	11,762	3.7	432
Born, 3-19-41; proved, 8-26-48;----; Wis.	10 daughters-	10	12,267	3.8	463
Sire, 763134; dam, 1632350.	10 dams------	21	11,793	3.7	431
Herd Owner, Harold R. Tuffley, Boscobel.	Difference---	(5-5-6)	+474	+.1	+32
TRULEA VALDESSA KING 711804	20 daughters-	64	12,795	3.4	437
Born, 9-18-35; proved, 8-5-48;----; N. Y.	8 daughters--	32	12,178	3.5	429
Sire, 612724; dam, 1671757.	8 dams-------	22	11,327	3.5	397
Herd Owner, Peter Lampman, Vernon.	Difference---	(5-4-5)	+851	.0	+32
TWI-KLAPRIDE ALLI-FRIEND TWI-PAUL 776889	5 daughters--	7	12,584	3.6	447
Born, 10-24-38; proved, 8-25-48;----; Mont.	5 dams-------	14	13,371	3.7	492
Sire, 658205; dam, 1663048.	Difference---	(1-2-1)	-787	-.1	-45
Herd Owner, J. C. Steiner, Billings.					
TWIN COUNTY SIR MERCEDES PATRIARCH 844343	5 daughters--	7	10,341	3.9	405
Born, 7-21-41; proved, 8-30-48;----; Ohio	5 dams-------	20	12,200	3.6	435
Sire, 788618; dam, 2152042.	Difference---	(0-5-2)	-1,859	+.3	-30
Herd Owner. Otis Lyndes, Grafton.					
TYPLUS FRANK ORMSBY DE KOL 836461	12 daughters-	12	11,249	3.4	387
Born, 11-3-41; proved, 8-26-48;----; Iowa.	10 daughters-	10	11,742	3.4	394
Sire, 729030; dam, 2144438.	10 dams------	26	10,777	3.5	378
Herd Owner, William J. Taylor & Son, Forest City.	Difference---	(6-3-5)	+965	-.1	+16
U OF MD MASTER MATCHLESS 854668	5 daughters--	5	14,626	3.3	488
Born, 5-24-42; proved, 8-24-48;----; Md.	5 dams-------	12	11,855	3.4	402
Sire, 751641; dam, 1942542.	Difference---	(4-3-4)	+2,771	-.1	+86
Herd Owner, F. Bennett Carter, Centerville.					
U V M IDEAL LAD 2D 773460	10 daughters-	10	13,311	3.4	453
Born, 10-8-38; proved, 8-10-48;----; Vt.	10 dams------	28	11,345	3.6	407
Sire, 734441; dam, 1799829.	Difference---	(9-2-9)	+1,966	-.2	+46
Herd Owner, George D. Bailey, Rochester.					
VEHICLE CITY PIEBE WALKER 795488	9 daughters--	11	10,724	3.4	370
Born, 9-1-39; proved, 8-2-48;----; Mich.	5 daughters--	6	10,951	3.3	362
Sire, 716336; dam, 1567346.	5 dams-------	17	10,656	3.8	403
Herd Owner, Art Erdman, Minden City.	Difference---	(2-1-1)	+295	-.5	-41
VENTNOR HOLLY FOBES ORMSBY 835252	13 daughters-	15	11,260	3.6	409
Born, 10-17-41; proved, 8-31-48;----; Wis.	12 daughters-	13	11,467	3.6	415
Sire, 771132; dam, 2018924.	12 dams------	25	12,165	3.3	397
Herd Owner, Arthur Tollefson, Orfordville.	Difference---	(5-10-7)	-698	+.3	+18
VENTNOR VICTORIOUS FOBES ORMSBY 835251	15 daughters-	16	12,459	4.0	493
Born, 10-4-41; proved, 8-24-48;----; Wis.	12 daughters-	13	12,833	4.0	508
Sire, 771132; dam, 1769664.	12 dams------	34	10,134	3.9	391
Herd Owner, Clarence J. Pester, Whitewater.	Difference---	10-6-12)	+2,699	+.1	+117
VERNREEN DE VRIES STAR EXCELLENCY 835712	8 daughters--	8	11,243	3.0	333
Born, 12-20-40; proved, 8-24-48;----; Minn.	6 daughters--	6	11,140	3.0	333
Sire, 781833; dam, 2174525.	6 dams-------	6	10,762	3.6	384
Herd Owner, James L. Morton, Jr., Hancock.	Difference---	(2-0-1)	+378	-.6	-51
VERNWAY LEDA SUPER 802805	5 daughters--	6	11,113	3.4	376
Born, 10-18-39; proved, 8-6-48;----; Wash.	5 dams-------	17	10,833	3.4	367
Sire, 752698; dam, 1587233.	Difference---	(3-3-3)	+280	.0	+9
Herd Owner, Gerhard Bengtson, Mount Vernon.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
VERNWAY MAJOR SUPREME 834461----------	6 daughters--	8	13,472	3.5	467
Born, 2-2-40; proved, 8-26-48;----; Calif.	5 daughters--	7	13,331	3.5	468
Sire, 752698; dam, 1957386.	5 dams-------	13	14,614	3.5	509
Herd Owner, Harvey J. Simpson, Waterford.	Difference---	(0-3-2)	-1,283	.0	-41
VERNWAY TREASURER 792892----------	13 daughters-	21	13,433	3.5	464
Born, 10-28-39; proved, 8-2-48; dead; Wash.	12 daughters-	20	13,543	3.5	468
Sire, 741071; dam, 1695814.	12 dams------	63	14,256	3.4	483
Herd Owner, Iver W. Youngquist, Bow.	Difference---	(4-8-5)	-713	+.1	-15
VIEWMOOR SIR BESS FOBES HOMESTEAD 683171----------	10 daughters-	38	8,715	3.5	301
Born, 8-18-33; proved, 8-3-48;----; Wis.	7 daughters--	28	8,831	3.4	298
Sire, 533855; dam, 1507659.	7 dams-------	33	9,789	3.4	333
Herd Owner, Tim Vanderwerff, Bristol.	Difference---	(3-4-2)	-958	:0	-35
VIRGINIA ATLAS 731442----------	8 daughters--	11	12,488	3.6	444
Born, 8-19-36; proved, 8-9-48;----; Va.	8 dams-------	30	10,070	3.5	354
Sire, 375366; dam, 1662159.	Difference---	(6-6-6)	+2,418	+.1	+90
Herd Owner, Southwestern State Hospital, Marion.					
VISTA LANE KING ORMSBY FOBES 776848----------	7 daughters--	9	7,679	3.4	258
Born, 6-16-38; proved, 8-19-48;----; Wis.	7 dams-------	25	9,910	3.4	335
Sire, 746198; dam, 1698999.	Difference---	(0-4-0)	-2,231	.0	-77
Herd Owner, William Dumman, Algoma.					
WACOTS KING BESSIE T 805543----------	9 daughters--	13	10,363	3.4	349
Born, 6-11-40; proved, 8-16-48;----; Mich.	6 daughters--	8	10,394	3.3	346
Sire, 738394; dam, 1783161.	6 dams-------	16	11,572	3.5	401
Herd Owner, James L. Reid, Northville.	Difference---	(1-2-1)	-1,178	-.2	-55
WALDHOLM WAR ADMIRAL FOBES 848143----------	7 daughters--	7	9,613	3.6	347
Born, 10-19-40; proved, 8-31-48;----; Wis.	7 dams-------	22	11,713	3.5	407
Sire, 783317; dam, 2059885.	Difference---	(1-5-2)	-2,100	+.1	-60
Herd Owner, Verne Cowles, South Byron.					
WALKER HENGERVELD SPOFFORD 768523----------	7 daughters--	12	11,851	3.6	426
Born, 11-30-38; proved, 8-17-48;----; Pa.	5 daughters--	8	11,784	3.6	426
Sire, 729175; dam, 1489044.	5 dams-------	34	15,129	3.4	508
Herd Owner, W. F. Detwiler, Butler.	Difference---	.0-5-1)	-3,345	+.2	-82
WARBLETON SENSATION STYLIST 766044----------	9 daughters--	15	10,945	3.4	377
Born, 10-10-38; proved, 8-25-48;----; Iowa.	6 daughters--	10	10,410	3.5	363
Sire, 696774; dam, 1409516.	6 dams-------	17	10,899	3.4	372
Herd Owner, K. H. Barringer, Ruthven.	Difference---	(1-4-3)	-489	+.1	-9
WATTSMEAD S W I H AAGGIE PIEBE 805284----------	6 daughters--	7	9,463	3.7	351
Born, 1-3-40; proved, 8-13-48;----; Pa.	5 daughters--	6	9,568	3.7	351
Sire, 721376; dam, 1850736.	5 dams-------	28	10,307	3.4	351
Herd Owner, Clarence Spencer, Canton.	Difference---	(3-5-3)	-739	+.3	0
WEARY RIVER MAY DOUBLE 765997----------	10 daughters-	20	14,995	3.6	544
Born, 5-22-38; proved, 8-9-48; dead; Calif.	10 dams------	43	16,283	3.5	566
Sire, 532320; dam, 1700449.	Difference---	(2-10-3)	-1,288	+.1	-22
Herd Owner, Charles L. Good & Son, Santee.					
WEBER BURKE PERFECTION 757597 *12----------	27 daughters-	54	12,755	3.6	456
Born, 5-23-37; proved, 8-25-48;----; Utah.	21 daughters-	43	12,397	3.6	442
Sire, 697789; dam, 1575421.	21 dams------	67	12,176	3.3	406
Herd Owner, Leon D. Gardner, Deweyville.	Difference---	(11-18-14)	+221	+.3	+36
WESAUKING STAR ORMSBY 827959----------	14 daughters-	22	10,552	3.5	371
Born, 4-3-41; proved, 8-2-48; dead; Pa.	13 daughters-	21	10,270	3.5	362
Sire, 753550; dam, 1857288.	13 dams------	49	11,376	3.7	425
Herd Owner, Albert E. Madigan, Towanda.	Difference---	(4-3-3)	-1,106	-.2	-63
WESTCOPA KING WHITEY 689851----------	18 daughters-	28	12,068	3.5	423
Born, 10-15-33; proved, 8-3-48;----; Pa.	12 daughters-	19	12,383	3.5	438
Sire, 612743; dam, 1320249.	12 dams------	30	11,234	3.4	385
Herd Owner, Jesse Smith & Son, Belle Vernon.	Difference---	(9-9-8)	+1,149	+.1	+53
WINCAF ORMSBY FELECIA 803721----------	5 daughters--	6	9,514	3.6	344
Born, 12-26-39; proved, 8-4-48;----; Wis.	5 dams-------	10	12,243	3.7	453
Sire, 753721; dam, 1956204.	Difference---	(2-1-0)	-2,729	-.1	-109
Herd Owner, Winnebago Co. Asylum, Winnebago.					
WINCAF SIR FELECIA MARANN 753721----------	6 daughters--	7	11,749	3.6	417
Born, 8-19-37; proved, 8-17-48;----; Wis.	6 dams-------	23	12,059	3.6	430
Sire, 563071; dam, 1631483.	Difference---	(3-4-2)	-310	.0	-13
Herd Owner, Winnebago Co. Asylum, Winnebago.					
WINCOWIS ADMIRAL BURKE HOMESTEAD 800216----------	10 daughters-	10	11,715	3.4	394
Born, 4-27-40; proved, 8-6-48;----; Wis.	9 daughters--	9	11,319	3.4	381
Sire, 661323; dam, 1635174.	9 dams-------	19	11,143	3.4	377
Herd Owner, Starland Farms, Fremont.	Difference---	(4-4-5)	+176	.0	+4

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WINDSOR HILL KING ROXIE 779428----------	7 daughters--	10	11,748	3.5	413
Born, 2-22-38; proved, 8-23-48; dead; N. Y.	7 dams-------	20	10,918	3.5	377
Sire, 663512; dam, 1648998.	Difference---	(4-5-5)	+830	.0	+36
Herd Owner, Gerow Brothers, Washingtonville.					
WINTERTHUR FORES POSCH UBAMBO 787382 *12----------	25 daughters-	48	13,216	3.6	479
Born, 9-28-39; proved, 8-16-48; alive; Pa.	24 daughters-	47	13,326	3.6	483
Sire, 729449; dam, 1934444.	24 dams------	140	13,138	3.4	450
Used in Southeastern A. B. A., N. C.	Difference---	(14-20-14)	+188	+.2	+33
WINTERTHUR PILOT GREAT UQAJA 787379 *12----------	14 daughters-	24	11,891	3.7	438
Born, 9-23-39; proved, 8-6-48; alive; Pa.	12 daughters-	20	11,898	3.7	436
Sire, 700000; dam, 1810729.	12 dams------	35	11,214	3.3	367
Herd Owner, Fred M. Snyder, Cogan Station.	Difference---	(7-12 - 8)	+684	+.4	+69
WINTERTHUR POSCH GREAT QUINA 709501----------	14 daughters-	16	12,009	3.3	394
Born, 3-21-35; proved, 8-9-48; dead; Wis.	9 daughters--	11	12,582	3.2	406
Sire, 576187; dam, 1545964.	9 dams-------	23	12,067	3.5	422
Herd Owner, Albert Grover, Galesville.	Difference---	(7-1-5)	+515	-.3	-16
WINTERTHUR POSCH GREAT SULTAN 763783 *11----------	23 daughters-	43	12,539	3.3	418
Born, 12-18-37; proved, 8-5-48; alive; Pa.	19 daughters-	38	12,304	3.3	411
Sire, 576187; dam, 1756051.	19 dams------	80	11,671	3.2	372
Herd Owner, Walter D. Snyder, Cogan Station.	Difference---	(11-17-14)	+633	+.1	+39
WISCONSIN ADMIRAL MARATHON LAD 759032----------	12 daughters-	14	10,892	3.4	374
Born, 11-11-37; proved, 8-25-48;----; Wis.	10 daughters-	12	10,754	3.4	365
Sire, 661323; dam, 1250990.	10 dams------	31	12,413	3.4	428
Herd Owner, Brown County Asylum, Green Bay.	Difference---	(2-6-2)	-1,659	.0	-63
WISCONSIN FORES KING ORMSBY 720867----------	6 daughters--	11	11,253	3.3	372
Born, 11-18-35; proved, 8-4-48;----; Wis.	5 daughters--	8	11,579	3.3	385
Sire, 669272; dam, 1024765.	5 dams-------	13	11,639	3.4	396
Herd Owner, A. W. Wichert & O. Schultz, Watertown.	Difference---	(2-2-1)	-60	-.1	-11
W I S HOMESTEAD PRIDE WALKER 767597----------	9 daughters--	14	11,329	3.5	401
Born, 8-8-38; proved, 8-10-48;----; Wis.	9 dams-------	33	10,643	3.3	354
Sire, 673105; dam, 1297553.	Difference---	(6-7-7)	+686	+.2	+47
Herd Owner, M. L. Arneson, Barneveld.					
W I S LYONS ROYAL 812213----------	7 daughters--	7	10,471	3.3	341
Born, 11-10-40; proved, 8-16-48;----; Wis.	7 dams-------	22	9,334	3.5	327
Sire, 698242; dam, 1666614.	Difference---	(6-3-4)	+1,137	-.2	+14
Herd Owner, Ralph Eastwood, Woodford.					
WIS MENDOTA DOUBLE PAUL 708527----------	7 daughters--	10	12,427	3.2	403
Born, 5-12-35; proved, 8-5-48;----; Wis.	7 dams-------	26	11,535	3.4	390
Sire, 670823; dam, 1355423.	Difference---	(4-3-4)	+892	-.2	+13
Herd Owner, Mendota State Hospital, Mendota.					
W I S MODEL DELL KING 802851----------	15 daughters-	17	10,702	3.6	388
Born, 4-21-40; proved, 8-31-48;----; Wis.	13 daughters-	15	10,838	3.6	393
Sire, 729042; dam, 1849576.	13 dams------	25	11,829	3.4	401
Herd Owner, Wisconsin Colony, Mendota.	Difference---	(4-10-5)	-991	+.2	-8
WISOF PEERLESS ADMIRAL 835553----------	6 daughters--	8	11,317	3.4	385
Born, 11-21-41; proved, 8-26-48;----; Wis.	6 dams-------	11	10,669	3.7	397
Sire, 706793; dam, 1967401.	Difference---	(4-1-3)	+648	-.3	-12
Herd Owner, Sparta State Public School, Sparta.					
WIS RAVEN DELL ADMIRAL (TWIN) 773535----------	9 daughters--	11	11,375	3.6	411
Born, 11-13-38; proved, 8-9-48;----; Wis.	9 dams-------	46	12,150	3.5	427
Sire, 740266; dam, 1624654.	Difference---	(3-7-3)	-775	+.1	-16
Herd Owner, Albert Johannes, Jr., Two Rivers.					
W I S ROYAL COLUMBIA KELLY 779781----------	9 daughters--	12	13,235	3.4	449
Born, 5-2-39; proved, 8-30-48;----; Ill.	8 daughters--	11	13,484	3.4	458
Sire, 698242; dam, 1795504.	8 dams-------	10	10,922	3.7	407
Herd Owner, Dr. Karl A. Meyer & Son, Gilman.	Difference---	(7-3-7)	+2,562	-.3	+51
WOODDELL SIR NETTIE LAD 811790----------	10 daughters-	13	11,132	3.6	397
Born, 9-27-40; proved, 8-2-48; dead; Ill.	8 daughters--	11	11,369	3.6	413
Sire, 680873; dam, 1424640.	8 dams-------	22	10,970	3.8	422
Herd Owner, Joe W. Hemingway, Oregon.	Difference---	(4-1-2)	+399	-.2	-9
YANKTON PIETERTJE BURKE 720668----------	20 daughters-	37	9,215	3.2	299
Born, 1-27-36; proved, 8-5-48; dead; Mich.	10 daughters-	14	8,715	3.3	290
Sire, 694482; dam, 1442583.	10 dams------	26	9,569	3.3	320
Herd Owner, V. F. W. National Home, Eaton Rapids.	Difference---	(4-3-4)	-854	.0	-30
YARBA VICTOR 847253----------	5 daughters--	5	8,776	3.6	313
Born, 1-21-42; proved, 8-31-48;----; Pa.	5 dams-------	11	9,814	3.5	345
Sire, 658893; dam, 1973150.	Difference---	(1-3-1)	-1,038	+.1	-32
Herd Owner, W. Bryson Rosenberry, Lancaster.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
35*DR83722 (BANGS OR TB EARTAG)----------	9 daughters--	18	8,148	3.7	305
Born, ----; proved, 8-24-48;----; Wis.	8 daughters--	17	8,117	3.6	295
Sire, ----; dam, ----.	8 dams-------	32	9,805	3.3	320
Herd Owner, George Mann, Fox Lake.	Difference---	(3-7-3)	-1,688	+.3	-25
41*Q795995 (BANGS OR TB EARTAG)----------	5 daughters--	5	10,390	3.4	352
Born, ----; proved, 8-3-48;----; Minn.	5 dams-------	13	10,195	3.6	368
Sire, ----; dam, ----.	Difference---	(3-1-3)	+195	-.2	-16
Herd Owner, G. H. Danhoff, St. James.					
91-XA0275 (DHIA EARTAG)----------	22 daughters-	41	11,393	3.4	383
Born, ----; proved, 8-16-48;----; Wash.	11 daughters-	18	11,008	3.3	362
Sire, ----; dam, ----.	11 dams------	22	13,507	3.1	423
Herd Owner, Eastern State Hospital, Medical Lake.	Difference---	(3-7-3)	-2,499	+.2	-61
93-F5711 (DHIA EARTAG)----------	5 daughters--	13	12,809	3.7	469
Born, ----; proved, 8-2-48;----; Calif.	5 dams-------	15	12,017	3.4	408
Sire, ----; dam, ----.	Difference---	(3-5-4)	+792	+.3	+61
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.					

JERSEY SIRES

ACTION BLONDE JOSEPH 422817----------	6 daughters--	8	7,812	4.7	365
Born, 9-7-40; proved, 8-4-48; dead; Iowa.	6 dams-------	7	6,132	5.4	329
Sire, 323045; dam, 932166.	Difference---	(6-1-4)	+1,680	-.7	+36
Herd Owner, Dows Maniti Dairy, Marion.					
ADVANCER VOLUNTEER SAM LAD 421971----------	12 daughters-	22	8,282	5.4	449
Born, 10-18-40; proved, 8-6-48;----; Ohio.	9 daughters--	16	7,961	5.5	438
Sire, 387422; dam, 1232017.	9 dams-------	19	6,427	5.6	362
Herd Owner, W. S. Inbody & Son, McComb.	Difference---	(7-4-7)	+1,534	-.1	+76
ADVANCE WONDERFUL AIM 416098----------	7 daughters--	14	9,128	5.1	468
Born, 7-23-40; proved, 8-25-48;----; W. Va.	5 daughters--	10	8,782	5.2	461
Sire, 401088; dam, 1148518.	5 dams-------	14	8,071	5.0	400
Herd Owner, W. T. Law & Son, Bridgeport.	Difference---	(3-4-4)	+711	+.2	+61
AIM BIG STEVE 447063----------	8 daughters--	8	6,612	4.8	320
Born, 8-13-42; proved, 8-23-48;----; Mass.	7 daughters--	7	6,548	4.8	317
Sire, 405558; dam, 1407048.	7 dams-------	32	8,328	4.9	410
Herd Owner, Coombs Brothers, Colrain.	Difference---	(0-3-0)	-1,780	-.1	-93
AMBITION ROYAL GOLDEN FERN 422951----------	9 daughters--	17	6,630	5.2	345
Born, 8-13-40; proved, 8-9-48;----; Pa.	9 dams-------	42	7,872	5.2	407
Sire, 399722; dam, 1215299.	Difference---	(1-5-2)	-1,242	.0	-62
Herd Owner, Homer A. Tomlinson, Newtown.					
BARONET FAUVIC OWL 409332----------	25 daughters-	30	8,313	5.3	438
Born, 12-12-39; proved, 8-13-48;----; Wis.	15 daughters-	18	8,154	5.2	424
Sire, 381020; dam, 1122201.	15 dams------	22	8,558	5.1	439
Used in Indiana A. B. A., Ind.	Difference---	(5-10-6)	-404	+.1	-15
BELFIELD DAIRY SULTAN 424611----------	9 daughters--	12	7,885	5.3	420
Born, 11-9-40; proved, 8-13-48;----; Wis.	7 daughters--	9	8,073	5.3	429
Sire, 402566; dam, 1112175.	7 dams-------	18	6,951	5.0	349
Herd Owner, George B. Price, Kenosha.	Difference---	(7-6-7)	+1,122	+.3	+80
BINDLE YOU'LL DO ALLIGATOR 353781----------	12 daughters-	22	6,662	5.1	343
Born, 12-11-31; proved, 8-17-48;----; N. Y.	12 dams------	13	6,130	5.1	312
Sire, 317956; dam, 913675.	Difference---	(8-9-8)	+532	.0	+31
Herd Owner, George Strugen, Manlius.					
BITTERCUP DICTATOR 352685----------	18 daughters-	33	8,379	5.4	454
Born, 11-22-32; proved, 8-9-48; dead; Ohio.	6 daughters--	11	7,697	5.8	443
Sire, 338955; dam, 737315.	6 dams-------	16	7,697	5.7	437
Herd Owner, Mrs. Roland H. Kinzer, Martinsville.	Difference---	(2-4-3)	0	+.1	+6
BLEAK HOUSE MAY'S RALEIGH 325455----------	14 daughters-	32	7,763	5.6	432
Born, 4-15-30; proved, 8-6-48; dead; Vt.	5 daughters--	9	8,077	5.2	422
Sire, 254228; dam, 645903.	5 dams-------	11	7,184	5.1	365
Herd Owner, Whitehall Farm, Windsor.	Difference---	(4-3-4)	+893	+.1	+57
BLONDE G. VICTOR 428670----------	7 daughters--	10	8,175	5.3	437
Born, 8-18-41; proved, 8-13-48;----; Maine.	7 dams-------	29	7,531	5.6	425
Sire, 389130; dam, 1268701.	Difference---	(4-2-2)	+644	-.3	+12
Herd Owner, David E. Moulton, Portland.					
BLONDE LADDIE 422104----------	5 daughters--	8	5,281	5.0	266
Born, 6-5-41; proved, 8-2-48;----; Iowa.	5 dams-------	14	6,554	4.9	322
Sire, 383736; dam, 812047.	Difference---	(1-4-1)	-1,273	+.1	-56
Herd Owner, Clyde Jones, Sioux Rapids.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BLONDE LAD O.'S F. 431121----------	8 daughters--	9	7,191	5.2	376
Born, 9-5-41; proved, 8-16-48;----; Calif.	6 daughters--	7	7,289	5.1	368
Sire, 389488; dam, 1126145.	6 dams-------	25	7,100	5.4	[illegible]
Herd Owner, Joe Hart, Modesto.	Difference---	(3-1-2)	+180	-.3	-19
BLONDE LAD'S JUBILEE 378324----------	7 daughters--	14	8,939	5.4	487
Born, 12-14-35; proved, 8-3-48; dead; Mich.	7 dams-------	21	8,543	5.6	482
Sire, 309642; dam, 1031239.	Difference---	(4-2-4)	+396	-.2	+5
Herd Owner, Floyd & LaVerne Luckenbill, Corunna.					
BLONDE POPPY SULTAN 398112----------	5 daughters--	5	6,728	5.2	353
Born, 11-19-38; proved, 8-23-48;----; Mo.	5 dams------	7	7,051	4.9	343
Sire, 371786; dam, 1038671.	Difference---	(2-4-2)	-323	+.3	+10
Herd Owner, Luther F. Robertson, Squires.					
BLOSSOM STOCKWELL SULTAN 422933----------	11 daughters-	14	6,988	5.1	357
Born, 3-15-41; proved, 8-4-48; dead; Pa.	11 dams------	68	7,935	5.6	443
Sire, 393739; dam, 1298822.	Difference---	(4-2-1)	-947	-.5	-86
Herd Owner, Belle Vue Farm, Bigler.					
BRAMPTON J. L. COLUMBUS 446788----------	10 daughters-	10	6,918	5.2	359
Born, 11-1-42; proved, 8-23-48;----; Iowa.	6 daughters--	6	6,505	5.1	331
Sire, 412151; dam, 48702 CJCC.	6 dams-------	24	8,280	5.4	446
Herd Owner, Eugene & Anna Nurre, Bancroft.	Difference---	(0-1-0)	-1,775	-.3	-115
BRAMPTON MAID'S BASIL 425306----------	29 daughters-	40	8,473	5.1	434
Born, 1-16-41; proved, 8-27-48;----; Mich.	22 daughters-	32	8,577	5.1	436
Sire, 91299 CJCC; dam, 59435 CJCC.	22 dams------	35	8,773	5.1	446
Herd Owner, Meadow Ridge Jersey Farm, Inc., Ridgeway.	Difference---	(11-11-10)	-196	.0	-10
BROOK FARM GOLDEN OWL 444314----------	13 daughters-	18	8,544	5.2	442
Born, 5-11-41; proved, 8-31-48;----; Vt.	13 dams------	61	8,152	5.3	435
Sire, 402992; dam, 1389289.	Difference---	(8-6-8)	+392	-.1	+7
Herd Owner, Louis G. Schmidt, Proctorsville.					
BRUNELLA VICTORY TORMENT 442980----------	13 daughters-	13	6,273	5.3	335
Born, 12-2-42; proved, 8-13-48;----; Vt.	12 daughters-	12	6,266	5.4	336
Sire, 402079; dam, 1165976.	12 dams------	41	7,490	5.5	414
Herd Owner, Hutchinson Farm, Tunbridge.	Difference---	(3-4-2)	-1,224	-.1	-78
CLAUDIE OBSERVER 421877----------	10 daughters-	10	9,176	5.5	504
Born, 6-21-40; proved, 8-16-48;----; Iowa.	9 daughters--	9	9,037	5.4	492
Sire, 378562; dam, 1114958.	9 dams-------	28	9,736	5.2	503
Herd Owner, John N. Martin, New Providence.	Difference---	(2-7-4)	-699	+.2	-11
CLIROSE NICK BAZING 427564----------	8 daughters--	13	9,584	5.6	541
Born, 4-26-41; proved, 8-20-48;----; Calif.	6 daughters--	10	10,164	5.5	556
Sire, 391422; dam, 1024298.	6 dams-------	23	9,090	5.5	498
Herd Owner, M. F. Palmer, Oakdale.	Difference---	(5-3-4)	+1,074	.0	+58
CLYDE DREAMING SAM 443347----------	6 daughters--	15	6,579	5.2	340
Born, 1-27-35; proved, 8-20-48;----; Pa.	6 dams-------	20	6,774	5.4	364
Sire, 349520; dam, 922241.	Difference---	(3-2-3)	-195	-.2	-24
Herd Owner, William C. McMillen, Marion Center.					
COME SON VOLUNTEER TROJAN 375682----------	10 daughters-	28	8,662	5.3	458
Born, 5-25-36; proved, 8-17-48;----; Wash.	5 daughters--	10	8,241	5.5	450
Sire, 292917; dam, 1020033.	5 dams-------	9	6,910	5.3	368
Herd Owner, Harry & Faith Sherwood, Sunnyside.	Difference---	(4-4-4)	+1,331	+.2	+82
DAIRYLIKE OXFORD OBSERVER 389202----------	9 daughters--	15	5,406	5.5	297
Born, 3-26-37; proved, 8-20-48;----; Ga.	6 daughters--	10	4,9[illegible]	5.3	260
Sire, 286987; dam, 836789.	6 dams-------	11	5,71[illegible]	5.1	294
Herd Owner, T. R. Breedlove, Jr., Monroe.	Difference---	(2-3-2)	-806	+.2	-34
DESIGN FERDINAND 390192----------	9 daughters--	12	7,[illegible]	5.0	396
Born, 10-9-37; proved, 8-6-48; dead; Iowa.	6 daughters--	8	7,[illegible]	5.0	376
Sire, 364678; dam, 1108787.	6 dams-------	13	7,573	5.2	393
Herd Owner, L. E. Moller & Son, Marshalltown.	Difference---	(2-1-2)	+21	-.2	-17
DIANE'S THUNDER PRINCE 371974----------	13 daughters-	20	8,853	5.2	464
Born, 1-19-35; proved, 8-16-48; dead; Idaho.	6 daughters--	7	9,264	5.0	459
Sire, 327721; dam, 905337.	6 dams-------	12	7,647	5.0	380
Herd Owner, E. K. Miller, Emmett.	Difference---	(6-4-5)	+1,617	.0	+79
DIX AFTERGLOW JUBILEE 412912----------	8 daughters--	9	7,803	5.0	388
Born, 8-20-39; proved, 8-25-48;----; Mich.	5 daughters--	6	8,178	5.0	408
Sire, 378886; dam, 1031241.	5 dams-------	16	6,609	4.8	319
Herd Owner, Marc Traver & Son, Williamston.	Difference---	(4-3-4)	+1,569	+.2	+89
DOTTRINA'S FERN DESIGN 399217----------	11 daughters-	13	6,476	5.0	324
Born, 3-10-38; proved, 8-24-48;----; Ind.	11 dams------	24	7,617	5.0	379
Sire, 343001; dam, 979387.	Difference---	(2-8-5)	-1,141	.0	-55
Herd Owner, R. L. Adams, Whiteland.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DREAMING [illegible] DUKE 425807	8 daughters--	9	7,819	5.1	398
[illegible] 8-[illegible]-41; proved, 8-20-48;----; Ohio.	8 dams-------	25	7,148	5.2	369
Sire, [illegible]0134; dam, 1013786.	Difference---	(5-3-5)	+671	-.1	+29
Herd Owner, Alfred Roediger, Wapakoneta.					
DUKE VICTOR MAJESTY 445169	5 daughters--	5	7,522	5.4	408
Born, 9-[illegible]-42; proved, 8-31-48;----; Iowa.	5 dams-------	14	7,374	5.5	407
Sire, 38[illegible]53; dam, 1107561.	Difference---	(2-3-2)	+148	-.1	+1
Herd Owner, [illegible] T. Newman & Son, Stockport.					
[illegible]'S IRNIA LAD 429795	8 daughters--	8	7,712	5.4	413
Born, 9-14-41; proved, 8-15-48;----; La.	8 dams-------	42	7,111	5.0	353
Sire, 35[illegible]24; dam, 1075488.	Difference---	(6-6-7)	+601	+.4	+60
Used in [illegible] Louisiana Jersey A. B. A.					
FAINT DREAMING VOLUNTEER 415149	9 daughters--	10	8,033	5.2	419
Born, 10-13-40; proved, 8-11-48;----; Vt.	8 daughters--	9	8,084	5.2	421
Sire, 401089; dam, 1204644.	8 dams-------	30	7,515	5.4	403
Herd Owner, Fareham Farms, Hartland Four Corners.	Difference---	(4-3-4)	+569	-.2	+18
FAREHAM SOVEREIGN DESIGN 435054	7 daughters--	8	6,962	5.5	385
Born, 12-3-40; proved, 8-3-48;----; Vt.	7 dams-------	26	7,138	5.6	403
Sire, 362214; dam, 1165382.	Difference---	(2-3-2)	-176	-.1	-18
Herd Owner, Fareham Farms, Hartland Four Corners.					
FAWN DAWN MODESTY DUKE 437480	8 daughters--	11	5,975	5.9	352
Born, 1-1-42; proved, 8-6-48;----; Wis.	8 dams-------	25	8,269	5.8	476
Sire, 411229; dam, 1199081.	Difference---	(1-5-1)	-2,294	+.1	-124
Herd Owner, Charles D. Holloway, Union Grove.					
FERN GOLDEN BLONDE COUNT 421766	9 daughters--	10	6,320	5.5	349
Born, 6-2-40; proved, 8-20-48;----; Pa.	8 daughters--	9	6,176	5.5	340
Sire, 371471; dam, 1057693.	8 dams-------	15	5,685	5.5	314
Herd Owner, D. Fred Birchard & Son, Birchardville.	Difference---	(5-3-5)	+491	.0	+26
FONDELL COUNT 389406	6 daughters--	11	8,321	5.3	440
Born, 3-4-37; proved, 8-16-48; dead; Md.	5 daughters--	10	8,370	5.2	439
Sire, 314672; dam, 711564.	5 dams-------	30	7,352	5.2	385
Herd Owner, Indian Spring Farm, Darlington.	Difference---	(3-2-3)	+1,018	.0	+54
FONTAINE SIGNET 356093	17 daughters-	28	5,821	5.0	291
Born, 8-19-32; proved, 8-13-48;----; Wis.	6 daughters--	8	5,831	4.7	277
Sire, 300740; dam, 647569.	6 dams-------	16	6,100	4.8	291
Herd Owner, Fred J. Seyforth & Son, Mondovi.	Difference---	(4-3-4)	-269	-.1	-14
FORWARD POMPEY LAD 424317	7 daughters--	15	5,802	4.9	284
Born, 8-28-40; proved, 8-9-48; dead; N. Y.	7 dams-------	26	6,402	5.0	320
Sire, 364443; dam, 1016739.	Difference---	(3-4-3)	-600	-.1	-36
Herd Owner, Mr. & Mrs. Michael Johnson, Meredith.					
FREEMAN JOLLY MODESTY 411229	9 daughters--	17	6,696	5.9	394
Born, 7-3-39; proved, 8-26-48;----; Wis.	7 daughters--	13	6,573	6.0	392
Sire, 362206; dam, 1111477.	7 dams-------	36	7,250	5.3	383
Herd Owner, Philip N. Steffanus & Son, Delavan.	Difference---	(2-6-4)	-677	+.7	+9
GIL-BAR FOREMOST MAJESTY 443404	7 daughters--	7	6,331	5.4	344
Born, 8-27-41; proved, 8-30-48;----; Wis.	5 daughters--	5	6,191	5.5	342
Sire, 358109; dam, 1183632.	5 dams-------	14	6,417	4.8	310
Herd Owner, J. E. & G. E. Washburn, Oshkosh.	Difference---	(1-4-3)	-226	+.7	+32
GINGER MADCAP LINK 435557 *12	17 daughters-	27	8,393	5.6	469
Born, 1-1-41; proved, 8-3-48; alive; N. Y.	14 daughters-	23	8,368	5.6	468
Sire, 362179; dam, 982432.	14 dams------	58	8,936	5.0	449
Herd Owner. Mark Chamberlain & Sons, Wyoming.	Difference---	(4-12-9)	-568	+.6	+19
GLORIA CROWN WARRIOR 443185	8 daughters--	10	8,528	4.9	419
Born, 10-20-41; proved, 8-23-48;----; Mont.	7 daughters--	9	8,885	4.9	435
Sire, 316488; dam, 1122808.	7 dams-------	9	8,179	5.5	449
Herd Owner, S. E. Sande, Bozeman.	Difference---	(5-0-2)	+706	-.6	-14
GOLDEN JOLLY'S HEIR 424146	12 daughters-	16	7,363	5.1	377
Born, 2-26-41; proved, 8-3-48; alive; Tex.	11 daughters-	14	7,408	5.1	376
Sire, 350454; dam, 1204543.	11 dams------	37	6,310	5.1	320
Herd Owner, W. D. Lemon, Sulphur Springs.	Difference---	(9-7-9)	+1,098	.0	+56
GOLDEN PATRIARCH 417410	5 daughters--	9	6,287	5.5	343
Born, 10-12-40; proved, 8-30-48;----; Va.	5 dams-------	20	5,869	5.2	303
Sire, 387863; dam, 1040598.	Difference---	(4-4-4)	+418	+.3	+40
Herd Owner, J. G. Kinzie, Troutville.					
GOLDIE SON HOLMAW G. TRIBAL L. 409447	8 daughters--	9	7,153	4.9	349
Born, 6-23-39; proved, 8-3-48;----; Tenn.	8 dams-------	27	6,423	5.2	331
Sire, 341541; dam, 1105907.	Difference---	(6-2-4)	+730	-.3	+18
Herd Owner, Mrs. Frank E. Russell, Calhoun.					

JERSEY SIRES	Animals	[illegible]	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
GRAYBURN VALIANT MARINE 430545 *12	16 daughters-	29	[illegible]	[illegible]	[illegible]
Born, 11-[illegible]-40; proved 8-6-48;----; Md.	14 daughters-	27	7,[illegible]	[illegible]	412
Sire, 73451 CJCC; dam, 76443 CJCC.	14 dams------	53	6,443	4.9	[illegible]
Used in Maryland A. B. A.	Difference---	(11-11-11)	+[illegible],431	+.[illegible]	+37
HAPPY CORONATION KING 424424	7 daughters--	7	5,909	5.5	[illegible]
Born, [illegible]-40; proved, 8-13-48;----; Calif.	6 daughters--	6	6,152	5.4	[illegible]
Sire, 384961; dam, 1183886.	6 dams------	29	7,907	5.3	423
Herd Owner, H. W. Low Ranch, Hughson.	Difference---	(0-3-1)	-1,755	+.1	[illegible]
HAPPY DESIGN SULTAN 442021	13 daughters-	17	7,848	5.3	414
Born, 2-22-42; proved, 8-17-48; alive; Mo.	7 daughters--	9	7,581	5.2	[illegible]
Sire, 404289; dam, 1045237.	7 dams-------	12	9,924	4.8	[illegible]
Herd Owner, A. H. Meinershagen, Higginsville.	Difference---	(2-6-2)	-2,343	+.4	-81
HILLCREST CASTLE SAM 418701 *11	21 daughters-	31	7,644	5.2	397
Born, 3-10-38; proved, 8-3-48; dead; N.Y.	20 daughters-	30	7,545	5.2	395
Sire, 346915; dam, 1285330.	20 dams------	87	8,632	5.1	444
Herd Owner, Hugh Meeder, Warsaw.	Difference---	(9-13-9)	-1,087	+.1	-49
ICICLE POX OF ANDREWSIA 411945	6 daughters--	7	8,487	5.5	468
Born, 8-21-39; proved, 8-25-48;----; Va.	6 dams-------	11	7,730	5.8	451
Sire, 357462; dam, 951247.	Difference---	(3-1-3)	+757	-.3	+17
Herd Owner, Montpelier Farm, Montpelier Station.					
INTERESTED BARON OWLREST 357947	7 daughters--	9	5,263	5.0	266
Born,12-21-33; proved, 8-6-48;----; N. Y.	5 daughters--	7	6,113	4.9	302
Sire, 339247; dam, 963086.	5 dams-------	8	6,400	5.0	322
Herd Owner, L. H. Rowland & Son, Owego.	Difference---	(3-2-2)	-287	-.1	-20
I. S. VICTOR PRINCE 425011	8 daughters--	13	8,216	5.3	433
Born, 4-19-40; proved, 8-4-48; dead; Md.	8 dams-------	28	8,556	5.2	443
Sire, 387067; dam, 1176581.	Difference---	(2-6-3)	-340	+.1	-10
Herd Owner, Indian Spring Farm, Darlington.					
JESTER DENG RHETT 432506	6 daughters--	7	7,037	5.1	362
Born, 12-7-40; proved, 8-31-48;----; Kans.	5 daughters--	6	6,487	5.2	339
Sire, 391607; dam, 1108756.	5 dams-------	16	6,068	5.3	324
Herd Owner, David Schurle, Manhattan.	Difference---	(3-2-4)	+419	-.1	+15
JUNE'S OXFORD BARONET 407418	20 daughters-	20	11,375	5.8	665
Born, 8-17-39; proved, 8-26-48;----; Oreg.	18 daughters-	18	11,246	5.9	658
Sire, 360430; dam, 1066217.	18 dams------	34	10,168	5.7	578
Herd Owner, H. J. Merz, Ada.	Difference---	(14-12-14)	+1,078	+.2	+80
KILLINGLY TORONO LASS' 2D SON 250782	43 daughters-	106	7,841	5.6	437
Born, 9-19-25; proved, 8-10-48; dead; Mich.	9 daughters--	23	7,820	5.6	442
Sire, 199190; dam, 508624.	9 dams-------	22	8,421	5.6	469
Herd Owner, J. K. Hatfield & Sons, Remus.	Difference---	(3-5-3)	-601	.0	-27
LAKELAND ROYAL VOLUNTEER 428368	6 daughters--	9	6,626	5.3	354
Born, 9-9-38; proved, 8-10-48;----; Conn.	6 dams-------	24	6,862	5.1	351
Sire, 378445; dam, 1011624.	Difference---	(4-4-3)	-236	+.2	+3
Herd Owner, John E. Kingsbury, North Coventry.					
LEITHACRES TOMMY 432747	8 daughters--	9	7,978	4.8	383
Born, 4-6-40; proved, 8-17-48; alive; N. Y.	7 daughters--	8	8,270	4.8	398
Sire, 387372; dam, 1168766	7 dams-------	9	7,394	4.9	362
Herd Owner, Grove Leith, Wyoming.	Difference---	(6-4-5)	+876	-.1	+36
LILAC CORONATION ACE 411457	8 daughters--	12	6,206	5.5	338
Born, 11-9-39; proved, 8-27-48;----; Wis.	8 dams-------	47	7,137	5.0	359
Sire, 376690; dam, 1081730.	Difference---	(1-7-3)	-931	+.5	-21
Herd Owner, Hoffman Farms, Inc., Grafton.					
LILAC REMUS COMMANDER 421181	11 daughters-	13	9,150	5.4	491
Born, 3-25-41; proved, 8-16-48;----; Va.	9 daughters--	11	9,122	5.5	499
Sire, 328497; dam, 994144.	9 dams-------	32	8,457	6.0	506
Used in Indiana A. B. A., Ind.	Difference---	(5-1-4)	+665	-.5	-7
LILAC REMUS JUPITER 440475	5 daughters--	5	8,599	5.3	456
Born, 4-26-42; proved, 8-2-48; alive; N. H.	5 dams-------	9	7,052	5.8	396
Sire, 328497; dam, 1172287.	Difference---	(5-1-5)	+1,547	-.3	+60
Herd Owner, Ward Brothers, Monroe.					
LILAC REMUS LUCK 423123	7 daughters--	10	9,579	5.2	497
Born, 4-22-41; proved, 8-13-48;----; Mass.	6 daughters--	9	9,485	5.2	496
Sire, 328497; dam, 1147455.	6 dams-------	27	10,164	4.9	494
Used in Indiana A. B. A., Ind.	Difference---	(2-5-2)	-679	+.3	+2
LILLIAN LAST FOX 443187	8 daughters-	8	4,821	6.2	[illegible]
Born, 9-25-42; proved, 8-25-48;----; Va.	6 daughters-	6	4,912	6.3	[illegible]
Sire, 441948; dam, 1246997.	6 dams-------	9	6,079	[illegible]	[illegible]
Herd Owner, F. E. Estes & Son, Rochelle.	Difference---	(1-6-1)	-1,167	+.5	-42

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LION FARM COME SON OBSERVER 410048----------	9 daughters--	12	8,499	4.9	416
Born, 8-29-39; proved, 8-25-48;----; Oreg.	9 dams-------	27	7,861	4.9	387
Sire, 292917; dam, 1156125.	Difference---	(7-6-6)	-638	.0	+29
Herd Owner, Mack Hamby, Jefferson.					
LORD MASTERPIECE 414388----------	17 daughters-	27	8,518	5.2	441
Born, 4-25-40; proved, 9-13-48;----; Wis.	5 daughters--	6	7,678	5.4	411
Sire, 410975; dam, 1006842.	5 dams-------	14	7,986	4.9	390
Used in Wisconsin Scientific Breeding Institute (A. B.A.).	Difference---	(1-5-4)	-308	+.5	+21
LORETTA'S TORONO VIM 417461----------	17 daughters-	17	7,197	5.7	407
Born, 9-7-38, proved, 8-9-48;----; Iowa.	8 daughters--	8	7,790	5.7	445
Sire, 343984; dam, 724579.	8 dams-------	9	6,791	5.7	384
Herd Owner, Gerald Homan, Remsen.	Difference---	(6-4-6)	+999	.0	+61
LORNA'S SIGNAL VOLUNTEER 423397----------	9 daughters--	18	8,493	5.5	467
Born, 8-8-40; proved, 8-10-48;----; Wash.	8 daughters--	17	8,487	5.5	469
Sire, 390455; dam, 1119856.	8 dams-------	17	9,680	5.1	495
Herd Owner, O. P. Dosland Estate, Grays River.	Difference---	(2-6-3)	-1,193	+.4	-26
LUCKY LUCILE OWL 372022----------	5 daughters--	6	6,966	5.8	404
Born, 9-16-34; proved, 8-24-48;----; Ohio.	5 dams-------	16	8,356	5.4	451
Sire, 312490; dam, 915047.	Difference---	(0-4-1)	-1,390	+.4	-47
Herd Owner, Garver Brothers, Spencer.					
MARY LOU'S VICTOR 398008----------	5 daughters--	10	9,208	5.4	494
Born, 3-12-38; proved, 8-20-48;----; Iowa.	5 dams-------	15	9,511	4.9	467
Sire, 338261; dam, 668075.	Difference---	(3-4-4)	-303	+.5	+27
Herd Owner, John N. Martin, New Providence.					
MARY POGIS LILLIAN'S FOX 411944----------	6 daughters--	6	7,009	5.9	413
Born, 8-3-39; proved, 8-31-48;----; Va.	5 daughters--	5	7,366	5.9	432
Sire, 357462; dam, 984308.	5 dams-------	13	8,074	5.4	436
Herd Owner, J. F. Yager & Son, Somerset.	Difference---	(2-4-3)	-708	+.5	-4
MASTERMAN OREGON CAPTAIN 410075----------	6 daughters--	11	7,735	5.7	439
Born, 9-17-39; proved, 8-26-48;----; Oreg.	5 daughters--	8	7,487	5.8	435
Sire, 378250; dam, 981954.	5 dams-------	12	7,626	5.7	435
Herd Owner, R. H. Murphy, Albany.	Difference---	(3-3-2)	-139	+.1	0
MASTERPIECE AIMING DESIGN 440732----------	8 daughters--	8	7,358	5.2	383
Born, 1-2-42; proved, 8-17-48;----; Mich.	8 dams-------	15	8,608	5.1	442
Sire, 386696; dam, 1271772.	Difference---	(2-6-2)	-1,250	+.1	-59
Herd Owner, Dr. Cyril Spike, Owosso.					
MASTERS TINY TINKER 423527----------	8 daughters--	8	6,904	5.6	388
Born, 12-2-40; proved, 8-2-48;----; Mich.	8 dams-------	20	8,670	5.4	469
Sire, 374529; dam, 1082226.	Difference---	(1-6-1)	-1,766	+.2	-81
Herd Owner, Frank Waskoviak & Sons, Saginaw.					
MEMORY CORONATION KING 441522----------	5 daughters--	7	7,247	4.9	352
Born, 6-1-41; proved, 8-18-48;----; Pa.	5 dams-------	20	8,046	4.9	394
Sire, 349357; dam, 841007.	Difference---	(2-3-2)	-799	.0	-42
Herd Owner, F. E. Lyons & Son, Saltsburg.					
MONARCH PRIDE OXFORD 397963----------	7 daughters--	11	7,952	4.8	383
Born, 7-17-38; proved, 8-30-48;----; W. Va.	7 dams-------	13	6,884	5.1	352
Sire, 376209; dam, 1065099.	Difference---	(5-4-3)	+1,068	-.3	+31
Herd Owner, S. M. & Amos Combs, Lewisburg.					
NOBLE FAUVIC DESIGNER 410564----------	13 daughters-	33	7,104	4.9	349
Born, 7-29-39; proved, 8-27-48;----; Calif.	6 daughters--	17	7,218	5.0	360
Sire, 383092; dam, ----.	6 dams-------	34	9,274	5.1	475
Herd Owner, H. W. Low Ranch, Hughson.	Difference---	(0-3-1)	-2,056	-.1	-115
NOBLE FERN HERO 3[illegible]90----------	6 daughters--	15	6,510	5.3	348
Born, 10-3-36; proved, 8-17-48;----; Iowa.	5 daughters--	10	6,147	5.4	329
Sire, 354107; dam, 947665.	5 dams-------	21	7,186	5.2	374
Herd Owner, A. M. Spencer, West Branch.	Difference---	(1-3-1)	-1,039	+.2	-45
NOBLE OWL KENTUCK 416286----------	8 daughters--	11	5,678	5.3	299
Born, 12-21-37; proved, 8-31-48;----; Ky.	7 daughters--	10	5,532	5.3	291
Sire, 370447; dam, 1086716.	7 dams-------	16	5,880	4.9	287
Herd Owner, Ben Nichting, Walton.	Difference---	(3-5-2)	-348	+.4	+4
NURIEL'S DANDY MASTERPIECE 445183----------	7 daughters--	7	7,852	5.2	406
Born, 3-13-42; proved, 8-23-48;----; Pa.	7 dams-------	29	8,465	5.3	452
Sire, 386696; dam, 1104780.	Difference---	(2-3-2)	-613	-.1	-46
Herd Owner, Roy N. Moose & Sons, Mercer.					
OXFORD FERN VOL. OBSERVER 419886----------	10 daughters-	12	8,315	5.0	417
Born, 8-15-40; proved, 8-6-48; alive; Tex.	6 daughters--	6	7,957	5.1	402
Sire, 378564; dam, 924957.	6 dams-------	7	7,845	5.2	405
Herd Owner, A. L. Berry, Amherst.	Difference---	(3-2-3)	+112	-.1	-3

JERSEY SIRES	Animals	[illegible] averaged	[illegible]	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OXFORD HAPPY DESIGN 441113	9 daughters--	11	6,863	[illegible]	[illegible]
Born, 11-11-41; proved, 8-23-48; dead; Mo.	6 daughters--	7	6,605	5.3	349
Sire, 404289; dam, 1311536.	6 dams-------	17	7,066	5.3	374
Herd Owner, Guy Bradbury, Holden.	Difference---	(1-3-1)	-461	0	-25
PAULINE BARON PEER 442156	5 daughters--	6	9,354	5.2	487
Born, 2-17-42; proved, 8-25-48;----; Wash.	5 dams-------	13	9,528	5.2	492
Sire, 390458; dam, 1283298.	Difference---	(2-4-2)	-174	.0	-5
Herd Owner, O. P. Dosland Estate, Grays River.					
PAUL OWL LADDIE 446434	5 daughters--	5	7,163	4.9	349
Born, 4-10-42; proved, 8-23-48;----; Vt.	5 dams-------	22	7,026	4.7	332
Sire, 429634; dam, 1345839.	Difference---	(3-3-3)	+137	+.2	+17
Herd Owner, Albert Helberg, Chester.					
PINECREST DANNY 427442	8 daughters--	13	6,818	5.3	358
Born, 4-22-41; proved, 8-16-48; dead; N. Y.	6 daughters--	10	6,954	5.3	365
Sire, 392088; dam, 1199004.	6 dams-------	17	7,105	5.3	374
Herd Owner, Don B. Davidson, Delancey.	Difference---	(3-3-3)	-151	.0	-9
PLAYBOY VOLUNTEER SAM 419416	6 daughters--	6	7,423	5.3	391
Born, 9-7-40; proved, 8-31-48;----; Wash.	6 dams-------	15	7,560	5.3	399
Sire, 375211; dam, 1030391.	Difference---	(3-3-3)	-137	.0	-8
Herd Owner, D. Percy Sullivan, Sedro Woolley.					
POLLED VIVE OWL 422647	7 daughters--	8	7,393	4.9	362
Born, 12-27-40; proved, 8-9-48; dead; Mich.	6 daughters--	7	7,623	4.9	373
Sire, 359888; dam, 1167390.	6 dams-------	30	8,722	4.9	430
Herd Owner, Walter K. Hough, Romeo.	Difference---	(2-4-1)	-1,099	.0	-57
PREMIER BLONDE DREAMER 427196	10 daughters-	14	7,283	6.0	434
Born, 8-29-41; proved, 8-13-48;----; Pa.	10 dams------	36	8,002	5.8	463
Sire, 414184; dam, 897690.	Difference---	(3-6-4)	-719	+.2	-29
Herd Owner, George W. Rosener, Aldenville.					
PRINCE JAP SURPRISE 433583	9 daughters--	12	7,397	5.8	429
Born, 1-12-41; proved, 8-13-48;----; Pa.	9 dams-------	22	7,311	5.8	423
Sire, 381345; dam, 1237836.	Difference---	(6-6-5)	+86	.0	+6
Herd Owner, Edward Kosa & Sons, Ulysses.					
PRINCESS ELSIE'S WALTER 426685	9 daughters--	17	6,159	5.4	330
Born, 9-5-38; proved, 8-13-48;----; Wis.	7 daughters--	14	6,562	5.3	348
Sire, 346612; dam, 1006745.	7 dams-------	21	7,830	5.4	427
Herd Owner, Ernest A. Fryda, Sussex.	Difference---	(2-4-1)	-1,268	-.1	-79
PROGRESS FERN MAJOR 414486	9 daughters--	23	8,212	5.0	408
Born, 10-15-38; proved, 8-11-48;----; Mo.	7 daughters--	19	8,428	5.0	420
Sire, 382352; dam, 1269141.	7 dams-------	31	8,015	5.0	399
Herd Owner, Victor S. Klenklen, Pilot Grove.	Difference---	(4-4-4)	+413	.0	+21
QUEEN'S DANDY RALEIGH 438849	8 daughters--	10	6,374	5.2	334
Born, 10-10-41; proved, 8-18-48;----; Ga.	6 daughters--	6	6,261	5.2	326
Sire, 392489; dam, 1083278.	6 dams-------	13	7,257	5.0	361
Herd Owner, Allen's Invalid Home, Milledgeville.	Difference---	(1-5-3)	-996	+.2	-35
RACHEL'S MASTERSON 430322	15 daughters-	19	7,978	5.4	427
Born, 8-26-41; proved, 8-16-48;----; Kans.	7 daughters--	10	7,965	5.4	427
Sire, 346973; dam, 1155456.	7 dams-------	24	9,069	4.9	441
Herd Owner, Frank L. Young, Cheney.	Difference---	(1-6-3)	-1,104	+.5	-14
REMUS GAUNTLET 443535	5 daughters--	5	5,960	5.5	330
Born, 3-17-42; proved, 8-30-48; alive; Ky.	5 dams-------	19	7,804	5.2	408
Sire, 400954; dam, 1103986.	Difference---	(1-5-1)	-1,844	+.3	-78
Herd Owner, Kentucky Agricultural Experiment Station, Lexington.					
REX NOBLE DAHLIA 376886	7 daughters-	26	[illegible]	5.1	345
Born, 3-29-36; proved, 8-27-48;----; La.	6 daughters--	21	6,518	5.2	336
Sire, 318222; dam, 1011432.	6 dams------	25	5,316	4.9	269
Herd Owner, Louisiana Polytechnic Institute, Ruston.	Difference--	(4-5-4)	[illegible]	+.3	+67
R. F. D. GAME KING 440934	9 daughters--	11	8,7[illegible]	5.0	435
Born, 10-12-40; proved, 8-20-48;----; Md.	8 daughters-	10	8,679	4.9	429
Sire, 388953; dam, 1111131.	8 dams------	18	6,669	5.4	360
Herd Owner, Indian Spring Farm, Darlington.	Difference--	(6-2-5)	+2,010	-.5	+69
RINDA VOLUNTEER 422494	5 daughters-	8	[illegible]	[illegible]	457
Born, 4-5-41; proved, 8-31-48;----; Calif.	5 [illegible]	[illegible]	8,165	5.1	420
Sire, 401234; dam, 1067890.	Difference--	[illegible]	[illegible]	+.3	+37
Herd Owner, H. W. Low Ranch, Hughson.					
RITA'S OBSERVER FERDY 429742	[illegible]	8	[illegible]	[illegible]	450
Born, 12-20-40; proved, 8-16-48; dead; Idaho.	[illegible]	[illegible]	8,040	[illegible]	[illegible]
Sire, 385828; dam, 1121050.	Difference--	(3-3-4)	[illegible]	[illegible]	+4
Herd Owner, Mrs. Vincent Lizaso, Boise.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROSETTE LAD STORMY WEATHER 405389----------	9 daughters--	12	6,524	5.2	338
Born, 3-25-39; proved, 8-26-48;----; Ind.	8 daughters--	11	6,526	5.2	337
Sire, 382275; dam, 931248.	8 dams-------	22	8,777	5.4	470
Herd Owner, Frank E. Weller & Son, Garrett.	Difference---	(1-2-0)	-2,251	-.2	-133
ROSE'S PARAGON DREAMER 423572----------	7 daughters--	8	6,462	5.0	322
Born, 9-1-40; proved, 8-4-48; dead; Vt.	7 dams-------	27	7,103	5.3	378
Sire, 408983; dam, 1216865.	Difference---	(2-2-2)	-641	-.3	-56
Herd Owner, C. J. Maxham, Woodstock.					
ROYAL DESIGN STANDARD 386173----------	12 daughters-	39	7,687	5.2	402
Born, 11-20-36; proved, 8-24-48; dead; Ky.	8 daughters--	20	7,735	5.2	405
Sire, 364344; dam, 1067396.	8 dams-------	36	7,083	5.1	358
Herd Owner, H. H. Barlow, Jr., Cave City.	Difference---	(6-5-6)	+652	+.1	+47
RUSH'S ROYALIST 382474----------	7 daughters--	26	6,158	5.9	361
Born, 8-1-36; proved, 8-3-48; dead; Ky.	6 daughters--	25	5,908	6.1	361
Sire, P.S. 7020 H.C.; dam, 1116206.	6 dams-------	39	8,273	5.8	481
Herd Owner, Bernard Camenisch, Stanford.	Difference---	(0-4-0)	-2,365	+.3	+120
S. ESTELLA VOLUNTEER BARONET 390454----------	16 daughters-	39	9,806	5.2	512
Born, 8-21-37; proved, 8-24-48;----; Wash.	12 daughters-	30	9,660	5.2	505
Sire, 365924; dam, 1117162.	12 dams------	14	8,684	5.3	458
Herd Owner, O. P. Dosland Estate, Grays River.	Difference---	(8-4-7)	+976	-.1	+47
SIDEREAL CHECKMATE LAD 441228----------	5 daughters--	6	5,705	5.3	305
Born, 7-26-42; proved, 8-23-48; dead; N. Y.	5 dams-------	9	5,478	5.0	276
Sire, 401068; dam, 1258185.	Difference---	(4-4-4)	+227	+.3	+29
Herd Owner, Melvin Carpenter, South Kortright.					
SIGNAL EXCELLA'S DESIGN 431207----------	10 daughters-	11	9,924	5.1	511
Born, 10-7-41; proved, 8-20-48;----; Ill.	10 dams------	41	8,591	5.3	459
Sire, 393529; dam, 1110278.	Difference---	(8-3-8)	+1,333	-.2	+52
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).					
SOEURETTE FERN STANDARD 409563----------	10 daughters-	12	6,264	4.9	306
Born, 12-16-39; proved, 8-9-48;----; Mo.	8 daughters--	10	6,261	4.8	303
Sire, 383575; dam, 1071206.	8 dams-------	26	6,764	4.9	334
Herd Owner, Bonnie Carrie Farms, Seymour.	Difference---	(3-3-4)	-503	-.1	-31
SOEURETTE'S DESIGN NOBLE 423344----------	6 daughters--	10	5,803	5.1	295
Born, 12-30-40; proved, 8-9-48;----; Iowa.	6 dams-------	17	6,270	4.9	305
Sire, 387728; dam, 1036558.	Difference---	(1-4-2)	-467	+.2	-10
Herd Owner, Harry Cline & Sons, West Union.					
SOPHIE DARLING TORMENTOR 409754----------	11 daughters-	12	7,837	5.7	444
Born, 7-30-39; proved, 8-20-48;----; Minn.	8 daughters--	9	8,093	5.7	462
Sire, 300732; dam, 1081662.	8 dams-------	13	7,842	5.3	416
Herd Owner, Frank Furst, Lake City.	Difference---	(4-7-5)	+251	+.4	+46
SOPHIE RALEIGH ST. MAWES LAD 391926----------	8 daughters--	9	6,016	5.6	337
Born, 4-28-36; proved, 8-6-48;----; Wis.	7 daughters--	8	5,931	5.6	331
Sire, 211191; dam, 1050636.	7 dams-------	17	6,501	4.6	296
Herd Owner, Mrs. G. B. Reedal, Phillips.	Difference---	(2-7-4)	-570	+1.0	+35
SOPH-TID TORONO ST. MAWES OWL 407835----------	6 daughters--	14	8,666	5.1	443
Born, 3-14-39; proved, 8-18-48;----; Va.	5 daughters--	10	8,587	5.3	454
Sire, 309969; dam, 978747.	5 dams-------	9	7,935	4.9	393
Herd Owner, Clover Hill Farm, Manassas.	Difference---	(3-4-4)	+652	+.4	+61
SOVICTOR JOLLY LAD 342617 *4----------	50 daughters-	108	8,058	5.0	400
Born, 12-27-30; proved, 8-13-48; dead; Vt.	39 daughters-	66	8,041	5.0	399
Sire, 300736; dam, 850078.	39 dams------	175	7,023	5.1	359
Herd Owner, Brassknocker Farm, East Craftsbury.	Difference---	(34-18-29)	+1,018	-.1	+40
SPARKLING STANDARD COUNT 420491----------	7 daughters--	9	7,154	5.4	385
Born, 2-5-41; proved, 8-10-48; alive; Tex.	7 dams-------	25	7,341	5.0	369
Sire, 376841; dam, 1058222.	Difference---	(4-5-5)	-187	+.4	+16
Herd Owner, H. F. Attaway, Pickton.					
SPINDLETOP MAIN MAN 399021----------	6 daughters--	8	6,109	5.1	309
Born, 6-26-38; proved, 8-24-48; dead; N. J.	5 daughters--	6	5,789	5.0	290
Sire, 381723; dam, 1146988.	5 dams-------	11	7,415	5.1	378
Herd Owner, Louis M. Kiesling, Bordentown.	Difference---	(0-1-0)	-1,626	-.1	-88
SPOTLIGHT BLONDE LAD 427224----------	9 daughters--	13	7,720	5.4	414
Born, 11-13-41; proved, 8-13-48;----; Maine.	5 daughters--	7	7,986	5.2	418
Sire, 389130; dam, 1135691.	5 dams-------	13	9,448	4.8	456
Herd Owner, Pine Hill Farms, Winslow.	Difference---	(1-4-1)	-1,462	+.4	-38
STANDARD TUSKO 408476----------	8 daughters--	30	8,255	5.4	447
Born, 6-5-33; proved, 8-10-48;----; Oreg.	5 daughters--	22	8,248	5.6	465
Sire, 321324; dam, 609569.	5 dams-------	17	8,463	5.2	442
Herd Owner, E. E. Gourley & Sons, Albany.	Difference---	(2-4-3)	-215	+.4	+23

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
STELLA'S GOLDEN LAD 380289----------	13 daughters-	21	6,769	5.4	366
Born, 3-7-36; proved, 8-25-48;----; Ohio.	8 daughters--	13	6,991	5.4	376
Sire, 359882; dam, 1053263.	8 dams-------	12	6,995	5.2	363
Herd Owner, Newell Davids, Prospect.	Difference---	(2-5-4)	-4	+.2	+13
STORRS BLONDE SPITFIRE 441066----------	10 daughters-	10	8,868	5.1	449
Born, 8-30-42; proved, 8-20-48;----; Wis.	10 dams------	23	7,956	5.6	444
Sire, 401306; dam, 1047818.	Difference---	(6-1-5)	+912	-.5	+5
Herd Owner, Charles S. Kelly, Hudson.					
SUCCESSOR DUKE TORMENTOR 447076 *12----------	23 daughters-	35	7,810	5.5	431
Born, 9-15-40; proved, 8-13-48; alive; Md.	22 daughters-	34	7,778	5.5	426
Sire, 355635; dam, 946935.	22 dams------	127	7,278	5.2	381
Used in Southeastern A. B. A., N. C.	Difference---	(13-15-14)	+500	+.3	+45
SUE'S ROYAL MARY DESIGN 427014----------	9 daughters--	9	7,409	5.6	415
Born, 9-16-37; proved, 8-4-48;----; Mo.	6 daughters--	6	7,395	5.7	419
Sire, 354680; dam, 1042807.	6 dams-------	15	7,490	5.4	401
Herd Owner, Palmer Farms, Ethlyn.	Difference---	(2-5-3)	-95	+.3	+18
SULTAN OF SULTANS 337400----------	6 daughters--	21	7,720	5.4	420
Born, 6-13-30; proved, 8-13-48;----; N. Y.	5 daughters--	19	7,597	5.3	404
Sire, 260192; dam, 525439.	5 dams-------	16	8,852	4.9	437
Herd Owner, Clifford Tucker, Skaneateles.	Difference---	(0-5-2)	-1,255	+.4	-33
SUNNY BOY BLONDE SULTAN 446099----------	6 daughters--	9	6,764	5.9	402
Born, 11-6-41; proved, 8-20-48;----; Oreg.	5 daughters--	8	6,729	5.9	394
Sire, 407832; dam, 1226905.	5 dams-------	13	7,651	5.4	412
Herd Owner, Leonard Planscoen, Cornelius.	Difference---	(2-5-2)	-922	+.5	-18
SUNNY SIDE TOMMY 415275----------	7 daughters--	10	8,113	5.4	438
Born, 6-6-40; proved, 8-26-48;----; Conn.	6 daughters--	8	8,328	5.4	451
Sire, 403561; dam, 968646.	6 dams-------	17	9,188	5.0	459
Herd Owner, W. C. & N. H. Tucker, West Cheshire.	Difference---	(1-5-1)	-860	+.4	-8
SUSIE HANDSOME JOHN 439550----------	5 daughters--	5	6,266	5.0	315
Born, 10-23-41; proved, 8-20-48;----; Vt.	5 dams-------	19	7,185	5.1	367
Sire, 398185; dam, 977578.	Difference---	(1-2-0)	-919	-.1	-52
Herd Owner, Milton Bassett, Woodstock.					
SYBIL BLONDE ACE 410561----------	5 daughters--	7	6,999	5.4	375
Born, 5-22-39; proved,8-27-48;----; Pa.	5 dams-------	20	9,514	4.8	457
Sire, 409001; dam, 1079070.	Difference---	(0-5-1)	-2,515	+.6	-82
Herd Owner, Carleton J. Curtis, Columbus.					
SYBIL GOLDEN BARONET 339947----------	14 daughters-	37	7,634	5.3	408
Born, 11-6-30; proved, 8-6-48; dead; Oreg.	5 daughters--	15	6,890	5.6	387
Sire, 305849; dam, 764379.	5 dams-------	11	7,216	5.1	367
Herd Owner, David Hagg & Sons, Reedville.	Difference---	(1-4-4)	-326	+.5	+20
SYBIL IXIA ROYAL 399234----------	10 daughters-	13	5,708	5.2	297
Born, 2-6-39; proved, 8-24-48;----; Vt.	5 daughters--	7	5,636	5.3	299
Sire, 377517; dam, 1087062.	5 dams-------	11	6,602	5.7	380
Used in Vermont Co-op. A. B. A., Inc.	Difference---	(1-0-1)	-966	-.4	-81
SYBIL IXIA'S SON 426396----------	5 daughters--	6	6,788	5.8	394
Born, 1-9-40; proved, 8-18-48;----; Vt.	5 dams-------	26	6,879	5.5	380
Sire, 374002; dam, 1040287.	Difference---	(2-5-2)	-91	+.3	+14
Herd Owner, Bicknell Hill Farm, Tunbridge.					
THREE-PLY SENATOR TID O FIVE-F 443103----------	5 daughters--	5	9,389	5.5	519
Born, 10-12-42; proved, 8-18-48;----; Pa.	5 dams-------	18	7,588	5.4	411
Sire, 365723; dam, 1179424.	Difference---	(5-2-5)	+1,801	+.1	+108
Herd Owner, G. G. McDowell & Son, Grove City.					
TIDDLEDYWINK DUTCH BOY 405978----------	5 daughters--	6	5,819	4.9	287
Born, 12-17-38; proved, 8-25-48;----; Mo.	5 dams-------	15	5,665	5.4	305
Sire, 373389; dam, 1166129.	Difference---	(2-1-2)	+154	-.5	-18
Herd Owner, Frank LeBaron & Sons, Mountain View.					
TOP HAT SYBIL BRAMPTON 441249----------	8 daughters--	9	5,987	5.3	317
Born, 11-13-41; proved, 8-26-48;----; Wis.	5 daughters--	5	5,946	5.5	325
Sire, 412658; dam, 1258940.	5 dams-------	16	8,730	4.9	431
Herd Owner, Haeuser & Kammueller, Fountain City.	Difference---	(0-4-0)	-2,784	+.6	-106
TORONO OWL YOU'LL DO 391514----------	17 daughters-	28	8,030	5.3	425
Born, 3-22-37; proved, 8-25-48;----; Iowa.	13 daughters-	18	8,119	5.3	431
Sire, 313254; dam, 1018583.	13 dams------	69	8,233	5.2	431
Herd Owner, Pioneer Hi-Bred Corn Company, Johnston.	Difference---	(6-5-6)	-114	+.1	0
TRAVELYNE DESIGN DARB 424698----------	5 daughters--	5	8,548	5.2	448
Born, 1-11-41; proved, 8-11-48;----; Wash.	5 dams-------	18	8,325	5.5	455
Sire, 390944; dam, 1144909.	Difference---	(3-1-2)	+223	-.3	-7
Herd Owner, Adolph Teem & Son, Enumclaw.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
TRISTRAM FAUVIC LIKENESS 437103----------	13 daughters-	18	7,182	5.4	386
Born, 10-25-40; proved, 8-18-48;----; Oreg.	10 daughters-	14	7,144	5.3	381
Sire, 391972; dam, 1140291.	10 dams------	24	8,248	5.1	420
Herd Owner, Warner C. Waite, Cushman.	Difference---	(4-8-2)	-1,104	+.2	-39
TRISTRAM PANSY FAUVIC KING 417739----------	7 daughters--	11	9,144	5.4	493
Born, 3-25-38; proved, 8-6-48; dead; Oreg.	5 daughters--	8	9,399	5.4	510
Sire, 335140; dam, 1076859.	5 dams-------	9	7,512	5.6	424
Herd Owner, Millard Martin, Ada.	Difference---	(4-1-3)	+1,887	-.2	+86
TRITOMA'S STANDARD 398896----------	6 daughters--	12	7,356	4.7	345
Born, 8-26-38; proved, 8-24-48;----; Wis.	6 dams-------	27	6,817	4.9	334
Sire, 329308; dam, 1077268.	Difference---	(4-4-3)	+539	-.2	+11
Herd Owner, John Kolb & Sons, Cleveland.					
UPWEY SYBIL MODEL 383835----------	13 daughters-	14	7,253	5.1	367
Born, 1-28-37; proved, 8-4-48;----; Va.	8 daughters--	9	6,869	5.1	354
Sire, 355069; dam, 1057959.	8 dams-------	36	5,677	4.9	279
Herd Owner, Maple Lawn Dairy, Staunton.	Difference---	(6-6-7)	+1,192	+.2	+75
VALIANT SPLENDID SOLDIER 399040----------	7 daughters--	9	6,566	4.9	324
Born, 8-1-38; proved, 8-17-48;----; Minn.	6 daughters--	8	6,344	4.9	312
Sire, 365317; dam, 973856.	6 dams-------	7	7,128	5.0	353
Herd Owner, Thompson & Porter, Fairmont.	Difference---	(2-4-2)	-784	-.1	-41
VALIANT STANDARD VIKING 429826----------	5 daughters--	7	7,660	5.0	384
Born, 11-3-41; proved, 8-24-48;----; Vt.	5 dams-------	17	8,316	4.9	408
Sire, 392869; dam, 1227682.	Difference---	(2-4-2)	-656	+.1	-24
Herd Owner, Oak Ridge Farm, Windsor.					
VALIANT STYLISH DESIGN 427045----------	6 daughters--	6	7,401	4.8	358
Born, 9-12-41; proved, 8-13-48; dead; N. J.	5 daughters--	5	7,285	4.9	354
Sire, 394826; dam, 1159013.	5 dams-------	10	7,318	4.9	361
Herd Owner, Leicester Farm, Pittstown.	Difference---	(2-3-2)	-33	.0	-7
VIVE OWL YOU'LL DO 389741----------	5 daughters--	15	6,951	5.0	346
Born, 4-15-36; proved, 8-20-48;----; Mich.	5 dams-------	20	8,730	5.1	445
Sire, 359609; dam, 1037562.	Difference---	(1-2-2)	-1,779	-.1	-99
Herd Owner, Walter K. Hough, Romeo.					
VOLUNTEER LORNA BARONET 390455----------	10 daughters-	13	7,041	5.2	368
Born, 11-28-37; proved, 8-17-48;----; Wash.	9 daughters--	12	7,072	5.2	369
Sire, 365924; dam, 996685.	9 dams-------	30	7,349	5.4	395
Herd Owner, John Hanks, Jr., Ellensburg.	Difference---	(1-5-2)	-277	-.2	-26
VOLUNTEER STANDARD BARONET 406267----------	13 daughters-	28	8,159	5.2	426
Born, 6-27-39; proved, 8-31-48;----; Ga.	11 daughters-	25	8,445	5.2	438
Sire, 365924; dam, 1117164.	11 dams------	33	8,861	5.5	486
Herd Owner, J. J. Harris, Pelham.	Difference---	(5-3-4)	-416	-.3	-48
VOLUNTEER TULIP PRINCE 389359----------	9 daughters--	21	6,901	5.2	360
Born, 2-20-38; proved, 8-17-48;----; Kans.	5 daughters--	15	6,673	5.6	377
Sire, 337273; dam, 796349.	5 dams-------	13	6,749	5.6	380
Herd Owner, Ward Thorson & Son, Horton.	Difference---	(2-4-2)	-76	.0	-3
WATFERN MOOR COUNT 361458----------	11 daughters-	25	7,943	4.9	388
Born, 9-17-34; proved, 8-13-48; dead; N. Y.	8 daughters--	19	8,119	4.9	396
Sire, 314552; dam, 979396.	8 dams-------	58	9,307	5.0	467
Herd Owner, Ira G. Payne, East Schodack.	Difference---	(2-2-2)	-1,188	-.1	-71
WEXFORD SYBIL GAMBOGE 398569----------	10 daughters-	13	6,951	5.0	345
Born, 3-30-38; proved, 8-25-48;----; Ind.	10 dams------	34	7,921	4.8	379
Sire, 379743; dam, 1139141.	Difference---	(1-8-3)	-970	+.2	-34
Herd Owner, Bassett Brothers, Auburn.					
WILMA'S ROWER SULTAN 425177----------	9 daughters--	12	7,853	4.9	384
Born, 9-21-40; proved, 8-10-48;----; Maine.	6 daughters--	9	8,048	4.6	372
Sire, 401787; dam, 1173558.	6 dams------	11	7,938	4.8	384
Herd Owner, George Gray, Starks.	Difference---	(4-2-2)	+110	-.2	-12
WONDERFUL MOOR COLONEL 415668----------	9 daughters--	10	7,620	5.8	442
Born, 9-5-40; proved, 8-31-48;----; N. Y.	6 daughters--	7	7,714	5.8	451
Sire, 393089; dam, 1145814.	6 dams------	21	8,355	5.4	453
Herd Owner, Ira G. Payne, East Schodack.	Difference---	(2-5-4)	-621	+.4	-2
WONDERFUL MOOR WATFERN 415671----------	9 daughters--	17	6,296	5.7	358
Born, 10-3-40; proved, 8-26-48;----; Conn.	7 daughters-	10	6,457	5.6	364
Sire, 395089; dam, 935631.	7 dams-------	11	5,799	5.2	300
Herd Owner, Peat Farm, South Kent.	Difference---	(2-6-[illegible])	+658	+.4	+64
W. V. U. BINDIE PIONEER 399316----------	[illegible]	[illegible]	5,850	5.1	301
Born, 9-30-38; proved, 8-24-48;----; W. Va.	8 daughters-	11	6,157	5.[illegible]	310
Sire, 373868; dam, 1039530.	[illegible]	[illegible]	6,759	5.[illegible]	[illegible]
Herd Owner, Weston State Hospital, Weston.	[illegible]	(3-3-3)	-602	-.1	-33

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
W. W. MAID'S DESIGN 390864----------	29 daughters-	45	7,905	5.4	423
Born, 11-18-37; proved, 8-9-48; alive; Md.	8 daughters--	11	8,311	5.2	436
Sire, 336549; dam, 1027361.	8 dams-------	15	8,333	4.8	403
Used in Maryland A. B. A.	Difference---	(6-8-6)	-22	+.4	+33
XENIA HAPPY DESIGN 440604----------	6 daughters--	8	7,497	5.5	414
Born, 1-9-42; proved, 8-11-48;----; Mo.	5 daughters--	7	7,346	5.6	412
Sire, 404289; dam, 1134557.	5 dams-------	17	7,543	5.0	380
Herd Owner, Leslie Haley, Pilot Grove.	Difference---	(2-5-4)	-197	+.6	+32
XENIA MASTER DESIGN 391492----------	8 daughters--	15	7,076	5.6	399
Born, 8-17-37; proved, 8-13-48; dead; Ky.	6 daughters--	13	7,058	5.7	402
Sire, 372215; dam, 1055830.	6 dams-------	37	7,260	5.7	412
Herd Owner, Bernard Camenisch, Stanford.	Difference---	(3-3-2)	-202	.0	-10
X OF OAKLANDS RALEIGH 412411----------	10 daughters-	12	6,183	5.3	327
Born, 8-14-39; proved, 8-24-48;----; N. Y.	5 daughters--	6	5,947	5.2	310
Sire, 385577; dam, 1015514.	5 dams-------	5	6,560	5.4	351
Herd Owner, Kenneth C. Hughs, Mannsville.	Difference---	(2-1-2)	-613	-.2	-41
YOU'LL DO TREASURE PRINCE 384091----------	6 daughters--	14	6,427	4.9	316
Born, 10-7-36; proved, 8-25-48;----; Ohio.	5 daughters--	11	6,451	4.9	315
Sire, 341436; dam, 903324.	5 dams-------	14	6,865	5.3	361
Herd Owner, Mrs. W. H. Creswell & Son, Mount Gilead.	Difference---	(1-2-1)	-414	-.4	-46
13-A2000 (DHIA EARTAG) *(April 1948)----------	11 daughters-	11	7,441	4.9	366
Born, ----; proved, 8-13-48; dead; Vt.	11 dams------	58	8,012	5.1	407
Sire, ----; dam, ----.	Difference---	(5-4-5)	-571	-.2	-41
Herd Owner, Roy O. Heald, Proctorsville.					
52*V625451 (BANGS OR TB EARTAG)----------	21 daughters-	29	6,285	5.3	331
Born, ----; proved, 8-13-48;----; Va.	10 daughters-	12	5,897	5.4	320
Sire, ----; dam, ----.	10 dams------	23	7,074	4.5	318
Herd Owner, William H. Lewis, Broad Run.	Difference---	(3-10-4)	-1,177	+.9	+2

SHORTHORN SIRES

BONNIE'S FAIRY PRINCE 1942326----------	11 daughters-	22	7,917	4.0	316
Born, 6-9-38; proved, 8-13-48;----; Ill.	7 daughters--	12	7,828	4.0	316
Sire, 1891759; dam, 1458587.	7 dams-------	13	9,184	3.7	344
Herd Owner, Lloyd Miller, Armington.	Difference---	(1-7-3)	-1,356	+.3	-28
BORG'S NOBLE VICTOR (TWIN) 1973745----------	12 daughters-	12	7,458	3.6	272
Born, 6-14-39; proved, 8-31-48;----; Minn.	9 daughters--	9	7,347	3.6	265
Sire, 1721154; dam, 1611720.	9 dams-------	12	8,536	3.4	291
Used in South Dakota Co-op. A. B. A., S. Dak.	Difference---	(4-6-3)	-1,189	+.2	-26
BROADVIEW MASTERPIECE 2101906----------	6 daughters--	7	6,446	3.9	252
Born, 10-26-41; proved, 8-25-48;----; Iowa.	5 daughters--	6	6,344	3.9	249
Sire, 1921900; dam, 1740565.	5 dams-------	12	5,409	3.8	205
Herd Owner, Edwin Juhl, Estherville.	Difference---	(3-3-3)	+935	+.1	+44
CLOVERTON MARQUIS 1946645----------	9 daughters--	11	6,315	3.9	244
Born, 3-14-38; proved,8-31-48;----; Wis.	6 daughters--	7	6,553	3.9	257
Sire, 1758662; dam, 1719158.	6 dams-------	17	7,818	4.0	315
Herd Owner, Russell J. McCarthy, Cottage Grove.	Difference---	(1-2-2)	-1,265	-.1	-58
DOLLY'S DUKE 2040016----------	12 daughters-	14	7,100	3.7	262
Born, 7-28-40; proved, 8-10-48; dead; Iowa.	7 daughters--	9	7,275	3.7	268
Sire, 1783841; dam, 1868537.	7 dams-------	9	5,467	3.4	186
Herd Owner, H. W. Leech & Sons, Westgate.	Difference---	(6-5-7)	+1,808	+.3	+82
DUALLYN SWEEPSTAKE 1978249----------	8 daughters--	9	9,376	4.0	374
Born, 3-8-39; proved, 8-31-48;----; Mo.	8 dams-------	25	8,515	3.9	329
Sire, 1905779; dam, 1905782.	Difference---	(7-7-7)	+861	+.1	+45
Herd Owner, Orval T. Williams, Wellington.					
NAUVOO CHAMPION 1946816----------	10 daughters-	13	6,771	4.2	285
Born, 6-15-38; proved, 8-13-48;----; Kans.	5 daughters--	8	6,941	4.3	298
Sire, 1861606; dam, 1790951.	5 dams-------	13	6,673	4.1	275
Herd Owner, Raymond Lindholm, Windom.	Difference---	(3-2-3)	+268	+.2	+23
PRIDE OF THE NORTH 1938540----------	14 daughters-	17	8,974	4.0	356
Born, 12-14-37; proved, 8-20-48;----; Iowa.	9 daughters--	9	9,384	4.0	377
Sire, 1853013; dam, 1794722.	9 dams-------	40	9,400	3.9	366
Herd Owner, Andrew H. Barnes & Son, Oskaloosa.	Difference---	(3-8-5)	-16	+.1	+11
ROYAL ROAN GENERAL 2099623----------	6 daughters--	6	9,609	4.1	393
Born, 2-24-42; proved, 8-4-48; dead; Pa.	6 dams-------	22	8,795	4.3	374
Sire, 1555854; dam, 1967441.	Difference---	(4-1-4)	+814	-.2	+19
Herd Owner, Norman G. Shimel, Morrisdale.					

SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WALGROVE KINGLY KNIGHT 1863187----------	6 daughters--	10	9,107	3.8	342
Born, 1-11-36; proved, 8-31-48;----; Mich.	5 daughters--	9	9,112	3.8	343
Sire, 1686411; dam, 1479725.	5 dams-------	17	7,846	3.8	299
Herd Owner, Stanley J. Gardner,.Croswell.	Difference---	(3-3-2)	+1,266	.0	+44

AMERICAN DAIRY CATTLE CLUB SIRES

MOUNT HOPE INDEPENDENCE 88----------	17 daughters-	43	9,287	4.0	369
Born,11-25-35; proved, 8-24-48;----; Wis.	12 daughters-	31	9,124	4.0	369
Sire, 12; dam, 58.	12 dams------	38	8,103	4.6	369
Herd Owner, W. J. Dougan, Beloit.	Difference---	(9-2-7)	+1,021	-.6	0
MOUNT HOPE NEGUS 214----------	15 daughters-	17	9,675	3.6	343
Born, 8-9-40; proved, 8-24-48;----; Ohio.	13 daughters-	15	9,917	3.5	349
Sire, 10; dam, 51.	13 dams------	29	8,637	3.5	299
Herd Owner, J. S. Dixon, Orwell.	Difference---	(10-8-11)	+1,280	.0	+50

CIRCLEVIEW CUDDLES 1292
(This sire is also a registered Guernsey "Circleview Cuddles 308085." Proved Sire data included in Guernsey listing.)

CLOVE VALLEY P O B ADMIRAL 279
(This sire is also a registered Holstein "Clove Valley P O B Admiral 787322." Proved Sire data included in Holstein listing.)

ELMWOOD FARMS ROYAL ROGUE 700
(This sire is also a registered Guernsey "Elmwood Farms Royal Rogue 300380." Proved Sire data included in Guernsey listing.)

FLYING HORSE ROYAL DON 541
(This sire is also a registered Guernsey "Flying Horse Royal Don 294892." Proved Sire data included in Guernsey listing.)

GINGER MADCAP LINK 538
(This sire is also a registered Jersey "Ginger Madcap Link 435557." Proved Sire data included in Jersey listing.)

HILLCREST CASTLE SAM 435
(This sire is also a registered Jersey "Hillcrest Castle Sam 418701." Proved Sire data included in Jersey listing.)

MAN-O-WAR TWENTY GRAND 959
(This sire is also a registered Holstein "Man-O-War Twenty Grand 704995." Proved Sire data included in Holstein listing.)

PRADERA LA NOCE LADDIE 122
(This sire is also a registered Guernsey "Pradera La Noce Laddie 271276." Proved Sire data included in Guernsey listing.)

SUCCESSOR DUKE TORMENTOR 1082
(This sire is also a registered Jersey "Successor Duke Tormentor 447076." Proved Sire data included in Jersey listing.)

VOLUNTEER STANDARD BARONET 685
(This sire is also a registered Jersey "Volunteer Standard Baronet 406267." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 24, No. 10

October 1948

100 DHIA SIRES PROVED EACH WEEK

DHIA sires are now being proved at the rate of approximately 100 each week. During the first 9 months of 1948, the Bureau of Dairy Industry tabulated or retabulated proved-sire records for more than 3,600 DHIA sires--more than in any previous 9-month period. More proved-sire records are being furnished to the various States than ever before. With ample DHIA proved-sire information in the hands of dairymen and dairy leaders throughout the country, much of the guesswork in sire selection will be eliminated.

The number of DHIA sires that can be proved depends on the number of 305-day lactation records that association supervisors report. The reliability of the proof depends also on the reporting of all 305-day lactation records available. The work of compiling proved-sire records is now on a current basis, that is, the number of proved-sire records compiled is proportional to the number of lactation records reported. The number of lactation records being reported is increasing, as shown in the following report for the first 9 months of 1948.

191,114 Lactation Records Reported During First 9 Months of 1948

During the first 9 months of 1948, association supervisors reported 191,114 lactation records for use in proving DHIA sires. This is the greatest number of records ever reported in any similar period.

Pennsylvania led the States in number of records reported, with a total of 23,978. Wisconsin was second with 20,730, and New York was third with 19,624 records reported.

West Virginia led the States in percentage of records reported. Twelve States reported a total number of records equal to 30 percent or more of the cows on test. They are:

West Virginia	44.8	Virginia	35.2
Kansas	39.9	Oregon	33.7
Maine	39.5	Pennsylvania	33.7
Delaware	36.5	North Dakota	32.2
Maryland	35.4	Iowa	31.7
Vermont	35.2	Minnesota	30.4

The table on page 2 shows the number of records reported during the first 9 months of 1948, by States.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1947 AND 1948

State	First 9 months of 1948							1947		
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by - American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Records returned 3/	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine	9,298	3,670	39.5	0	102	0	257	2,807	33.8
N. H.	5,584	956	17.1	0	143	6	69	1,251	24.2
Vt.	20,545	7,236	35.2	11	325	62	593	7,888	45.3
Mass.	11,396	2,264	19.9	70	536	98	136	1,909	22.0
R. I.	1,198	3	0.3	0	98	0	0	27	4.5
Conn.	11,182	1,658	14.8	0	413	151	113	2,946	29.5
N. Y.	87,568	19,624	22.4	731	1,927	233	1,222	36,219	50.4
Pa.	71.137	23,978	33.7	121	1,073	44	1,187	25,655	40.3
N. J.	21,204	5,504	26.0	0	34	81	335	6,644	32.4
Md.	16,014	5,668	35.4	113	491	2	305	7,457	55.6
Del.	2,099	766	36.5	6	15	0	80	922	47.5
Va.	31,944	11,238	35.2	0	0	0	965	11,187	35.6
W. Va.	6,035	2,705	44.8	0	105	4	156	4,116	72.0
Ky.	7,158	1,140	15.9	2	0	24	72	1,559	27.4
N. C.	5,751	462	8.0	0	207	0	37	380	8.1
S. C.	1,750	0	--	0	0	15	0	0	--
Ga.	4,094	621	15.2	21	0	0	60	454	14.2
Fla.	2,155	121	5.6	0	18	0	4	31	--
Ala.	0	7	--	0	0	0	0	0	--
Miss.	1,370	401	29.3	0	0	0	28	596	26.5
Tenn.	6,238	1,496	24.0	13	0	0	59	410	10.0
La.	2,190	75	3.4	0	0	0	27	97	7.2
Ark.	0	0	--	0	0	0	0	0	--
Ohio	24,077	3,854	16.0	15	697	275	151	4,892	21.0
Ind.	23,590	3,544	15.0	45	184	151	193	3,089	15.5
Ill.	34,485	7,173	20.8	145	145	574	429	6,255	17.6
Mich.	43,474	10,150	23.3	10	195	239	544	13,666	36.2
Wis.	80,091	20,730	25.9	73	206	613	936	35,318	47.0
Minn.	41,110	12,493	30.4	13	14	121	883	16,433	43.2
Iowa	35,239	11,156	31.7	0	134	350	505	15,276	54.4
Mo.	14,062	4,017	28.6	0	13	23	247	2,485	20.8
N.Dak.	1,029	331	32.2	0	0	0	3	6	--
S.Dak.	1,587	183	11.5	0	9	17	35	182	15.5
Nebr.	4,340	707	16.3	19	30	21	41	599	25.8
Kans.	11,478	4,574	39.9	0	219	34	572	3,613	48.3
Okla.	2,937	244	8.3	0	8	0	51	206	9.5
Tex.	11,648	646	5.5	0	7	0	170	479	8.2
Mont.	4,294	390	9.1	0	25	0	24	512	14.1
Idaho	7,423	1,530	20.6	0	29	0	46	1,051	21.0
Wyo.	0	17	--	0	0	1	1	59	5.3
Nev.	882	46	5.6	0	0	0	8	317	32.0
Utah	9,800	1,264	12.9	0	0	0	166	1,927	24.2
Colo.	4,886	977	20.0	0	20	34	54	1,033	24.1
N.Mex.	1,417	235	16.6	0	0	0	22	80	4.5
Ariz.	7,953	405	5.1	0	0	0	17	686	12.3
Wash.	27,292	8,035	29.4	0	90	20	794	8,026	34.1
Oreg.	14,046	4,735	33.7	0	29	24	275	2,737	19.3
Calif.	153,079	4,073	2.7	0	135	23	151	5,761	4.2
P. R.	0	0	--	0	0	0	0	0	--
Hawaii	(4)	9	--	0	0	0	0	73	17.0
U. S.	886,129	191,114	21.6	1,408	7,675	3,240	12,023	237,316	30.6

1/ Includes cows enrolled since January 1, 1948.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.
4/ No report.

DHIA PROVED-SIRE RECORDS TABULATED IN SEPTEMBER 1948

Following is a list of 428 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in September 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST EMINENCE 56348----------	12 daughters-	20	8,881	3.7	330
Born, 4-7-37; proved, 9-24-48;----; Wis.	9 daughters--	15	8,768	3.8	329
Sire, 41952; dam, 97545.	9 dams-------	34	8,359	4.0	331
Herd Owner, Allen E. Knoespel, Forest Junction.	Difference---	(6-2-5)	+409	-.2	-2
CAROLINA'S STAR ROBERT 54019----------	5 daughters--	14	8,545	3.7	318
Born, 3-6-36; proved, 9-10-48;----; Pa.	5 dams-------	19	6,791	3.9	263
Sire, 39232; dam, 125798.	Difference---	(4-2-4)	+1,754	-.2	+55
Herd Owner, Charles B. Spicer, Gettysburg.					
CLARKLAND TRUE PAR 72023----------	6 daughters--	8	7,671	4.5	348
Born, 8-15-41; proved, 9-30-48;----; Ohio.	5 daughters--	7	7,966	4.6	363
Sire, 57514; dam, 176479.	5 dams-------	18	7,291	4.3	315
Herd Owner, Myron R. Fudge & Son, Jamestown.	Difference---	(2-5-4)	+675	+.3	+48
COLLEGE BARRY, IMP. 73189----------	9 daughters--	11	11,868	3.7	437
Born, 3-5-40; proved, 9-13-48;----; Ind.	6 daughters--	8	11,998	3.6	428
Sire, 73186; dam, 271389.	6 dams-------	9	9,425	4.0	377
Herd Owner, Don Deller, Angola.	Difference---	(6-1-4)	+2,573	-.4	+51
LETO'S SUPREME 53642----------	6 daughters--	7	8,478	4.4	372
Born, 7-27-35; proved, 9-8-48;----; N. Y.	5 daughters--	6	8,646	4.3	371
Sire, 44784; dam, 144087.	5 dams-------	16	9,280	4.1	376
Herd Owner, Harrison B. Toby & Sons, Lindley.	Difference---	(3-3-2)	-634	+.2	-5
LIPPITT HILDING DOUGLAS 53163----------	9 daughters--	25	9,004	4.0	358
Born, 1-2-36; proved, 9-9-48;----; R. I.	5 daughters--	8	8,573	4.0	346
Sire, 47977; dam, 137660.	5 dams-------	11	8,972	4.2	375
Herd Owner, Rhode Island State College, Kingston.	Difference---	(2-2-2)	-399	-.2	-29
MACDONALD ROYAL BLOOD, IMP. 52875----------	12 daughters-	18	6,475	4.1	263
Born, 6-1-33; proved, 9-13-48; dead; Vt.	5 daughters--	8	7,179	4.2	298
Sire, 52874; dam, 119502.	5 dams-------	15	7,596	4.0	303
Herd Owner, D. C. Dunsmore, St. Albans.	Difference---	(1-5-1)	-417	+.2	-5
MASONIC HOMES MODERATOR 52799----------	9 daughters--	17	7,749	4.1	314
Born, 10-16-35; proved, 9-10-48;----; N. C.	7 daughters--	12	7,494	4.0	301
Sire, 27484; dam, 112464.	7 dams-------	21	8,737	4.0	348
Herd Owner, Pinehurst Farms, Pinehurst.	Difference---	(1-4-2)	-1,243	.0	-47
MOUNTAIN VALLEY SAND MAN 75233----------	10 daughters-	10	8,070	4.0	323
Born, 3-28-40; proved, 9-9-48;----; Pa.	5 daughters--	5	7,666	4.0	308
Sire, 41872; dam, 119985.	5 dams-------	5	8,104	3.8	310
Herd Owner, Abram K. Flory, Manheim.	Difference---	(2-3-4)	-438	+.2	-2
PENN SPRING PAUL 72061----------	8 daughters--	8	7,405	3.9	290
Born, 6-22-42; proved, 9-21-48;----; Md.	7 daughters--	7	7,433	3.9	293
Sire, 48728; dam, 205182.	7 dams-------	27	8,255	3.7	304
Herd Owner, Rosardan Farms, Sparks.	Difference---	(2-7-2)	-822	+.2	-11
PENSHURST PATRIOT 41931----------	49 daughters-	140	9,864	4.2	410
Born, 10-24-29; proved, 9-14-48; dead; Conn.	11 daughters-	19	9,371	4.2	393
Sire, 25200; dam, 65885.	11 dams------	37	9,460	4.2	400
Herd Owner, Wood Ford Farm, Avon.	Difference---	(5-7-7)	-89	.0	-7
SCOT-AYR SPECULATION 65875----------	10 daughters-	12	7,486	4.1	310
Born, 9-24-40; proved, 9-7-48; dead; N. Y.	9 daughters--	11	7,591	4.1	315
Sire, 47700; dam, 175270.	9 dams-------	35	7,456	4.3	320
Herd Owner, B. C. De Witt, Hornell.	Difference---	(4-3-4)	+135	-.2	-5
STRATHGLASS SYMBOLIZER 41218----------	20 daughters-	42	7,985	4.0	322
Born, 9-24-29; proved, 9-14-48;----; N. Y.	6 daughters--	12	8,735	3.9	344
Sire, 36062; dam, 103792.	6 dams-------	44	9,218	4.0	370
Herd Owner, Charles M. Rodriguez, Cropseyville.	Difference---	(2-4-2)	-483	-.1	-26
SYCAMORE ADMIRATION 53831----------	15 daughters-	29	9,218	4.0	367
Born, 3-4-36; proved, 9-13-48; alive; Ohio.	9 daughters--	20	9,422	4.0	375
Sire, 35622; dam, 123884.	9 dams-------	28	11,912	4.2	500
Herd Owner, W. Dale McCormick, Pataskala.	Difference---	(3-2-3)	-2,490	-.2	-125

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SYCAMORE SOLAR 55761----------	16 daughters-	23	9,904	4.0	401
Born, 10-20-36; proved, 9-13-48; alive; Ohio.	6 daughters--	11	11,921	4.1	494
Sire, 51654; dam, 151244.	6 dams-------	13	11,832	4.0	471
Herd Owner, Gus Langel & Son, Kirkersville.	Difference---	(3-4-3)	+89	+.1	+23
SYCAMORE SWANKY 52369----------	6 daughters--	13	8,548	3.7	312
Born, 9-19-35; proved, 9-7-48;----; Pa.	5 daughters--	12	9,517	3.7	350
Sire, 47472; dam, 125874.	5 dams-------	17	9,257	3.9	360
Herd Owner, Herbert W. Seidel & Sons, Virginville.	Difference---	(3-0-2)	+260	-.2	-10
SYCAMORE WHITE SAILS 63723----------	15 daughters-	26	7,523	3.9	290
Born, 2-29-40; proved, 9-10-48;----; Pa.	15 dams------	61	7,559	3.9	297
Sire, 51654; dam,151245.	Difference---	(8-5-6)	-36	.0	-7
Herd Owner, E. H. Sage, Bradford.					
SYLVAN PRINCE 50644----------	6 daughters--	16	7,381	3.9	286
Born, 1-5-35; proved, 9-10-48;----; N. Y.	5 daughters--	15	7,255	3.8	278
Sire, 41220; dam, 103284.	5 dams-------	21	9,439	3.7	345
Herd Owner, Clarence Dildine & Pritchard, Auburn.	Difference---	(1-5-1)	-2,184	+.1	-67
VISTA GRANDE DOUGLAS CYCLONE 67090----------	9 daughters--	11	8,654	3.9	339
Born, 5-30-41; proved, 9-27-48;----; Iowa.	6 daughters--	7	9,176	3.8	353
Sire, 47364; dam, 173950.	6 dams-------	34	8,692	3.6	317
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(3-6-5)	+484	+.2	+36
WAR BOND OF SOUTH FARM 72474----------	5 daughters--	5	6,263	3.9	244
Born, 6-20-42; proved, 9-10-48;----; Ohio.	5 dams-------	11	9,475	3.7	351
Sire, 62571; dam, 128496.	Difference---	(0-4-0)	-3,212	+.2	-107
Herd Owner, John P. Siemon & Sons, Kenton.					

BROWN SWISS SIRES					
GENO'S GENERAL OF MT. VERNON 34882----------	14 daughters-	22	9,438	4.0	378
Born, 5-2-36; proved, 9-13-48;----; W. Va.	6 daughters--	11	10,142	4.0	409
Sire, 26063; dam, 22402.	6 dams-------	10	10,943	4.0	434
Herd Owner, Harold E. Shadle, Beech Hill.	Difference---	(2-4-2)	-801	.0	-25
GURTHAU'S KEEPER J. B. 46383----------	5 daughters--	13	10,358	4.2	439
Born, 4-13-40; proved, 9-14-48;----; Mich.	5 dams-------	20	9,761	4.2	405
Sire, 31653; dam, 30877.	Difference---	(2-3-2)	+597	.0	+34
Herd Owner, Adolph J. Neitzke & Son, Grand Blanc.					
HOPE'S MASTER OF WEND-LAND FARM 38742----------	5 daughters--	7	9,535	4.0	380
Born, 12-19-36; proved, 9-9-48;----; Minn.	5 dams-------	16	10,479	3.9	410
Sire, 30866; dam, 44103.	Difference---	(2-2-2)	-944	+.1	-30
Herd Owner, Fred Rickert & Wachal, Lakefield.					
LAKE VIEW REPEATER 2D 43482----------	9 daughters--	9	9,826	3.8	375
Born, 8-2-38; proved, 9-9-48;----; Ind.	5 daughters--	5	10,208	3.8	391
Sire,32433; dam, 61854.	5 dams-------	5	8,867	3.8	339
Herd Owner, William Gutzwiller, Batesville.	Difference---	(4-4-4)	+1,341	.0	+52
MAGNO'S VIRGINIA'S LEBETTY OF THE COTTONWOODS 3D 40669-----	7 daughters--	17	7,546	4.1	311
Born, 2-21-38; proved, 9-9-48;----; Mo.	6 daughters--	16	7,808	4.1	321
Sire, 43488; dam, 52324.	6 dams-------	8	7,825	4.0	310
Herd Owner, Henry G. Le Page, Jefferson City.	Difference---	(3-5-3)	-17	+.1	+11
NACKERS' RUTH COLLEGE BOY 44246----------	9 daughters--	10	10,768	3.8	407
Born, 10-19-38; proved, 9-13-48;----; Wis.	7 daughters--	8	10,945	3.7	406
Sire, 31101; dam, 63718.	7 dams-------	9	9,887	3.7	364
Herd Owner, Kenneth Heller, Cecil.	Difference---	(5-5-5)	+1,058	.0	+42
PLEASANT KNOLL'S COLLEGE LAD 41028----------	6 daughters--	10	10,842	4.3	465
Born, 1-1-38; proved, 9-13-48; dead; Ill.	5 daughters--	9	11,075	4.3	481
Sire, 29825; dam, 57338.	5 dams-------	14	10,266	4.3	446
Herd Owner, Ed J. & John F. Sullivan, Lena.	Difference---	(4-3-4)	+809	.0	+35
SIBLEY GIRL'S FRED 45378----------	5 daughters--	5	9,837	3.7	368
Born, 3-31-39; proved, 9-13-48;----; Wis.	5 dams-------	16	9,309	3.9	360
Sire, 26749; dam, 48958.	Difference---	(4-3-3)	+528	-.2	+8
Herd Owner, Dwight Kruel, Fennimore.					
35*CB5161 (BANGS OR TB EARTAG)----------	12 daughters-	25	7,062	3.8	268
Born, ----; proved, 9-13-48;----; Wis.	5 daughters--	6	6,618	3.7	245
Sire, ----; dam, ----.	5 dams-------	28	7,689	3.8	289
Herd Owner, Peter Schroeder, Elmwood.	Difference---	(0-3-0)	-1,071	-.1	-44

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ARGILLA BELLEVUE 324507----------	20 daughters-	28	5,310	4.5	241
Born, 8-16-40; proved, 9-24-48;----; Maine.	17 daughters-	24	5,266	4.6	240
Sire, 203950; dam, 276768.	17 dams------	56	5,697	5.1	291
Herd Owner, Ivory Hall, Scarboro.	Difference---	(5-2-5)	-431	-.5	-51
ARGILLA CHEERLEADER 310612----------	7 daughters--	7	7,823	4.2	328
Born, 3-25-41; proved, 9-16-48;----; Wis.	6 daughters--	6	7,489	4.3	323
Sire, 203950; dam, 545736.	6 dams-------	25	7,853	4.8	373
Herd Owner, Clarence E. Sheridan, Fond du Lac.	Difference---	(2-1-1)	-364	-.5	-50
BACCHUS OF ELGERCON 237771----------	8 daughters--	8	8,832	4.6	409
Born, 4-7-36; proved, 9-8-48;----; Ohio.	6 daughters--	6	8,985	4.7	421
Sire, 162144; dam, 228699.	6 dams-------	20	8,041	5.1	414
Herd Owner, Frank & Gier Weininger, Sycamore.	Difference---	(4-1-4)	+944	-.4	+7
BELLE'S RED ROY 326557----------	5 daughters--	7	9,048	4.7	428
Born, 4-4-41; proved, 9-21-48;----; Pa.	5 dams-------	16	7,713	5.0	389
Sire, 208111; dam, 271105.	Difference---	(5-1-4)	+1,335	-.3	+39
Herd Owner, Carl I. Davison, Evans City.					
BONNIE'S ADMIRAL OF FARVIEW 264687----------	11 daughters-	11	7,492	5.1	384
Born, 4-8-38; proved, 9-13-48;----; Wis.	9 daughters--	9	7,544	5.2	394
Sire, 235924; dam, 462222.	9 dams-------	26	7,400	4.9	360
Herd Owner, Donald Monick, Camp Douglas.	Difference---	(6-8-8)	+144	+.3	+34
BOONEVILLE VERN 337377----------	9 daughters--	11	7,819	5.3	417
Born, 6-26-41; proved, 9-24-48;----; Wash.	8 daughters--	9	7,797	5.4	418
Sire, 280963; dam, 551210.	8 dams-------	26	8,168	5.3	435
Herd Owner, E. M. Russell, Zillah.	Difference---	(3-4-5)	-371	+.1	-17
BOULDER BRIDGE MATCHER 315387----------	12 daughters-	16	6,865	4.9	339
Born, 1-4-41; proved, 9-13-48; dead; Minn.	5 daughters--	6	6,867	5.0	344
Sire, 259502; dam, 352967.	5 dams-------	9	7,864	5.1	398
Herd Owner, Lloyd Lumber & Supply Co., Mankato.	Difference---	(2-2-2)	-997	-.1	-54
BROAD HILL VALOR 293711----------	6 daughters--	10	10,628	4.6	488
Born, 12-15-39; proved, 9-7-48; dead; Conn.	6 dams-------	17	9,631	5.0	479
Sire, 248789; dam, 525120.	Difference---	(4-0-2)	+997	-.4	+9
Herd Owner, Tudor F. Holcomb, West Granby.					
BROADWATER REXIS 230651----------	22 daughters-	34	7,507	5.1	384
Born, 9-6-35; proved, 9-30-48;----; Pa.	10 daughters-	16	7,431	5.1	382
Sire, 166127; dam, 335194.	10 dams------	15	7,683	5.1	390
Herd Owner, James R. Wood, Nottingham.	Difference---	(6-6-4)	-252	.0	-8
BUTTERFAT OF VERMILLION FARM 327277----------	5 daughters--	5	9,437	4.6	433
Born, 2-22-42; proved, 9-2-48; dead; Wis.	5 dams-------	18	7,252	4.8	350
Sire, 192481; dam, 465511.	Difference---	(5-2-5)	+2,185	-.2	+83
Herd Owner, Alfred Kusilek, River Falls.					
CHARLESCOTE MERCURY 296019----------	15 daughters-	20	8,239	4.7	384
Born, 10-5-40; proved, 9-9-48;----; Wis.	9 daughters--	12	8,158	4.6	378
Sire, 256659; dam, 497164.	9 dams-------	15	6,695	5.0	332
Herd Owner, C. O. Wanvig, Milwaukee.	Difference---	(8-3-7)	+1,463	-.4	+46
CHARLIE'S JACK OF MAPLE LAWN 291174----------	12 daughters-	16	9,009	4.7	424
Born, 8-16-39; proved, 9-7-48; dead; N. Y.	9 daughters--	12	9,143	4.8	435
Sire, 211816; dam, 575823.	9 dams-------	24	8,369	5.0	418
Herd Owner, Sherman Lake, Lyons.	Difference---	(4-3-4)	+774	-.2	+17
CHEDCO LESTER 243104----------	9 daughters--	16	8,189	4.8	392
Born, 11-20-36; proved, 9-8-48;----; Mass.	9 dams-------	31	8,990	4.8	434
Sire, 211731; dam, 217484.	Difference---	(2-5-2)	-801	.0	-42
Herd Owner, Oakholm Farm, Brookfield.					
CHERUB'S DUKE JACK 356117----------	7 daughters--	10	7,587	4.2	319
Born, 10-12-36; proved, 9-16-48;----; Wis.	7 dams-------	16	7,780	4.2	327
Sire, 158305; dam, 418955.	Difference---	(4-4-3)	-193	.0	-8
Herd Owner, Carl Hartway, Park Falls.					
CLORA'S POINT TOR 318883----------	9 daughters--	12	7,796	5.1	396
Born, 1-15-42; proved, 9-2-48;----; Pa.	8 daughters--	11	7,924	5.1	403
Sire, 257536; dam, 559608.	8 dams-------	32	8,765	5.1	444
Herd Owner, John A. Breneman, Willow Street.	Difference---	(1-5-1)	-841	.0	-41
COLDSPRING'S HARDWICK CONSORT 283305----------	15 daughters-	25	9,977	4.7	465
Born, 10-31-39; proved, 9-8-48;----; Pa.	11 daughters-	17	9,693	4.7	453
Sire, 207097; dam, 468549.	11 dams------	50	9,609	4.7	455
Herd Owner, Goodleigh Farm, Dallas.	Difference---	(6-5-5)	+84	.0	-2
DEEPDENE BASIL 313940----------	9 daughters--	15	6,552	5.0	329
Born, 11-14-39; proved, 9-30-48;----; Iowa.	9 dams-------	32	6,582	5.4	354
Sire, 263093; dam, 609469.	Difference---	(4-3-4)	-30	-.4	-25
Herd Owner, Harold Creswell, Hudson.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DEERSHORN IRIS' SILVER CLOUD 320086----------	15 daughters-	29	6,648	4.6	307
Born, 5-1-40; proved, 9-2-48;----; Vt.	14 daughters-	28	6,542	4.6	303
Sire, 153439; dam, 590897.	14 dams------	60	6,873	4.9	337
Herd Owner, Rufus O. Estey, Springfield.	Difference---	(6-3-6)	-331	-.3	-34
DOLLY'S PRINCE OF ROZELYN 311748----------	8 daughters--	12	9,374	5.1	479
Born, 1-14-41; proved, 9-30-48;----; Wash.	5 daughters--	6	9,731	5.0	483
Sire, 232653; dam, 469049.	5 dams-------	12	10,280	4.6	474
Herd Owner, Bob Tiplin, Everson.	Difference---	(2-4-4)	-549	+.4	+9
DOMINANT'S GLOWANA 321665----------	5 daughters--	5	8,374	4.7	394
Born, 7-19-42; proved, 9-21-48; dead; N. Y.	5 dams-------	20	7,566	5.1	383
Sire, 283774; dam, 437962.	Difference---	(4-1-3)	+808	-.4	+11
Herd Owner, John H. Saxe, Kingston.					
DOUGLASTON MONARCH 279252----------	17 daughters-	20	9,022	5.1	460
Born, 7-15-39; proved, 9-24-48;----; Ind.	10 daughters-	12	8,406	5.1	429
Sire, 226719; dam, 462396.	10 dams------	23	8,589	4.9	420
Herd Owner, Dietrich Farms, Inc., Bremen.	Difference---	(5-8-5)	-183	+.2	+9
EAST MALTA'S FANNIE'S HAROLD 314015----------	6 daughters--	6	7,182	4.6	330
Born, 10-4-41; proved, 9-30-48;----; Pa.	6 dams-------	14	7,083	4.8	338
Sire, 246072; dam, 614506.	Difference---	(3-1-3)	+99	-.2	-8
Herd Owner, Clarence E. Witmer, Dalmatia.					
ELMWOOD FARMS ROYAL FAIRBOY 318274----------	6 daughters--	8	8,619	4.9	422
Born, 10-25-41; proved, 9-2-48; dead; N. Y.	5 daughters--	7	8,584	5.0	425
Sire, 279696; dam, 537670.	5 dams-------	19	8,122	4.9	401
Used in New York Co-op. A. B. A., Inc.	Difference---	(3-2-2)	+462	+.1	+24
ETH-MEAD PANDORA'S FORESTER 331446----------	5 daughters--	7	8,499	4.8	409
Born, 3-6-42; proved, 9-24-48;----; Mich.	5 dams-------	17	8,894	5.1	450
Sire, 231556; dam, 564613.	Difference---	(1-1-1)	-395	-.3	-41
Herd Owner, Springrove Farm, Holly.					
FLORHAM PETER 294495----------	11 daughters-	15	7,899	4.2	328
Born, 9-16-40; proved, 9-9-48;----; Wis.	7 daughters--	10	7,933	4.3	337
Sire, 141686;dam, 469244.	7 dams-------	35	7,347	4.9	359
Herd Owner, Ruth W. Birk, Thiensville.	Difference---	(5-0-3)	+586	-.6	-22
FOREMOST MARKSMAN 316787----------	13 daughters-	19	6,822	5.2	354
Born, 11-19-41; proved, 9-30-48;----; Iowa.	10 daughters-	14	6,652	5.2	344
Sire, 229913; dam, 604376.	10 dams------	41	6,247	5.1	319
Herd Owner, Roy Crawford, Jesup.	Difference---	(7-5-6)	+405	+.1	+25
FORTUNATE CHIEMS OF AMACOY LAKE 280394----------	7 daughters--	11	6,608	5.1	335
Born, 10-17-39; proved, 9-24-48;----; Wis.	7 dams-------	18	7,785	4.7	363
Sire, 248972; dam, 374262.	Difference---	(1-6-2)	-1,177	+.4	-28
Herd Owner, Walter Martindale & Son, Bruce.					
FRANKLAND PERLIANCE 275990----------	16 daughters-	21	7,414	4.6	341
Born, 5-20-39; proved, 9-30-48;----; Wis.	12 daughters-	14	7,574	4.6	350
Sire, 216272; dam, 336939.	12 dams------	40	6,597	4.8	320
Herd Owner, John D. Hill, Rosendale.	Difference---	(10-5-8)	+977	-.2	+30
FRIENDSHIP B. CADENT 321016----------	5 daughters--	7	6,969	5.0	349
Born, 10-24-41; proved, 9-9-48;----; Pa.	5 dams-------	26	9,765	4.7	455
Sire, 262514; dam, 283820.	Difference---	(1-3-1)	-2,796	+.3	-106
Herd Owner, J. W. Hoffeditz & Son, Mercersburg.					
FRIENDSHIP RENOWN GREGORY 313175----------	6 daughters--	7	7,185	4.9	353
Born, 6-26-41; proved, 9-7-48;----; Pa.	6 dams-------	21	8,844	5.0	444
Sire, 284533; dam, 600832.	Difference---	(1-2-0)	-1,659	-.1	-91
Herd Owner, Keener Brothers, Carmichaels.					
GAYLORD'S ARBITER'S PLUTOCRAT 297450----------	9 daughters--	11	8,093	4.7	384
Born,8-21-40; proved, 9-2-48; dead; Mo.	8 daughters--	10	8,034	4.8	385
Sire, 230968; dam, 430598.	8 dams-------	23	7,832	4.8	378
Herd Owner, Fred Shamberger, Graham.	Difference---	(5-4-4)	+202	.0	+7
GERAR REEBA'S CHARMER 291269----------	5 daughters--	9	7,108	4.4	316
Born, 4-26-40; proved, 9-21-48;----; Pa.	5 dams-------	16	5,854	4.9	289
Sire, 254705; dam, 415378.	Difference---	(3-0-3)	+1,254	-.5	+27
Herd Owner, Lee M. Poorbaugh, York.					
GOLDEN HARVEST WARRIOR 304464----------	9 daughters--	11	7,633	5.1	392
Born, 11-17-39; proved, 9-9-48;----; Conn.	7 daughters--	9	7,494	5.3	399
Sire, 160702; dam, 392186.	7 dams-------	21	7,270	4.9	357
Used in Litchfield Co. A. B. A.	Difference---	(6-6-6)	+224	+.4	+42
GOODLEIGH FLOWERING BRILLIANCE 247493----------	7 daughters--	8	7,512	4.9	365
Born, 2-4-37; proved, 9-30-48;----; Iowa.	7 dams-------	15	8,295	5.0	417
Sire, 200374; dam, 324649.	Difference---	(1-2-1)	-783	-.1	-52
Herd Owner, Potter & Van Bugart, Waucoma.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GORDONDALE PROUD GALLANT 327512----------	5 daughters--	5	6,548	5.1	334
Born, 9-9-42; proved, 9-2-48;----; Wis.	5 dams-------	5	8,077	4.8	389
Sire, 264695; dam, 602777.	Difference---	(0-4-1)	-1,529	+.3	-55
Herd Owner, Martin J. Steffanus, Custer.					
GRANDEE'S NYLON OF MIDDALE 309706----------	8 daughters--	12	7,338	4.5	333
Born, 8-25-41; proved, 9-24-48;----; Wash.	8 dams-------	20	6,596	4.7	308
Sire, 277712; dam, 532581.	Difference---	(5-3-5)	+742	-.2	+25
Used in Evergreen A. B. A.					
GRAYSON VAGABOND'S KING 320731----------	5 daughters--	7	6,554	5.4	357
Born, 4-29-42; proved, 9-7-48;----; Pa.	5 dams-------	22	7,519	5.1	387
Sire, 255398; dam, 553409.	Difference---	(1-4-2)	-965	+.3	-30
Herd Owner, Wayne Hoffman, Richfield.					
GREEN MEADS WILLOW CHIEF 312989----------	5 daughters--	5	8,020	5.0	399
Born, 2-9-41; proved, 9-2-48;----; N. Y.	5 dams-------	15	7,028	5.1	362
Sire, 219337; dam, 658219.	Difference---	(4-3-3)	+992	-.1	+37
Herd Owner, Judson J. Morgan, Canandaigua.					
GREGORY'S WARRIOR 310273----------	12 daughters-	16	6,148	5.1	314
Born, 10-14-41; proved, 9-24-48;----; N. Y.	7 daughters--	9	6,760	4.9	334
Sire, 279033; dam, 564723.	7 dams-------	12	8,021	4.5	359
Herd Owner, John S. Downie, Otego.	Difference---	(1-5-2)	-1,261	+.4	-25
GUSANNA'S BARONET 320162----------	6 daughters--	9	6,084	4.9	298
Born, 3-26-40; proved, 9-3-48;----; Wis.	5 daughters--	8	6,114	4.9	300
Sire, 242330; dam, 288874.	5 dams-------	15	6,401	4.8	304
Herd Owner, William H. Hovener, Grafton.	Difference---	(3-1-2)	-287	+.1	-4
GWYNLLAN CHEER 266574----------	15 daughters-	17	7,191	4.5	321
Born, 7-28-38; proved, 9-23-48;----; Pa.	9 daughters--	11	7,321	4.4	323
Sire, 199077; dam, 421924.	9 dams-------	12	6,159	4.6	285
Herd Owner, G. R. Kester, Foxburg.	Difference---	(6-4-6)	+1,162	-.2	+38
HARDWICK RAIDER OF W. V. 294021----------	6 daughters--	8	5,104	4.7	242
Born, 6-3-40; proved, 9-7-48;----; W. Va.	6 dams-------	15	6,324	4.8	306
Sire, 245487; dam, 350080.	Difference---	(0-3-0)	-1,220	-.1	-64
Herd Owner, W. H. Hutchison & Son, West Alexander, Pa.					
HAWTHORN ROYAL'S FOREMOST 311211----------	5 daughters--	10	6,665	5.1	342
Born, 5-16-41; proved, 9-27-48;----; Wis.	5 dams-------	14	5,684	5.2	297
Sire, 264921; dam, 397548.	Difference---	(3-3-4)	+981	-.1	+45
Herd Owner, St. Bonaventure Seminary, Sturtevant.					
HERB'S GOVERNOR OF PAYNESVILLE 275330----------	5 daughters--	8	4,312	4.8	206
Born, 4-7-38; proved, 9-21-48; dead; Minn.	5 dams-------	13	7,149	4.8	342
Sire, 225284; dam, 502106.	Difference---	(0-3-0)	-2,837	.0	-136
Herd Owner, John E. Burton, Sauk Rapids.					
HIGHCROFT CHIEMS' BELL BUOY 248972----------	7 daughters--	13	7,776	5.4	417
Born, 1-10-36; proved, 9-2-48;----; Wis.	6 daughters--	12	8,081	5.4	440
Sire, 160913; dam, 333483.	6 dams-------	21	7,480	5.1	385
Herd Owner, Floyd Purdy, Tomah.	Difference---	(3-5-4)	+601	+.3	+55
HILLTOP HEARTSEASE NOBLE 290069----------	7 daughters--	11	9,724	4.9	476
Born, 2-1-40; proved, 9-9-48; dead; Conn.	6 daughters--	10	9,425	4.8	457
Sire, 148228; dam, 512696.	6 dams-------	13	7,625	4.8	363
Herd Owner, Mount Fair Farm, Watertown.	Difference---	(6-3-5)	+1,800	.0	+94
HOLVIO OF E. L. 326800----------	8 daughters--	8	5,945	5.0	299
Born, 12-12-41; proved, 9-23-48;----; Wis.	8 dams-------	36	7,184	4.8	346
Sire, 248345; dam, 460966.	Difference---	(2-6-1)	-1,239	+.2	-47
Herd Owner, Waldo Graf, Kiel.					
HOOSIERLAND'S ABE 362855----------	5 daughters--	7	8,149	5.3	436
Born, 1-24-42; proved, 9-23-48;----; Ind.	5 dams-------	23	8,486	5.0	427
Sire, 263060; dam, 540995.	Difference---	(2-3-4)	-337	+.3	+9
Herd Owner, Scott Kirkpatrick & Sons, Muncie.					
HOPEFUL'S HANDSOME OF IOWA 332828----------	6 daughters--	6	6,577	4.6	300
Born, 11-4-42; proved, 9-13-48; dead; Iowa.	6 dams-------	22	7,397	4.9	363
Sire, 293971; dam, 479022.	Difference---	(1-2-1)	-820	-.3	-63
Herd Owner, Fred Steege, Maynard.					
IDYLBROOK EUREKA 322660----------	6 daughters--	6	10,630	5.1	542
Born, 4-13-42; proved, 9-24-48; alive; N. Y.	6 dams-------	19	9,678	4.8	465
Sire, 209348; dam, 406932.	Difference---	(5-5-6)	+952	+.3	+77
Herd Owner, Elmwood Farms, Hall.					
JERRY OF KETTLE RANGE 311412----------	7 daughters--	14	6,426	4.8	308
Born, 1-1-40; proved, 9-28-48;----; Wis.	6 daughters--	12	6,398	4.8	306
Sire, 268131; dam, 468282.	6 dams-------	21	7,347	4.5	334
Herd Owner, Waldo Graf, Kiel.	Difference---	(2-4-2)	-949	+.3	-28

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
JOMADO'S REX 277802----------	5 daughters--	7	4,825	5.2	250
Born, 4-17-39; proved, 9-24-48;----; Va.	5 dams-------	16	6,598	4.9	325
Sire, 211279; dam, 511402.	Difference---	(0-4-1)	-1,773	+.3	-75
Herd Owner, H. N. Rakes, Lee Hall.					
JULIA'S CONCLAVE OF WOODBURN 369860----------	7 daughters--	9	9,161	4.6	426
Born, 3-16-41; proved, 9-14-48; dead; Md.	7 dams-------	15	8,407	4.3	363
Sire, 223503; dam, 538684.	Difference---	(4-6-5)	+754	+.3	+63
Herd Owner, Howard M. Artz, Hagerstown.					
KENFLEUR'S LIL'S ALERT 312157----------	9 daughters--	10	8,039	5.0	399
Born, 12-5-40; proved, 9-24-48;----; Ill.	7 daughters--	8	8,153	5.1	419
Sire, 198651; dam, 529499.	7 dams-------	15	7,285	4.9	360
Herd Owner, Harry Bauer, Loda.	Difference---	(4-5-4)	+868	+.2	+59
KILMA'S CZAR OF ROSEDALE 293934----------	5 daughters--	7	8,556	4.8	410
Born, 10-12-40; proved, 9-24-48;----; Iowa.	5 dams-------	12	9,704	4.4	430
Sire, 223847; dam, 645944.	Difference---	(1-5-2)	-1,148	+.4	-20
Herd Owner, Stoll Brothers, Wilton Junction.					
KING'S GEORGIE'S PROSPECT 266383----------	5 daughters--	9	6,358	4.9	312
Born, 2-23-38; proved, 9-30-48;----; Utah.	5 dams-------	18	6,830	4.8	329
Sire, 164075; dam, 186458.	Difference---	(1-3-1)	-472	+.1	-17
Herd Owner, C. Alfred Bohman, Morgan.					
KITCHENER MINUTE MAN 291217----------	16 daughters-	16	6,289	4.9	305
Born, 2-21-40; proved, 9-21-48;----; Wis.	14 daughters-	14	6,291	4.8	304
Sire, 248287; dam, 431887.	14 dams------	30	6,398	5.1	328
Herd Owner, Arthur P. Bean, Vesper.	Difference---	(7-4-7)	-107	-.3	-24
KREA LAWN MARVEL 318212----------	13 daughters-	19	7,910	4.7	375
Born, 9-29-41; proved, 9-22-48;----; Pa.	12 daughters-	18	7,769	4.8	370
Sire, 273578; dam, 617555.	12 dams------	28	7,527	4.7	355
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(8-7-7)	+242	+.1	+15
LAD OF VERMILLION FARM 294332----------	19 daughters-	32	6,966	5.0	350
Born, 4-17-40; proved, 9-9-48;----; Wis.	14 daughters-	24	7,000	5.0	352
Sire, 185999; dam, 501604.	14 dams------	54	6,655	4.7	315
Herd Owner, Ernest O. Herbert, Arcadia.	Difference---	(8-12-10)	+345	+.3	+37
LAD'S GLORY OF HICKORY RIDGE 327722----------	6 daughters--	6	7,799	4.6	358
Born, 9-6-42; proved, 9-9-48;----; Pa.	6 dams-------	23	11,563	4.7	538
Sire, 281186; dam, 536664.	Difference---	(0-3-0)	-3,764	-.1	-180
Herd Owner, Chester R. Graham, Morrisdale.					
LASS' ULTRA DIXIE 336688----------	8 daughters--	14	8,078	5.2	418
Born, 8-5-40; proved, 9-3-48;----; Va.	6 daughters--	11	8,287	5.2	431
Sire, 264295; dam, 502012.	6 dams-------	7	11,330	4.1	468
Herd Owner, R. W. Pound, Elkwood.	Difference---	(2-6-3)	-3,043	+1.1	-37
LAUREL LEDGE LOCUST 310095----------	6 daughters--	6	7,485	4.8	357
Born, 6-30-41; proved, 9-14-48; dead; Conn.	5 daughters--	5	7,487	4.8	357
Sire, 293676; dam, 603931.	5 dams-------	11	7,103	4.8	339
Herd Owner, Frank E. Calhoun, Cornwall.	Difference---	(2-3-2)	+384	.0	+18
LUXERIN STATESMAN 269042----------	20 daughters-	24	8,385	4.9	411
Born, 4-30-38; proved, 9-8-48;----; Wis.	13 daughters-	15	8,599	4.9	421
Sire, 209211; dam, 257455.	13 dams------	41	8,120	4.8	386
Herd Owner, G. E. Schalow & Son, Green Lake.	Difference---	(8-11-10)	+479	+.1	+35
LUXERIN ULTIMAS 291604----------	14 daughters-	19	7,452	4.7	349
Born, 5-9-40; proved, 9-2-48;----; Wis.	12 daughters-	16	7,763	4.6	359
Sire, 264695; dam, 518735.	12 dams------	43	7,160	4.9	347
Herd Owner, Anton O. Berge & Son, Valders.	Difference---	(8-4-7)	+603	-.3	+12
MABEL'S MONARCH OF FUTURE HOPE 241288----------	15 daughters-	46	6,900	4.9	338
Born, 2-25-36; proved, 9-8-48;----; Wis.	7 daughters--	22	6,619	5.0	331
Sire, 199464; dam, 233409.	7 dams-------	12	6,591	5.3	348
Herd Owner, John A. Pritzl, Cato.	Difference---	(4-2-2)	+28	-.3	-17
MAJOR OF WEST GROVE FARM 311875----------	6 daughters--	6	8,815	4.8	427
Born, 11-21-41; proved, 9-14-48;----; Minn.	6 dams-------	14	8,341	5.1	429
Sire, 249837; dam, 622686.	Difference---	(3-2-2)	+474	-.3	-2
Herd Owner, Uno Danska, Buhl.					
MAR'S PRIDE OF SCHAD FARMS 309481----------	10 daughters-	17	6,552	4.9	322
Born, 2-7-41; proved, 9-24-48;----; Ill.	8 daughters--	14	6,448	4.8	309
Sire, 271004; dam, 378708.	8 dams-------	37	7,440	4.6	341
Herd Owner, Harry Sickmeyer, Campbell Hill.	Difference---	(2-6-2)	-992	+.2	-32
MCDONALD FARMS COMBINATION 274203----------	5 daughters--	6	6,650	5.5	365
Born, 8-20-37; proved, 9-30-48;----; Ind.	5 dams-------	9	7,612	5.0	384
Sire, 211205; dam, 349034.	Difference---	(1-5-3)	-962	+.5	-19
Herd Owner, Dr. F. A. Hall & C. Fitch, Corunna.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MCDONALD FARMS FANCIER 291728----------	27 daughters-	34	9,486	4.9	466
Born, 4-11-40; proved, 9-22-48;----; Md.	19 daughters-	24	9,473	5.0	472
Sire, 262516; dam, 628375.	19 dams------	41	9,723	4.8	469
Herd Owner, Mt. Ararat Farms, Port Deposit.	Difference---	(9-14-7)	-250	+.2	+3
MCDONALD FARMS FASCINATOR 311569----------	9 daughters--	11	7,902	4.7	373
Born, 11-8-40; proved, 9-27-48;----; Va.	9 dams-------	39	7,208	4.8	344
Sire, 212227; dam, 414230.	Difference---	(8-5-8)	+694	-.1	+29
Herd Owner, Va. Conference Orphanage of the M. E. Church, Richmond.					
MCDONALD FARMS FLOYD 316839----------	6 daughters--	8	9,022	4.5	404
Born, 5-10-40; proved, 9-22-48;----; N. Y.	6 dams-------	18	7,914	4.6	364
Sire, 233983; dam, 465930.	Difference---	(4-4-4)	+1,108	-.1	+40
Herd Owner, E. D. Schlegel, Conesus.					
MCDONALD FARMS GUARDSMAN 329445----------	11 daughters-	12	7,623	4.8	369
Born, 11-13-41; proved, 9-7-48;----; N. Y.	5 daughters--	5	7,415	4.9	365
Sire, 212227; dam, 304791.	5 dams-------	7	7,140	4.9	352
Herd Owner, Gordon Begent, Ithaca.	Difference---	(4-3-4)	+275	.0	+13
MCDONALD FARMS HERO 323869----------	8 daughters--	8	7,330	4.8	351
Born, 4-7-42; proved, 9-22-48; alive; Ariz.	7 daughters--	7	7,324	4.7	348
Sire, 212227; dam, 523722.	7 dams-------	25	7,739	4.5	345
Herd Owner, Shamrock Dairy, Tucson.	Difference---	(4-6-4)	-415	+.2	+3
MCDONALD FARMS WESTERN STAR 293926----------	7 daughters--	11	8,782	5.2	455
Born, 10-2-40; proved, 9-2-48;----; Wash.	7 dams-------	12	9,122	5.1	463
Sire, 212227; dam, 370944.	Difference---	(3-5-3)	-340	+.1	-8
Herd Owner, E. M. Russell, Zillah.					
MEADOWLARK FLOSSIE'S PRINCE 309716----------	10 daughters-	13	5,737	5.1	293
Born, 12-5-39; proved, 9-27-48;----; Iowa.	7 daughters--	9	5,733	5.1	291
Sire, 210936; dam, 496332.	7 dams-------	20	7,554	4.5	342
Herd Owner, Arno Kregel, Garnavillo.	Difference---	(2-6-3)	-1,821	+.6	-51
MEADOW LODGE CLIMAX 273749----------	5 daughters--	5	7,809	4.7	364
Born, 11-9-38; proved, 9-21-48;----; Kans.	5 dams-------	8	9,555	4.7	447
Sire, 237502; dam, 439741.	Difference---	(1-2-2)	-1,746	.0	-83
Herd Owner, Howard A. Kissinger, Ottawa.					
MULROCAWAY BUTTERFAT CHERUB 282759----------	20 daughters-	23	7,423	4.9	360
Born, 1-20-40; proved, 9-9-48; dead; N. J.	9 daughters--	12	8,256	4.9	404
Sire, 257259; dam, 387057.	9 dams-------	30	9,863	4.2	414
Used in Cooperative A. B. A. #1, Inc.	Difference---	(3-9-3)	-1,607	+.7	-10
NAVIGATOR'S NOBLE BOY 278700----------	24 daughters-	53	7,869	4.6	361
Born, 5-20-39; proved, 9-30-48;----; Pa.	9 daughters--	18	7,549	4.7	353
Sire, 264305; dam, 590367.	9 dams-------	20	7,054	4.7	335
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(6-1-6)	+495	.0	+18
OAKLAND MANOR STEADFAST PRINCE 330005----------	7 daughters--	11	8,245	4.8	400
Born, 2-6-40; proved, 9-27-48;----; Md.	5 daughters--	8	8,393	4.7	395
Sire, 246223; dam, 533534.	5 dams-------	25	8,850	4.8	427
Herd Owner, Charles F. Smith, Jr. & Mrs. Juliet G. Smith, Union Bridge.	Difference---	(1-2-1)	-457	-.1	-32
OLLIMAC PRINCE'S FERDINAND 322206----------	7 daughters--	11	9,127	4.7	431
Born, 10-27-40; proved, 9-28-48;----; Calif.	7 dams-------	19	7,111	4.9	346
Sire, 239588; dam, 498147.	Difference---	(6-2-5)	+2,016	-.2	+85
Herd Owner, C. M. Morelli, Petaluma.					
PETE OF SYCAMORE RUN 332915----------	11 daughters-	17	6,615	4.6	302
Born, 4-18-39; proved, 9-23-48;----; Pa.	6 daughters--	11	7,305	4.7	344
Sire, 218546; dam, 343366.	6 dams-------	11	7,005	5.0	353
Herd Owner, Donald E. Weicksel, Christiana.	Difference---	(5-2-3)	+300	-.3	-9
PET'S RIVERSIDE PRINCE 312326----------	6 daughters--	11	6,532	5.2	339
Born, 4-19-40; proved, 9-24-48;----; Pa.	6 dams-------	24	8,033	4.7	381
Sire, 148515; dam, 253415.	Difference---	(1-6-1)	-1,501	+.5	-42
Herd Owner, B. Hayes Ralston, Centre Hall.					
PINE BROOK FARMS SAILOR BOY 339073----------	5 daughters--	5	6,476	4.7	303
Born, 6-2-42; proved, 9-27-48;----; Pa.	5 dams-------	13	8,405	4.0	333
Sire, 209799; dam, 589693.	Difference---	(1-4-2)	-1,929	+.7	-30
Herd Owner, John L. Campbell, Catawissa.					
PINE MANOR KING'S COUNSELLOR 291185----------	11 daughters-	16	9,385	4.4	417
Born, 4-16-40; proved, 9-24-48;----; Wis.	6 daughters--	9	9,071	4.5	408
Sire, 250949; dam, 369593.	6 dams-------	15	9,330	4.7	442
Herd Owner, N. J. Moon, Jr., Oshkosh.	Difference---	(3-2-2)	-259	-.2	-34
PINE RIDGE JANE'S NIPPER 268586----------	6 daughters--	18	6,495	4.9	318
Born, 1-23-38; proved, 9-24-48;----; Iowa.	5 daughters--	14	6,261	4.8	303
Sire, 205677; dam, 404075.	5 dams-------	18	6,836	5.1	352
Herd Owner, William L. Hamblin, Mason City.	Difference---	(3-1-1)	-575	-.3	-49

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
POBLANOS FERN'S PRINCE 232398----------	6 daughters--	7	7,035	4.6	323
Born, 10-20-35; proved, 9-2-48;----; N. Mex.	5 daughters--	6	6,954	4.6	323
Sire, 104016; dam, 389787.	5 dams-------	16	9,465	4.3	405
Herd Owner, Los Poblanos Ranch, Albuquerque.	Difference---	(1-4-1)	-2,511	+.3	-82
PRINCE CHARMING OF SMITHDALE 326241----------	12 daughters-	16	8,481	4.7	401
Born, 4-29-41; proved, 9-7-48;----; Iowa.	6 daughters--	7	8,142	4.7	382
Sire, 243690; dam, 535459.	6 dams-------	13	7,624	4.7	361
Herd Owner, Mr. & Mrs. Melvin F. Latham, Humeston.	Difference---	(4-3-4)	+518	.0	+21
QUEEN'S PROMOTER OF S. B. 275869----------	6 daughters--	11	6,969	4.6	322
Born, 3-16-39; proved, 9-27-48;----; W. Va.	6 dams-------	16	7,733	4.2	327
Sire, 206528; dam, 454158.	Difference---	(3-4-4)	-764	+.4	-5
Herd Owner, Chester A. Helmick, Pinto, Md.					
RIEGELDALE EMORY'S FOREMOST 310207----------	11 daughters-	11	7,489	4.9	365
Born, 8-22-41; proved, 9-27-48; alive; Va.	8 daughters--	8	7,652	4.9	372
Sire, 254801; dam, 358352.	8 dams-------	21	6,984	5.0	346
Herd Owner, Samuel H. Bell, Dublin.	Difference---	(4-4-6)	+668	-.1	+26
ROBIN RUN IDA'S JOE LOTTA 312207----------	13 daughters-	20	6,742	5.2	352
Born, 8-9-40; proved, 9-21-48;----; Pa.	11 daughters-	18	6,813	5.3	358
Sire, 243958; dam, 305728.	11 dams------	64	9,386	5.0	468
Herd Owner, Russell E. Smith, Wycombe.	Difference---	(0-9-0)	-2,573	+.3	-110
ROSEBUD HERO'S REMINDER 316411----------	7 daughters--	7	10,600	4.3	459
Born, 1-16-42; proved, 9-27-48;----; Iowa.	6 daughters--	6	10,923	4.4	476
Sire, 235690; dam, 580935.	6 dams-------	14	8,214	4.8	390
Herd Owner, Alvin W. Hitz & Sons, Polk City.	Difference---	(6-1-5)	+2,709	-.4	+86
ROSEWOOD COUNTRY BOND 313431----------	10 daughters-	18	7,304	4.9	360
Born, 9-11-41; proved, 9-29-48;----; Ill.	9 daughters--	16	7,126	5.0	355
Sire, 270591; dam, 592060.	9 dams-------	23	7,827	5.0	393
Herd Owner, Rolling Acres, Elgin.	Difference---	(3-5-2)	-701	.0	-38
ST. JAMES DUKE'S BLUEBOY 313698----------	8 daughters--	9	7,238	5.0	361
Born, 12-7-41; proved, 9-27-48;----; Wis.	7 daughters--	8	7,445	5.0	370
Sire, 268403; dam, 422997.	7 dams-------	21	6,295	5.0	315
Herd Owner, Joe Cramer & Son, Menomonie.	Difference---	(5-4-5)	+1,150	.0	+55
ST. JAMES PHILOSOPHER'S IRMAN 296808----------	5 daughters--	7	7,987	4.9	395
Born, 10-14-40; proved, 9-7-48; dead; Iowa.	5 dams-------	13	7,533	4.9	372
Sire, 187794; dam, 422998.	Difference---	(3-2-3)	+454	.0	+23
Herd Owner, Arnold Pancratz, Jr., Dubuque.					
SAVAGE FARM REBEL 296239----------	27 daughters-	34	7,640	4.5	347
Born, 9-17-40; proved, 9-13-48;----; Va.	19 daughters-	22	8,135	4.5	365
Sire, 256098; dam, 374207.	19 dams------	30	8,257	4.6	377
Herd Owner, Philip W. Murray, Morrison.	Difference---	(9-10-7)	-122	-.1	-12
SENECA RIVER CUDDLES 319961----------	6 daughters--	8	6,188	5.4	336
Born, 9-4-41; proved, 9-22-48;----; N. Y.	6 dams-------	24	8,364	4.9	409
Sire, 238115; dam, 731599.	Difference---	(0-6-0)	-2,176	+.5	-73
Herd Owner, Harold F. Meaker, Memphis.					
SHANTITUCK DON'S DEWEY 313942----------	7 daughters--	8	7,121	4.6	328
Born, 10-3-41; proved, 9-30-48;----; Pa.	6 daughters--	7	6,928	4.6	317
Sire, 273578; dam, 536683.	6 dams-------	13	6,135	4.8	294
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(4-2-4)	+793	-.2	+23
SKYLINE HERCULES 311513----------	7 daughters--	10	9,183	5.3	487
Born, 3-10-41; proved, 9-29-48;----; Kans.	6 daughters--	9	9,593	5.2	496
Sire, 266512; dam, 480360.	6 dams-------	25	9,093	5.1	465
Herd Owner, Keith W. Van Horn, Sabetha.	Difference---	(5-3-5)	+500	+.1	+31
STERLING'S COLONEL 331999----------	10 daughters-	18	7,592	4.6	352
Born, 6-28-41; proved, 9-9-48;----; Pa.	10 dams------	27	8,621	4.4	380
Sire, 279850; dam, 668622.	Difference---	(3-7-3)	-1,029	+.2	-28
Herd Owner, Edgar Y. Engelman, Noxen.					
STONY BROOK FERDINAND 278354----------	7 daughters--	15	8,922	4.4	390
Born, 4-11-39; proved, 9-27-48;----; Pa.	6 daughters--	13	9,151	4.3	397
Sire, 218165; dam, 431741.	6 dams-------	28	9,463	3.7	352
Herd Owner, J. H. Wilson & Sons, Wampum.	Difference---	(2-5-6)	-312	+.6	+45
TARBELL FARMS ROYAL NONPAREIL 308710----------	9 daughters--	9	9,047	4.7	427
Born, 10-11-40; proved, 9-28-48;----; N. Y.	8 daughters--	8	9,080	4.7	427
Sire, 130308; dam, 382371.	8 dams-------	25	8,789	5.0	442
Herd Owner, Chester M. Gridley, Phelps.	Difference---	(4-1-3)	+291	-.3	-15
TAURUS OF PIONEER POINT 279280----------	8 daughters--	17	9,519	4.9	464
Born, 1-26-39; proved, 9-7-48; dead; Md.	5 daughters--	11	9,546	4.7	451
Sire, 206615; dam, 430369.	5 dams-------	11	9,061	4.6	418
Herd Owner, Walter P. Bloecher, Chestertown.	Difference---	(3-3-3)	+485	+.1	+33

[illegible]	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
TIANNA'S PEDRO 310810----------	7 daughters--	9	6,360	4.5	288
Born, 4-25-41; proved, 9-[illegible]	6 daughters--	8	6,544	4.5	298
Sire, 281753; dam, 331571.	[illegible] dams-------	12	5,949	4.9	291
Herd Owner, Rupert Grafing, [illegible]	Difference---	(4-2-4)	+595	-.4	+7
WELCOME-IN FORWARD'S CHENE 361187----------	7 daughters--	7	9,142	4.3	396
Born, 9-13-42; proved, 9-14-48;[illegible]	6 daughters--	6	9,032	4.3	388
Sire, 252898; dam, 446049.	6 dams-------	35	7,796	4.5	351
Herd Owner, E. A. Edelblute & Sons, Ostrander.	Difference---	(5-3-5)	+1,236	-.2	+37
WESTMORELAND MAXIM PRINCE 281441----------	5 daughters--	7	7,338	5.2	381
Born, 4-23-39; proved, 9-24-48;----; Pa.	5 dams-------	20	8,679	4.9	423
Sire, 215828; dam, 408669.	Difference---	(2-4-3)	-1,341	+.3	-42
Herd Owner, Westmoreland Homesteads, Norvelt.					
WOODACRES ROYAL CRUSADER 326960----------	8 daughters--	8	8,214	4.7	383
Born, 8-22-42; proved, 9-2-48;----; Wis.	8 dams-------	25	6,759	4.7	315
Sire, 214096; dam, 434305.	Difference---	(6-4-7)	+1,455	.0	+68
Herd Owner, Henry Schneider, Merrill.					
WOODSIDE MOSE 315036----------	10 daughters-	24	5,600	4.6	260
Born, 3-14-38; proved, 9-21-48; dead; Vt.	5 daughters--	12	4,954	5.0	249
Sire, 232842; dam, 365013.	5 dams-------	12	6,261	4.5	284
Herd Owner, Fortis H. Abbott, Burlington.	Difference---	(1-5-2)	-1,307	+.5	-35
23*AT20546 (BANGS OR TB EARTAG)----------	7 daughters--	14	7,272	5.0	365
Born, ----; proved, 9-13-48;----; Pa.	7 dams-------	19	8,090	4.7	378
Sire, ----; dam, ----.	Difference---	(0-5-2)	-818	+.3	-13
Herd Owner, The Misses Manchester, Avella.					
34-F7342 (DHIA EARTAG)----------	6 daughters--	7	6,319	4.0	255
Born, ----; proved, 9-16-48;----; Mich.	6 dams-------	17	7,467	4.1	303
Sire, ----; dam, ----.	Difference---	(1-3-1)	-1,148	-.1	-48
Herd Owner, Arvo Pallari, Bessemer.					

HOLSTEIN SIRES

ADMIRAL MERCER MOOIE 811609----------	13 daughters-	16	10,454	3.6	379
Born, 12-1-40; proved, 9-13-48;----; Wis.	11 daughters-	14	10,212	3.6	372
Sire, 747021; dam, 2030262.	11 dams------	53	10,412	3.6	374
Herd Owner, George M. Reis, Manitowoc.	Difference---	(5-6-6)	-200	.0	-2
ALANDAN FOBES ORMSBY 850616----------	10 daughters-	15	10,616	3.4	356
Born, 6-30-39; proved, 9-17-48;----; Conn.	8 daughters--	12	10,366	3.3	344
Sire, 779895; dam, 2316222.	8 dams-------	35	10,225	3.4	343
Herd Owner, Edwin F. Osborne, Gaylordsville.	Difference---	(4-4-4)	+141	-.1	+1
ALVERNO MIRANDA KOBO SEGIS 837847----------	7 daughters--	9	10,643	3.6	379
Born, 10-3-41; proved, 9-30-48;----; Wis.	7 dams-------	28	10,915	3.7	404
Sire, 778235; dam, 1981529.	Difference---	(2-3-2)	-272	-.1	-25
Herd Owner, Roy J. Schmidt, Two Rivers.					
ANOKASTAT BILL BOY MAN-O-WAR ORMSBY 786156----------	15 daughters-	17	13,128	3.5	462
Born, 7-10-39; proved, 9-29-48;----; Minn.	12 daughters-	14	12,730	3.5	448
Sire, 717835; dam, 1485326.	12 dams------	24	11,954	3.3	398
Herd Owner, Minnesota State Prison Farm, Stillwater.	Difference---	(5-11-7)	+776	+.2	+50
BAKER FARM JORDAN 785355----------	13 daughters-	13	11,233	3.7	417
Born, 7-22-39; proved, 9-28-48;----; Conn.	10 daughters-	10	11,341	3.7	421
Sire, 733981; dam, 1902152.	10 dams------	20	11,124	3.8	419
Herd Owner, Raymond C. Abbe, Hazardville.	Difference---	(6-4-4)	+217	-.1	+2
BEAUREGARD ROSNI NERO 804813----------	18 daughters-	29	10,494	3.6	377
Born, 11-25-39; proved, 9-23-48; dead; Va.	9 daughters--	12	11,467	3.6	410
Sire, 763606; dam, 1910441.	9 dams-------	29	11,016	3.6	399
Herd Owner, Beauregard Stock Farm, Brandy.	Difference---	(6-5-5)	+451	.0	+11
BELLEVUE AIDA BUCCANEER 738683----------	11 daughters-	24	12,009	3.5	417
Born, 10-25-36; proved, 9-29-48;----; Pa.	6 daughters--	10	11,998	3.5	415
Sire, 671407; dam, 1522377.	6 dams-------	12	11,742	3.4	396
Herd Owner, Alvin D. Carter, McDonald.	Difference---	(3-4-3)	+256	+.1	+19
BELLEVUE ORMSBY PONTIAC 846055----------	10 daughters-	11	11,120	3.8	420
Born, 6-30-41; proved, 9-21-48;----; N. J.	10 dams------	41	11,492	3.8	441
Sire, 780682; dam, 1550266.	Difference---	(5-6-5)	-372	.0	-21
Herd Owner, Peter P. Van Nuys, Bellemead.					
BERCOL SUPERIOR SEGIS 752105----------	7 daughters--	17	10,610	3.6	383
Born, 10-28-37; proved, 9-13-48; dead; Ky.	6 daughters--	13	10,089	3.7	372
Sire, 644451; dam, 1500396.	6 dams-------	21	13,942	3.6	496
Herd Owner, Berea College, Berea.	Difference---	(0-4-0)	-3,853	+.1	-124

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BONHEUR INKA LAD 741156----------	9 daughters--	23	12,010	3.4	412
Born, 12-11-36; proved, 9-29-48;----; N. Y.	8 daughters--	22	12,298	3.4	416
Sire, 669981; dam, 1759724.	8 dams-------	44	11,323	3.4	390
Herd Owner, Arthur Ivett & Sons, Forestville.	Difference---	(7-4-5)	+975	.0	+26
BONNIE BRAE IMPERIAL FAYNE 822307----------	7 daughters--	9	16,024	3.4	546
Born, 4-3-41; proved, 9-27-48;----; Idaho.	7 dams-------	12	11,035	3.2	350
Sire, 754870; dam, 1636120.	Difference---	(7-6-7)	+4,989	+.2	+196
Herd Owner, H. S. Pline, Nampa.					
BONNIE SKYLARK 837428----------	6 daughters--	9	11,465	3.4	391
Born, 12-18-38; proved, 9-30-48;----; Iowa.	6 dams-------	22	11,134	3.4	383
Sire, 684328; dam, 1861097.	Difference---	(4-3-3)	+331	.0	+8
Herd Owner, Enos H. Miller, Wellman.					
BORDER JOE KORA 739964----------	9 daughters--	17	9,912	3.4	333
Born, 11-27-36; proved, 9-30-48;----; Ariz.	6 daughters--	14	10,363	3.5	361
Sire, 719160; dam, 1004628.	6 dams-------	31	11,862	3.2	376
Herd Owner, U. S. Indian School, Phoenix.	Difference---	(1-4-1)	-1,499	+.3	-15
BURDOCKS ABBEKERK PETER 768889----------	9 daughters--	9	10,527	3.3	346
Born, 9-21-37; proved, 9-30-48;----; N. Y.	8 daughters--	8	10,324	3.3	343
Sire, 693760; dam, 1874811.	8 dams-------	25	10,877	3.4	375
Herd Owner, Stewart B. Whitman, Weedsport.	Difference---	(5-4-3)	-553	-.1	-32
CADET CASCADE DOUGLAS LASS 792284----------	8 daughters--	8	11,874	3.6	423
Born, 11-26-39; proved, 9-13-48;----; Ohio.	6 daughters--	6	12,202	3.6	435
Sire, 707234; dam, 1879174.	6 dams-------	10	10,461	3.7	388
Herd Owner, Boys' Industrial School, Lancaster.	Difference---	(3-1-4)	+1,741	-.1	+47
CARNATION HOMESTEAD INKA MODEL 786318----------	15 daughters-	20	9,473	3.6	337
Born, 11-21-39; proved, 9-27-48;----; Wis.	12 daughters-	16	9,652	3.6	347
Sire, 629472; dam, 1639659.	12 dams------	29	10,253	3.6	366
Herd Owner, A. W. Johnson & Everett M. Fuller, Burlington.	Difference---	(6-5-7)	-601	.0	-19
CASCADER PABST JOHANNA 823666----------	8 daughters--	10	12,311	3.6	439
Born, 4-12-41; proved, 9-30-48;----; Wis.	7 daughters--	9	12,296	3.6	446
Sire, 673465; dam, 1805180.	7 dams-------	24	11,832	3.6	429
Herd Owner, Nic Jacque, Port Washington.	Difference---	(5-4-5)	+464	.0	+17
CATTARCO ORMSBY ROYAL 840269----------	8 daughters--	10	9,466	3.5	334
Born, 1-31-41; proved, 9-13-48;----; N. Y.	7 daughters--	9	9,370	3.5	327
Sire, 752181; dam, 1874191.	7 dams-------	36	10,362	3.6	371
Herd Owner, Cattaraugus Co. Welfare Dept. Farm, Machias.	Difference---	(1-3-1)	-992	-.1	-44
CEYDERMEAD PRIDE ENSIGN 833180----------	8 daughters--	9	9,156	3.6	329
Born, 10-10-41; proved, 9-13-48; dead; N. Y.	8 dams-------	18	8,175	3.7	299
Sire, 762986; dam, 2112358.	Difference---	(6-3-6)	+981	-.1	+30
Herd Owner, Clarence House, Avon.					
CHARTER OAK SIR ORMSBY ONDINE 746916----------	8 daughters--	15	9,894	3.5	346
Born, 11-1-37; proved, 9-29-48;----; Conn.	7 daughters--	13	9,890	3.5	346
Sire, 713055; dam, 1726646.	7 dams-------	20	9,158	3.4	310
Herd Owner, Arthur A. Platt, Bethlehem.	Difference---	(6-6-6)	+732	+.1	+36
CHERRYBOLD BONNY ORMSBY FOBES 776440----------	12 daughters-	12	7,296	3.6	263
Born, 2-21-39; proved, 9-9-48;----; Wis.	6 daughters--	6	6,737	3.6	240
Sire, 737642; dam, 1766062.	6 dams-------	11	8,052	3.8	304
Herd Owner, Alfred Haltinner, Hilbert.	Difference---	(1-2-2)	-1,315	-.2	-64
CHESTERSONS BUG FASHION 776270----------	13 daughters-	19	13,064	3.4	445
Born, 10-15-38;proved, 9-29-48;----; Iowa.	8 daughters--	13	13,750	3.5	481
Sire, 716452; dam, 1661809.	8 dams-------	27	12,307	3.4	417
Herd Owner, W. T. Smith & Son, Dallas Center.	Difference---	(6-4-6)	+1,443	+.1	+64
CHIEFTAIN BURKE COLANTHA 833444----------	7 daughters--	8	9,545	3.5	338
Born, 9-23-40; proved, 9-30-48;----; N. Y.	5 daughters--	5	10,060	3.5	352
Sire, 695644; dam, 1925842.	5 dams-------	13	10,408	3.8	397
Herd Owner, Raymond E. Davis, Morrisville.	Difference---	(3-2-1)	-348	-.3	-45
CLARINDA ORMSBY ARALINE MATADOR 814690----------	7 daughters--	10	10,455	3.3	344
Born, 12-9-40; proved, 9-27-48;----; Iowa.	7 dams-------	25	11,542	3.2	372
Sire, 746660; dam, 1491322.	Difference---	(3-6-3)	-1,087	+.1	-28
Herd Owner, Clarinda State Hospital, Clarinda.					
CLOVERLANDS INKA COUNT 838459----------	10 daughters-	11	13,270	3.4	445
Born. 4-1-41; proved, 9-27-48; dead; N. Y.	6 daughters--	6	13,741	3.3	458
Sire, 695538; dam, 1809757.	6 dams-------	11	10,270	3.3	342
Herd Owner, O. H. Johnson & Sons, Ticonderoga.	Difference---	(6-5-5)	+3,471	.0	+116
CLOVER LAWN GENE SIR PRINCESS 834082----------	12 daughters-	13	10,496	3.5	372
Born, 10-1-41; proved, 9-16-48;----; Wis.	11 daughters-	12	10,578	3.6	376
Sire, 789617; dam, 1926132.	11 dams------	18	9,674	3.8	366
Herd Owner, Schroeder Dairy, West Bend.	Difference---	(6-2-7)	+904	-.2	+10

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CLOVER LAWN RAG APPLE BESS[illegible]	12 daughters-	13	12,075	3.8	456
Born, 4-11-38; proved, 9-[illegible]; [illegible]	12 dams------	41	11,670	3.6	422
Sire, 757566; dam, 183777[illegible].	Difference---	(6-8-8)	+405	+.2	+34
Herd Owner, William F. Pohlman, [illegible]					
CLOVER LAWN SIR LILITH POSCH 841[illegible]	6 daughters--	6	13,281	3.7	490
Born, 1-9-42; proved, 9-21-48;----; Wis.	5 daughters--	5	13,466	3.6	488
Sire, 798605; dam, 2151338.	5 dams-------	11	10,525	3.8	403
Herd Owner, Hugo O. Moths & Sons, [illegible]	Difference---	(4-2-4)	+2,941	-.2	+85
CLYDE HILL HENGERVELD BESS BURKE 785643	13 daughters-	14	11,348	3.5	400
Born, 1-9-39; proved, 9-30-48;----; Wis.	10 daughters-	11	11,207	3.5	394
Sire, 664525; dam, 1805191.	10 dams------	10	12,192	3.6	437
Herd Owner, O'Leary Brothers, East Troy.	Difference---	(1-6-1)	-985	-.1	-43
COFFEYDALE SIR PAUL SUNLIGHT 830702	12 daughters-	15	13,112	3.3	432
Born, 10-3-40; proved, 9-7-48;----; Mich.	12 dams------	33	12,937	3.4	445
Sire, 769915; dam, 1567883.	Difference---	(5-4-5)	+175	-.1	-13
Herd Owner, August Ruttman & Son, Fowlerville.					
CORNELL BLEND MASTER 792345	9 daughters--	12	11,450	3.8	432
Born, 10-5-39; proved, 9-13-48; dead; N. Y.	9 dams-------	27	11,856	3.6	432
Sire, 722643; dam, 1974004.	Difference---	(5-8-5)	-406	+.2	0
Herd Owner, J. & C. Gordon, Lawyersville.					
CORNELL BOAST ORMSBY PLEDGE 749509	5 daughters--	8	11,520	3.6	414
Born, 10-15-37; proved, 9-27-48;----; Pa.	5 dams-------	17	10,699	3.4	361
Sire, 714240; dam, 1459312.	Difference---	(3-4-3)	+821	+.2	+53
Herd Owner, Clifford Wentzler, Muncy.					
CORNUCOPIA ACE DE KOL 834366	9 daughters--	11	11,499	3.3	383
Born, 2-27-40; proved, 9-27-48;----; N. Y.	8 daughters--	10	11,648	3.3	388
Sire, 762390; dam, 1731908.	8 dams-------	27	10,294	3.2	330
Herd Owner, William Lehning & Sons, Boston.	Difference---	(6-6-6)	+1,354	+.1	+58
CRESCENT BEAUTY COMMODORE 840209	12 daughters-	19	13,653	3.6	495
Born, 10-25-40; proved, 9-27-48;----; Wis.	10 daughters-	13	13,196	3.6	477
Sire, 782880; dam, 1833476.	10 dams------	59	13,018	3.7	479
Herd Owner, Harold W. Draeger, Ft. Atkinson.	Difference---	(6-6-5)	+178	-.1	-2
CRESTON ONA ORMSBY CREAMELLE 786474	12 daughters-	15	9,929	3.4	336
Born, 9-19-39; proved, 9-30-48;----; Mich.	10 daughters-	13	9,785	3.3	325
Sire, 760321; dam, 1635015.	10 dams------	32	9,181	3.3	304
Herd Owner, Dr. Fred Currier, Yale.	Difference---	(5-4-6)	+604	.0	+21
CROWNHURST SEGIS PERFECTION 837231	7 daughters--	8	13,704	3.6	493
Born, 7-25-41; proved, 9-17-48; alive; N. Y.	6 daughters--	6	14,250	3.6	517
Sire, 719432; dam, 1844695.	6 dams-------	20	12,633	3.5	441
Herd Owner, Wooster Fruit & Dairy Farm, Inc.,Union Hill.	Difference---	(4-4-6)	+1,617	+.1	+76
DEAN OLLIE PIEBE WATSON 855966	12 daughters-	17	10,724	3.7	399
Born, 11-8-38; proved, 9-27-48;----; Ill.	5 daughters--	7	10,864	3.8	410
Sire, 697174; dam, 1729999.	5 dams-------	18	10,752	3.6	390
Herd Owner, Ferd Vahling, Teutopolis.	Difference---	(4-4-3)	+112	+.2	+20
DE KOL DEAN 836841	6 daughters--	9	14,745	3.4	506
Born, 12-1-41; proved, 9-8-48; dead; Iowa.	6 dams-------	23	14,616	3.4	503
Sire, 772738; dam, 1899425.	Difference---	(4-3-3)	+129	.0	+3
Herd Owner, C. J. Decker & Son, Westgate.					
DICKMONT POSCH ORMSBY CAVALIER 833479	9 daughters--	11	11,240	3.5	399
Born, 10-2-41; proved, 9-30-48;----; N. J.	8 daughters--	10	11,154	3.5	396
Sire, 776372; dam, 2034949.	8 dams-------	27	11,371	3.5	395
Herd Owner, Mrs. A. L. Dickinson, Salem.	Difference---	(3-7-4)	-217	.0	+1
DOUGLAS CECIL HARK 822664	8 daughters--	11	12,980	3.3	424
Born, 8-20-40; proved, 9-30-48;----; Wis.	8 dams-------	20	12,082	3.4	412
Sire, 734760; dam, 1661941.	Difference---	(6-3-6)	+898	-.1	+12
Herd Owner, Rahberger Brothers, Monroe.					
DUNLOGGIN CONFIDENT LIEENMAN (TWIN) 825579	11 daughters-	15	13,983	3.5	483
Born, 5-21-41; proved, 9-27-48;----; Pa.	9 daughters--	13	14,052	3.5	489
Sire, 703318; dam, 1839524.	9 dams-------	35	13,182	3.3	440
Herd Owner, Milton C. Satterthwaite, Woodside.	Difference---	(5-6-5)	+870	+.2	+49
DUNLOGGIN MASTER DE PABST 849966	11 daughters-	15	12,261	3.9	479
Born, 4-3-42; proved, 9-30-48;----; Kans.	10 daughters-	14	12,177	4.0	481
Sire, 667915; dam, 1620341.	10 dams------	31	10,798	3.9	419
Herd Owner, R. C. Beezley, Girard.	Difference---	(9-5-8)	+1,379	+.1	+62
ELMVIEW KING BANOSTINE 780204	7 daughters--	13	7,975	3.3	263
Born, 3-13-36; proved, 9-30-48;----; N. Y.	6 daughters--	11	7,987	3.3	263
Sire, [illegible]46 CHB; dam, 185592 CHB.	6 dams-------	19	9,603	3.1	299
Herd Owner, Edwin G. Sykes, Canton.	Difference---	(2-5-2)	-1,616	+.2	-36

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FARFIELDS GOVERNOR FORES PRIDE 846994----------	8 daughters--	11	13,596	3.1	425
Born, 2-11-42; proved, 9-30-48;----; Mich.	7 daughters--	10	13,721	3.1	427
Sire, 704742; dam, 1773321.	7 dams-------	8	13,354	3.3	435
Herd Owner, Gornsey & Wade, Jasper.	Difference---	(3-3-2)	+367	-.2	-8
FARM SCHOOL DELLA LAD 824566----------	11 daughters-	12	12,748	3.3	420
Born, 4-18-41; proved, 9-30-48;----; N. J.	9 daughters--	10	12,928	3.3	423
Sire, 694179; dam, 1918669.	9 dams-------	14	11,827	3.4	401
Herd Owner, Clarence McConachy, Blairstown.	Difference---	(7-4-8)	+1,101	-.1	+22
FEMCO HOMESTEAD PRIDE JEWEL 780857----------	5 daughters--	7	9,148	2.8	259
Born, 2-26-39; proved, 9-16-48; dead; Minn.	5 dams-------	16	10,047	3.0	306
Sire, 645980; dam, 1769068.	Difference---	(1-1-1)	-899	-.2	-47
Herd Owner, R. W. Butterfield, Elmore.					
FEMCO SIR BESSIE RAMONA 790428----------	13 daughters-	15	13,381	3.3	436
Born, 12-4-39; proved, 9-7-48;----; Iowa.	5 daughters--	5	13,744	3.3	458
Sire, 629473; dam, 1818648.	5 dams-------	10	9,285	3.6	332
Herd Owner, Orlando J. Bye, Emmons, Minn.	Difference---	(5-2-5)	+4,459	-.3	+126
FINEVIEW LOUIE CHIEFTAIN 824683----------	8 daughters--	13	10,710	3.4	369
Born, 11-26-40; proved, 9-29-48; dead; N. Y.	8 dams-------	14	9,645	3.3	322
Sire, 734796; dam, 1931726.	Difference---	(6-5-7)	+1,065	+.1	+47
Herd Owner, Bernard L. Rodee, Canton.					
FITZALL MENDOTA PROGRESSOR OLLIE 746353----------	12 daughters-	17	10,027	3.4	338
Born, 2-20-37; proved, 9-2-48;----; Wis.	6 daughters--	11	10,401	3.4	350
Sire, 708526; dam, 1336806.	6 dams-------	11	9,097	3.5	316
Herd Owner, John Gevelinger, Mineral Point.	Difference---	(3-2-3)	+1,304	-.1	+34
FORSGATE CARNATION PRIDE 845479----------	7 daughters--	7	12,235	3.5	430
Born, 12-31-41; proved, 9-13-48;----; N. J.	7 dams-------	24	13,985	3.2	450
Sire, 771579; dam, 1833994.	Difference---	(1-7-2)	-1,750	+.3	-20
Herd Owner, Joseph Link, Sussex.					
FRAN LO PIEBE ORMSBY 840883----------	8 daughters--	10	13,724	3.4	468
Born, 9-21-41; proved, 9-23-48;----; Wis.	7 daughters--	8	14,017	3.4	480
Sire, 775264; dam, 1993990.	7 dams-------	18	13,308	3.4	447
Herd Owner, Robert L. Ray & Son, Eau Claire.	Difference---	(5-5-5)	+709	.0	+33
FRAN LO PIEBE TOITILLA 834482----------	10 daughters-	13	10,041	3.7	374
Born, 7-14-41; proved, 9-2-48;----; Minn.	8 daughters--	11	9,967	3.7	373
Sire, 800848; dam, 2146410.	8 dams-------	25	12,680	3.4	430
Herd Owner, Hugo Albrecht, New Ulm.	Difference---	(2-7-2)	-2,713	+.3	-57
FRAN LO PROSPECT 834488----------	8 daughters--	11	13,269	3.6	479
Born, 10-26-41; proved, 9-16-48;----; Wis.	7 daughters--	10	13,130	3.7	482
Sire, 763134; dam, 2147479	7 dams-------	33	10,829	3.6	387
Herd Owner, Schultz Brothers, Menomonie.	Difference---	(6-4-6)	+2,301	+.1	+95
GATESIDE PIEBE INKA 844821----------	8 daughters--	12	7,310	3.6	260
Born, 11-1-41; proved, 9-13-48;----; N. Y.	8 dams-------	23	8,069	3.4	276
Sire, 794923; dam, 1942390.	Difference---	(2-7-2)	-759	+.2	-16
Herd Owner, Mrs. Mary Ellsworth, Unadilla Forks.					
GENERAL PRIDE TRANSMITTER 786578----------	8 daughters--	9	10,731	3.7	399
Born, 3-6-39; proved, 9-30-48;----; Iowa.	7 daughters--	7	10,764	3.7	399
Sire, 754520; dam, 1958997.	7 dams-------	17	10,146	3.7	371
Herd Owner, Schwartzhoff-German-Symond, Spring Grove, Minn.	Difference---	(3-4-3)	+618	.0	+28
GENODALE EXTREME 841276----------	8 daughters--	8	12,096	3.4	415
Born, 11-18-41; proved, 9-24-48; alive; N. Y.	7 daughters--	7	12,490	3.4	419
Sire, 746743; dam, 1802315.	7 dams-------	35	11,326	3.3	375
Herd Owner, Butzer Brothers, Collins.	Difference---	(5-4-6)	+1,164	+.1	+44
GENODALE ORMS JASPER (TWIN) 824836----------	12 daughters-	16	11,107	3.4	374
Born, 12-11-40; proved, 9-30-48;----; N. Y.	5 daughters--	5	10,212	3.4	349
Sire, 748807; dam, 1909306.	5 dams-------	9	12,523	3.4	431
Herd Owner, Elwin A. Tarbell, North Bangor.	Difference---	(2-1-2)	-2,311	.0	-82
GIRTS DON INKA COLANTHA 975948----------	10 daughters-	12	7,815	3.7	292
Born, 9-25-40; proved, 9-27-48;----; N. Y.	7 daughters--	9	7,857	3.6	283
Sire, 717507; dam, 2111062.	7 dams-------	16	9,927	3.5	344
Herd Owner, Fred L. Goldberg, North Clymer.	Difference---	(1-6-1)	-2,070	+.1	-61
GIRTWOOD WALKER PRIDE 846968----------	6 daughters--	6	11,481	3.5	402
Born, 4-17-42; proved, 9-8-48; dead; N. Y.	6 dams-------	15	13,807	3.4	471
Sire, 763202; dam, 2182871.	Difference---	(1-4-1)	-2,326	+.1	-69
Herd Owner, Clifford Hunt & Son, Jasper.					
GRAY VIEW CALMO RAG APPLE 761411----------	5 daughters--	8	12,775	3.5	446
Born, 9-2-37; proved, 9-28-48;----; Wis.	5 dams-------	14	11,511	3.5	405
Sire, 697414; dam, 1611408.	Difference---	(3-2-4)	+1,264	.0	+41
Herd Owner, Fred P. Rudy, Kenosha.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GREENWOOD CHAMPION 836261----------	10 daughters-	10	13,601	3.3	447
Born, 6-9-41; proved, 9-29-48;----; N. J.	8 daughters--	8	13,930	3.3	461
Sire, 769435; dam, 1190492.	8 dams-------	18	9,925	3.3	328
Herd Owner, Trenton State Hospital, Trenton.	Difference---	(8-4-8)	+4,005	.0	+133
GREENWOOD DEAN NIMROD 866139----------	6 daughters--	6	10,274	3.7	381
Born, 5-30-42; proved, 9-13-48;----; N. J.	5 daughters--	5	10,678	3.7	400
Sire, 769435; dam, 1961065.	5 dams-------	13	11,947	3.6	425
Used in Burlington A. B. A.	Difference---	(3-4-3)	-1,269	+.1	-25
GREYROCK CHIEFTAIN 840727----------	9 daughters--	[illegible]	11,751	3.9	455
Born, 9-14-41; proved, 9-23-48; dead; N. Y.	9 dams-------	[illegible]	12,237	3.7	455
Sire, 562634; dam, 2076886.	Difference---	(4-6-6)	-486	+.2	0
Herd Owner, C. E. & R. H. Fisher, Cazenovia.					
HAMER MONTVIC CHIEFTAIN PIETERTJE 864196----------	5 daughters--	5	11,561	3.5	410
Born, 8-10-41; proved, 9-27-48;----; Iowa.	5 dams-------	10	11,265	3.6	403
Sire, 749574; dam, 2084322.	Difference---	(3-3-2)	+296	-.1	+7
Herd Owner, Elmer E. Blough, Waterloo.					
HAWKEYE PRINCE MAN-O-WAR 848454----------	9 daughters--	10	13,872	3.5	487
Born, 8-16-40; proved, 9-14-48;----; Iowa.	5 daughters--	5	14,121	3.5	495
Sire, 766652; dam, 2007727.	5 dams-------	14	14,862	3.4	508
Herd Owner, Irvin Frost, Spirit Lake.	Difference---	(1-3-1)	-741	+.1	-13
HENGERVELD JACK ORMSBY CREAMELLE 835910----------	10 daughters-	12	13,226	3.5	465
Born, 7-6-41; proved, 9-16-48;----; Pa.	9 daughters--	10	13,028	3.6	463
Sire, 779125; dam, 1575262.	9 dams-------	48	12,877	3.6	465
Herd Owner, Emory Cletus Sollenberger, Williamsburg.	Difference---	(5-5-5)	+151	.0	-2
HENGERVELD PONTIAC ANCHOR 845244----------	15 daughters-	17	13,016	3.2	419
Born, 3-5-41; proved, 9-23-48;----; Pa.	15 dams------	63	11,035	3.5	390
Sire, 683840; dam, 1489044.	Difference---	(14-4-13)	+1,981	-.3	+29
Herd Owner, Woodville State Hospital, Woodville.					
HERB ORMSBY OLLIE 781266----------	10 daughters-	17	11,259	3.4	381
Born, 9-21-38; proved, 9-3-48;----; Wis.	10 dams------	41	10,282	3.5	357
Sire, 690003; dam, 1804091.	Difference---	(7-6-4)	+977	-.1	+24
Herd Owner, Arthur Schnyder, Omro.					
HERSHEY INKA ORMSBY 824659----------	9 daughters--	11	10,509	3.2	341
Born, 4-15-41; proved, 9-30-48;----; Pa.	7 daughters--	9	11,030	3.2	358
Sire, 677099; dam, 1695212.	7 dams-------	11	11,992	3.4	404
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-1-2)	-962	-.2	-46
HERSHEY JOE INKA 791975----------	8 daughters--	9	10,737	3.5	372
Born, 3-13-40; proved, 9-9-48;----; Pa.	5 daughters--	6	11,228	3.6	400
Sire, 575204; dam, 2032972.	5 dams-------	5	10,028	3.3	332
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(4-5-4)	+1,200	+.3	+68
HET LOO DENVER ONYX 838700----------	6 daughters--	7	13,095	3.3	435
Born, 11-14-41; proved, 9-8-48;----; N. Y.	5 daughters--	6	13,103	3.3	434
Sire, 517673; dam, 2007776.	5 dams-------	17	10,447	3.4	358
Herd Owner, Het Loo Farm, Kinderhook.	Difference---	(5-2-5)	+2,656	-.1	+76
HILLVIEW COLANTHA CASCADE 834203----------	10 daughters-	12	7,702	3.6	275
Born, 2-25-41; proved, 9-16-48;----; N. Y.	5 daughters--	6	6,711	3.7	247
Sire, 758216; dam, 1994399.	5 dams-------	5	7,658	3.6	275
Herd Owner, Clarence Edwards, Houghton.	Difference---	(2-3-1)	-947	+.1	-28
HITLER PIEBE JEWEL 786662----------	8 daughters--	17	9,549	3.5	333
Born, 2-3-36; proved, 9-27-48;----; Wis.	6 daughters--	13	9,959	3.4	335
Sire, 696993; dam, 1732042.	6 dams-------	16	10,709	3.2	342
Herd Owner, M. C. Kolinski, Waterford.	Difference---	(1-6-1)	-750	+.2	-7
HOPE VIEW FOBES ASPIRANT 4TH (TWIN) 848014----------	6 daughters--	9	15,144	3.3	503
Born, 1-4-42; proved, 9-8-48; dead; Iowa.	6 dams-------	26	12,385	3.6	448
Sire, 811852; dam, 1919656.	Difference---	(6-0-4)	+2,759	-.3	+55
Herd Owner, Arnold Heitshusen, South Amana.					
HOPE VIEW FOBES EMPEROR 823542----------	10 daughters-	11	12,192	3.4	420
Born, 12-31-40; proved, 9-30-48;----; Minn.	9 daughters--	10	12,044	3.5	416
Sire, 801022; dam, 2054586.	9 dams-------	34	13,366	3.6	478
Herd Owner, Harry Wolter, Fairmont.	Difference---	(3-4-3)	-1,322	-.1	-62
HUFF JOHANNA WAYNE 837450----------	12 daughters-	14	11,806	3.6	426
Born, 1-23-42; proved, 9-17-48; alive; N. Y.	12 dams------	49	11,775	3.5	418
Sire, 743032; dam, 2103407.	Difference---	(7-7-6)	+31	+.1	+8
Herd Owner, Clark & George H. Ames, De Peyster.					
HUMBERCREST PIETJE RE-ECHO 838554----------	11 daughters-	11	11,879	3.9	467
Born, 3-18-41; proved, 9-9-48; dead; N. Y.	9 daughters--	9	12,038	3.9	468
Sire, 109489 CHB; dam, 369488 CHB.	9 dams-------	15	12,050	3.5	416
Herd Owner, Loren Clark, Pennellville.	Difference---	(4-8-8)	-12	+.4	+52

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
IMPERIAL CARNATION FLOREN 848505----------	8 daughters--	8	11,940	3.6	429
Born, 2-4-42; proved, 9-8-48;----; N. Y.	7 daughters--	7	12,760	3.6	456
Sire, 754870; dam, 2123306.	7 dams-------	14	10,538	3.4	363
Herd Owner, Frank Niles & Son, Smyrna.	Difference---	(3-6-4)	+2,222	+.2	+93
ISA INKA ORMSBY LAD 845414----------	7 daughters--	7	10,939	3.5	383
Born, 6-24-39; proved, 9-13-48;----; N. H.	6 daughters--	6	11,378	3.5	398
Sire, 725678; dam, 1427554.	6 dams-------	23	13,042	3.7	484
Herd Owner, Roe McDanolds, North Haverhill.	Difference---	(1-2-1)	-1,664	-.2	-86
JENNITON ORMSBY OLLIE 786277----------	17 daughters-	33	9,858	3.6	353
Born, 2-11-39; proved, 9-29-48;----; Wis.	6 daughters--	8	10,560	3.6	384
Sire, 708526; dam, 1904768.	6 dams-------	9	8,913	3.5	315
Herd Owner, Ben T. Webster, Dodgeville.	Difference---	(5-4-5)	+1,647	+.1	+69
JOE ORMSBY HOMESTEAD WAYNE 843275----------	5 daughters--	8	9,594	3.4	329
Born, 2-3-42; proved, 9-13-48;----; Pa.	5 dams-------	9	9,450	3.3	314
Sire, 797563; dam, 1946950.	Difference---	(2-3-3)	+144	+.1	+15
Herd Owner, Ronald W. Messenger, Titusville.					
JOHANNA MONTVIC MARVEL 792609----------	6 daughters--	12	11,213	3.6	399
Born, 1-24-39; proved, 9-30-48;----; Wis.	6 dams-------	8	11,555	3.4	389
Sire, 723329; dam, 1762546.	Difference---	(3-5-3)	-342	+.2	+10
Herd Owner, Mrs. Emma Bartelt, Juneau.					
JONABELL REX 755555----------	7 daughters--	13	13,795	3.4	468
Born, 3-25-38; proved, 9-2-48;----; Pa.	7 dams-------	34	13,469	3.4	461
Sire, 720881; dam, 1522375.	Difference---	(4-5-4)	+326	.0	+7
Herd Owner, J. H. Wilson & Sons, Clinton.					
KANOWA ROYAL POSCH MAN-O-WAR 786160----------	12 daughters-	23	11,135	3.4	374
Born, 3-17-39; proved, 9-7-48; dead; Calif.	9 daughters--	19	11,329	3.3	379
Sire, 619004; dam, 1684431.	9 dams-------	14	12,040	3.6	434
Herd Owner, Patterson Ranch Co., Patterson.	Difference---	(4-2-3)	-711	-.3	-55
KING ABBEKERK SPECK BESS (TWIN) 745072----------	7 daughters--	9	11,251	3.4	380
Born, 7-10-36; proved, 9-30-48;----; Ill.	5 daughters--	6	11,367	3.4	386
Sire, 695573; dam, 1339224.	5 dams-------	18	11,373	3.3	372
Herd Owner, Rudolph Kraft, Dwight.	Difference---	(2-2-2)	-6	+.1	+14
KING BESSIE DUTCHLAND 848287----------	7 daughters--	9	12,178	3.5	424
Born, 5-28-42; proved, 9-8-48; dead; N. Y.	7 dams-------	11	11,186	3.6	400
Sire, 794349; dam, 2309315.	Difference---	(6-3-6)	+992	-.1	+24
Herd Owner, William Siebert, Evans Mills.					
KING BESSIE GREENWOOD 706228----------	7 daughters--	10	11,255	3.6	402
Born, 10-25-37; proved, 9-28-48;----; Iowa.	5 daughters--	7	11,568	3.6	418
Sire, 706228; dam, 1675079.	5 dams-------	10	12,156	3.6	439
Herd Owner, Maurice Bilsborough, Titonka.	Difference---	(3-2-2)	-588	.0	-21
KING BESSIE JEWEL BALLACK 864806----------	5 daughters--	6	13,312	3.5	468
Born, 10-30-41; proved, 9-8-48;----; Wis.	5 dams-------	19	13,103	3.4	442
Sire, 739076; dam, 1699225.	Difference---	(2-3-3)	+209	+.1	+26
Herd Owner, Clarence Gosmire, Union Grove.					
KING BESSIE SUPREME DE KOL 840472----------	13 daughters-	16	10,563	3.3	350
Born, 8-7-41; proved, 9-24-48;----; Wis.	10 daughters-	11	10,146	3.3	338
Sire, 763858; dam, 1864266.	10 dams------	42	12,864	3.3	424
Herd Owner, Carl Taylor, Waukesha.	Difference---	(2-5-2)	-2,718	.0	-86
KING BESSIE TENSEN GYPSIE 53D 842559----------	12 daughters-	13	11,535	3.7	431
Born, 9-23-41; proved, 9-9-48;----; Minn.	11 daughters-	12	11,575	3.7	432
Sire, 742590; dam, 1808122.	11 dams------	26	11,020	3.6	401
Herd Owner, Earl Eichler, Foley.	Difference---	(7-6-7)	+555	+.1	+31
KING BUTTER LILY 842440----------	6 daughters--	8	10,521	3.2	338
Born, 12-16-40; proved, 9-29-48;----; Wis.	5 daughters--	7	11,007	3.2	353
Sire, 719344; dam, 2096514.	5 dams-------	12	10,697	3.4	368
Herd Owner, Pipping & Krug, Calvary.	Difference---	(3-0-3)	+310	-.2	-15
KING NORMA CREATOR SEGIS 836988----------	7 daughters--	7	11,697	3.5	414
Born, 9-13-41; proved, 9-9-48;----; Kans.	7 dams-------	19	10,673	3.6	389
Sire, 772013; dam, 2009737.	Difference---	(5-4-4)	+1,024	-.1	+25
Herd Owner, Smithhisler Brothers, Danville.					
KING OLLIE STAR 842176----------	9 daughters--	11	14,221	3.5	500
Born, 7-1-41; proved, 9-21-48; dead; Wis.	9 dams-------	27	12,935	3.5	451
Sire, 776807; dam, 1866956.	Difference---	(8-6-8)	+1,286	.0	+49
Herd Owner, Stauffacher Brothers, Monroe.					
KING ORMSBY LUCY FOBES 761374----------	10 daughters-	17	9,857	3.4	335
Born, 5-7-37; proved, 9-16-48;----; Mo.	9 daughters--	16	10,054	3.4	343
Sire, 580575; dam, 1589682.	9 dams-------	23	9,325	3.5	324
Herd Owner, Thomas Brown, La Grange.	Difference---	(5-5-4)	+729	-.1	+19

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING PIETERTJE ANCHOR 750609----------	13 daughters-	29	9,965	3.7	365
Born, 12-20-37; proved, 9-3-48;----; Mich.	5 daughters--	9	10,192	3.7	373
Sire, 691648; dam, 1387346.	5 dams-------	10	9,210	3.5	321
Herd Owner, Donald Dale, Marlette.	Difference---	(4-4-4)	+982	+.2	+52
KING PRIDE JOHANNA POSCH 846660----------	7 daughters--	10	12,500	3.4	426
Born, 1-24-42; proved, 9-3-48;----; Wis.	5 daughters--	7	12,498	3.4	427
Sire, 762097; dam, 2070833.	5 dams-------	21	11,879	3.5	412
Herd Owner, Herman Schnell & Son, Manitowoc.	Difference---	(3-2-4)	+619	-.1	+15
KING VEVIE KOLANTHA 774869----------	12 daughters-	15	13,571	3.4	460
Born, 5-16-37; proved, 9-28-48;----; Wis.	8 daughters--	9	13,484	3.5	470
Sire, 610009; dam, 1826169.	8 dams-------	28	13,565	3.6	483
Herd Owner, Bonny Oak Farm, Bristol.	Difference---	(4-2-3)	-81	-.1	-13
KORNDYKE PEERLESS ENSIGN 780581----------	7 daughters--	11	10,289	3.6	367
Born, 4-7-39; proved, 9-29-48;----; Iowa.	5 daughters--	5	10,375	3.5	366
Sire, 698479; dam, 1608110.	5 dams-------	17	10,710	3.4	362
Herd Owner, John H. Goode & Sons, Albia.	Difference---	(2-4-2)	-335	+.1	+4
LAUXMASTER 820083----------	31 daughters-	34	10,841	3.6	393
Born, 2-13-41; proved, 9-30-48;----; Pa.	23 daughters-	24	10,421	3.6	378
Sire, 703318; dam, 1740767.	23 dams------	63	10,997	3.6	399
Herd Owner, John S. Murphy, Woodbine.	Difference---	(10-12-8)	-576	.0	-21
LAUXMONT SAFEMASTER CHAMP 825905----------	9 daughters--	14	11,405	3.5	399
Born, 4-10-41; proved, 9-30-48;----; Pa.	7 daughters--	11	10,476	3.5	367
Sire, 751642; dam, 1181367.	7 dams-------	21	10,406	3.6	374
Used in Southeastern Pa. Co-op. A. B. A.	Difference---	(3-3-4)	+70	-.1	-7
LEET PIETERTJE BURKE 833853----------	9 daughters--	13	10,385	3.2	336
Born, 9-29-41; proved, 9-27-48;----; Pa.	8 daughters--	12	10,544	3.2	342
Sire, 771427; dam, 1954437.	8 dams-------	45	11,133	3.3	369
Herd Owner, R. H. Leet & Sons, Starrucca.	Difference---	(4-2-4)	-589	-.1	-27
LEMEN ORMSBY VANISH 847409----------	9 daughters--	17	10,297	3.5	363
Born, 5-26-40; proved, 9-23-48;----; Ill.	7 daughters--	14	10,430	3.5	362
Sire, 766647; dam, 1963578.	7 dams-------	21	9,542	3.4	326
Herd Owner, David Kurz, Waterloo.	Difference---	(6-5-7)	+888	+.1	+36
LENHAHA KING BESSIE IRMA 850432----------	7 daughters--	10	9,918	3.4	342
Born, 2-24-41; proved, 9-13-48;----; Iowa.	7 dams-------	22	10,534	3.6	375
Sire, 708578; dam, 1815640.	Difference---	(2-3-1)	-616	-.2	-33
Herd Owner, Kenneth J. Kerr & Family, Postville.					
LENTH DEAN TIDY ORMSBY 772739----------	6 daughters--	9	9,349	3.3	304
Born, 11-8-38; proved, 9-29-48;----; Wis.	6 dams-------	11	10,057	3.4	338
Sire, 541114; dam, 1589381.	Difference---	(3-1-1)	-708	-.1	-34
Herd Owner, Ahrens Brothers, Prairie du Chien.					
LIBERTY HILL CARNATION CORPORAL 841523----------	10 daughters-	13	11,246	3.6	400
Born, 11-4-41; proved, 9-30-48;----; N. Y.	6 daughters--	7	12,111	3.5	424
Sire, 739007; dam, 1855529.	6 dams-------	15	13,411	3.4	455
Herd Owner, D. Schuyler Crosby, Sprakers.	Difference---	(1-5-1)	-1,300	+.1	-31
LONE ELM INKA LAD 842997----------	6 daughters--	7	9,514	3.7	349
Born, 4-2-41; proved, 9-30-48;----; Wis.	5 daughters--	6	9,902	3.6	361
Sire, 807423; dam, 2183227.	5 dams-------	21	9,467	3.5	328
Herd Owner, Rothen & Shue, Evansville.	Difference---	(4-3-4)	+435	+.1	+33
LOS ROBLES MATADOR LILITH 832862----------	8 daughters--	12	12,362	3.6	442
Born, 5-3-41; proved, 9-29-48;----; Calif.	8 dams-------	33	12,028	3.8	455
Sire, 776515; dam, 1506731.	Difference---	(6-2-4)	+334	-.2	-13
Herd Owner, E. L. Maddocks, Jr., Gustine.					
LOUIS EMPEROR POSCH 833547----------	8 daughters--	9	13,185	3.4	445
Born, 10-18-41; proved, 9-30-48;----; N. Y.	7 daughters--	8	12,919	3.4	433
Sire, 786552; dam, 1977732.	7 dams-------	30	13,065	3.6	476
Herd Owner, George B. Eckert & Son, La Fargeville.	Difference---	(5-2-2)	-146	-.2	-43
M A C SEGIS KORNDYKE 839622----------	16 daughters-	19	13,319	3.3	445
Born, 4-24-40; proved, 9-23-48;----; Oreg.	11 daughters-	13	13,250	3.3	441
Sire, 745485; dam, 1852893.	11 dams------	19	13,255	3.6	483
Herd Owner, Clem J. Berning, Mt. Angel.	Difference---	(6-2-4)	-5	-.3	-42
MAPLEHURST INKA LASS SEGIS 839795----------	6 daughters--	7	12,255	3.5	435
Born, 8-8-41; proved, 9-3-48;----; Pa.	6 dams-------	21	13,727	3.7	507
Sire, 786185; dam, 1946142.	Difference---	(2-3-2)	-1,472	-.2	-72
Herd Owner, Glenn Steves, Waterford.					
MARTYHOLM WINDSOR PIERE 834275----------	9 daughters--	16	11,008	3.6	402
Born, 2-4-41; proved, 9-24-48;----; Wis.	7 daughters--	12	10,538	3.7	387
Sire, 780673; dam, 2100018.	7 dams-------	17	10,101	3.5	357
Herd Owner, Harrison Smith & Herman Kessenick, De Forest.	Difference---	(4-5-7)	+437	+.2	+30

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MASTER FAIRMAN OLLIE 846481----------	19 daughters-	21	11,325	3.9	441
Born, 12-26-41; proved, 9-17-48;----; N. Y.	11 daughters-	13	11,381	3.9	445
Sire, 738104; dam, 1855377.	11 dams------	11	10,232	3.7	374
Herd Owner, M. C. Holmes, New Woodstock.	Difference---	(7-10-8)	+1,149	+.2	+71
MEIERKORD TRIUNE BILLY INKA 821982----------	17 daughters-	17	12,296	3.2	399
Born, 12-9-40; proved, 9-30-48;----; Nebr.	15 daughters-	15	12,219	3.3	400
Sire, 707379; dam, 1933605.	15 dams------	62	11,772	3.5	413
Herd Owner, State Board of Control, Lincoln.	Difference---	(7-3-8)	+447	-.2	-13
M F SIR ABBY DE KOL GENERATOR 824781----------	12 daughters-	16	12,756	3.6	459
Born, 1-28-41; proved, 9-30-48; dead; N. Y.	11 daughters-	14	12,624	3.6	452
Sire, 688254; dam, 1829517.	11 dams------	38	14,225	3.6	508
Herd Owner, Machold Farms, Ellisburg.	Difference---	(4-6-4)	-1,601	.0	-56
MIDLAND COLANTHA MEAD 746394 *10----------	16 daughters-	38	12,943	4.0	513
Born, 2-16-37; proved, 9-16-48; dead; Calif.	16 dams------	74	12,836	3.7	477
Sire, 707429; dam, 1651405.	Difference---	(9-13-11)	+107	+.3	+36
Herd Owner, Earl Graham & Sons, Modesto.					
MILBRUEK SIR KING RIA 739948----------	8 daughters--	34	13,214	3.6	472
Born, 7-13-36; proved, 9-28-48;----; Pa.	5 daughters--	17	13,246	3.6	477
Sire, 584588; dam, 1649392.	5 dams-------	17	10,665	3.6	385
Herd Owner, Peters Brothers, Port Matilda.	Difference---	(5-4-5)	+2,581	.0	+92
MILCO CREAMELLE CRESCENT STAR 833735----------	7 daughters--	8	7,456	3.8	283
Born, 8-11-41; proved, 9-29-48;----; Wis.	7 dams-------	46	9,923	3.7	363
Sire, 721899; dam, 1529723.	Difference---	(1-7-1)	-2,467	+.1	-80
Herd Owner, Milwaukee County Institutional Farms, Wauwatosa.					
MINNEHAHA O'JOE VALOR 741977----------	5 daughters--	5	12,136	3.5	431
Born, 1-14-37; proved, 9-29-48;----; Minn.	5 dams-------	22	11,000	3.4	375
Sire, 564477; dam, 1543583.	Difference---	(4-5-4)	+1,136	+.1	+56
Herd Owner, Clarence M. Lind, Winthrop.					
MONTVIC CHIEFTAIN 7TH 695631 *8----------	42 daughters-	117	11,589	4.2	483
Born, 10-24-33; proved, 9-28-48; dead; N. Y.	41 daughters-	116	11,609	4.2	482
Sire, 95679 CHB; dam, 224409 CHB.	41 dams------	208	12,589	3.5	442
Herd Owner, George W. Chapman & Son, Ontario.	Difference---	(14-38-27)	-980	+.7	+40
MONTVIC PATHFINDER FAYNE 836475----------	8 daughters--	9	12,530	3.6	450
Born, 12-20-41; proved, 9-24-48; alive; N. Y.	5 daughters--	5	12,597	3.6	457
Sire, 776307; dam, 1619165.	5 dams-------	10	12,848	3.6	466
Herd Owner, Lewis S. Bell, Interlaken.	Difference---	(3-4-1)	-251	.0	-9
MOONLIT DALE FLOSSIE INKA MAY 834077----------	11 daughters-	15	11,403	3.5	402
Born, 11-25-41; proved, 9-24-48;----; Iowa.	10 daughters-	14	11,544	3.5	406
Sire, 651591; dam, 1934612.	10 dams------	30	10,019	3.5	351
Herd Owner, W. G. Lincoln & Sons, Oelwein.	Difference---	(8-6-8)	+1,525	.0	+55
MT PLEASANT DEAN ALCARTRA 831834----------	11 daughters-	14	13,158	3.5	457
Born, 1-8-41; proved, 9-30-48;----; Iowa.	8 daughters--	10	13,063	3.4	449
Sire, 787434; dam, 2015956.	8 dams-------	23	12,769	3.2	404
Herd Owner, J. Terrell Kessler, Oskaloosa.	Difference---	(6-7-6)	+294	+.2	+45
NESHONOC JOHANNA FOBES 780799----------	7 daughters--	8	9,633	3.5	337
Born, 9-14-38; proved, 9-16-48;----; Wis.	7 dams-------	13	10,702	3.7	395
Sire, 725440; dam, 1733762.	Difference---	(1-2-2)	-1,069	-.2	-58
Herd Owner, Neshonoc Stock Farms, West Salem.					
NITTANYVALE COLAN ONA DECKER 848674----------	6 daughters--	6	12,924	3.5	453
Born, 12-5-41; proved, 9-24-48;----; Pa.	5 daughters--	5	13,410	3.5	473
Sire, 746074; dam, 2090608.	5 dams-------	29	11,532	3.3	384
Herd Owner, State Industrial Home, Muncy.	Difference---	(4-4-5)	+1,878	+.2	+89
NITTANYVALE PIEBE GERB ONA 822284----------	5 daughters--	5	13,067	3.2	415
Born, 3-19-41; proved, 9-27-48;----; Pa.	5 dams-------	21	11,873	3.6	426
Sire, 746074; dam, 1577886.	Difference---	(4-1-2)	+1,194	-.4	-11
Herd Owner, State Colony, Selinsgrove.					
OAKDALE FOBES FELTON DICTATOR 791425----------	12 daughters-	16	13,214	3.5	466
Born, 10-13-39; proved, 9-3-48; dead; Iowa.	11 daughters-	15	13,067	3.5	460
Sire, 692526; dam, 1674611.	11 dams------	21	13,119	3.7	479
Herd Owner, Mt. Pleasant State Hospital, Mt. Pleasant.	Difference---	(5-5-5)	-52	-.2	-19
OKAWA POSCH ORMSBY 863269----------	10 daughters-	13	11,716	3.4	394
Born, 10-4-41; proved, 9-13-48;----; N. Y.	10 dams------	30	11,285	3.4	383
Sire, 675055; dam, 1884195.	Difference---	(7-4-5)	+431	.0	+11
Herd Owner, A. Fisher & Sons, Canastota.					
OLCOTT FARMS SIR INKA EFFIE 846973 ----------	5 daughters--	5	11,120	3.6	398
Born, 12-5-41; proved, 9-14-48;----; N. Y.	5 dams-------	30	11,846	3.5	417
Sire, 706788; dam, 1624127.	Difference---	(3-3-3)	-726	+.1	-19
Herd Owner, Oscar Kahler & Son, Elmira.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OOSTIE JOE MASTER 780161----------	16 daughters-	32	9,682	3.6	348
Born, 7-12-38; proved, 9-30-48;----; Wis.	9 daughters--	17	9,794	3.7	358
Sire, 651573; dam, 1929482.	9 dams-------	14	11,044	3.5	391
Herd Owner, Joseph N. Juckem, Chilton.	Difference---	(2-6-2)	-1,250	+.2	-33
OOSTIE PAYMASTER ADVOCATE 780530----------	12 daughters-	17	9,298	3.5	323
Born, 12-7-38; proved, 9-24-48;----; Minn.	6 daughters--	10	10,442	3.5	362
Sire, 685009; dam, 1666221.	6 dams-------	17	9,186	3.5	323
Herd Owner, Stukins & Erickson, La Crescent.	Difference---	(5-4-4)	+1,256	.0	+39
ORMSBY ADMIRAL KENT 786147----------	10 daughters-	15	12,550	3.3	411
Born, 4-6-39; proved, 9-30-48;----; Del.	7 daughters--	10	12,244	3.3	401
Sire, 611511; dam, 1855558.	7 dams-------	11	11,292	3.2	358
Herd Owner, John C. Mitchell, Hockessin.	Difference---	(5-5-5)	+952	+.1	+43
ORMSBY FOBES MONTVIC 838881----------	10 daughters-	11	12,398	3.7	458
Born, 8-9-41; proved, 9-3-48;----; Wis.	9 daughters--	10	12,633	3.7	466
Sire, 792389; dam, 1912467.	9 dams-------	31	12,005	3.6	432
Herd Owner, Hilmer G. Mueller, Seymour.	Difference---	(5-7-6)	+628	+.1	+34
ORMSBY JOHANNA FOBES INKA 853516----------	12 daughters-	15	11,754	3.6	424
Born, 12-29-41; proved, 9-30-48;----; Ind.	12 dams------	39	12,274	3.4	418
Sire, 738112; dam, 1760888.	Difference---	(5-10-6)	-520	+.2	+6
Herd Owner, Eli M. Schwartz, Berne.					
ORMSBY PIEBE SEGIS HARTOG 847718----------	7 daughters--	8	9,699	4.0	390
Born, 3-26-42; proved, 9-2-48;----; Pa.	7 dams-------	31	10,691	3.8	409
Sire, 774413; dam, 2166843.	Difference---	(2-6-3)	-992	+.2	-19
Herd Owner, Benjamin F. Garman, Carlisle.					
ORMSBY SEGIS HOMESTEAD MARCUS 772140----------	9 daughters--	11	12,842	3.4	431
Born, 10-26-38; proved, 9-30-48;----; N. Y.	7 daughters--	9	12,965	3.3	429
Sire, 707469; dam, 1713074.	7 dams-------	21	13,404	3.4	459
Herd Owner, Edwin R. Smith, Seneca Falls.	Difference---	(3-3-3)	-439	-.1	-30
ORMSBY SEGIS PIETERTJE FOBES 844163----------	6 daughters--	6	13,986	3.3	458
Born, 12-14-41; proved, 9-29-48;----; Wis.	6 dams-------	7	12,594	3.5	442
Sire, 797165; dam, 1733984.	Difference---	(3-1-3)	+1,392	-.2	+16
Herd Owner, Arthur J. Schmitt, Colgate.					
OSBORNDALE KING FOBES 848346----------	7 daughters--	8	11,189	3.6	405
Born, 11-19-41; proved, 9-13-48; dead; N. Y.	5 daughters--	6	11,893	3.5	421
Sire, 676023; dam, 2044071.	5 dams-------	16	12,575	3.6	459
Herd Owner, Grover C. Guernsey, Schoharie.	Difference---	(2-2-2)	-682	-.1	-38
OSBORNDALE LADDIE ORMSBY 824428----------	11 daughters-	11	9,014	3.8	338
Born, 3-22-41; proved, 9-30-48;----; N. Y.	11 dams------	18	10,208	3.6	368
Sire, 760643; dam, 1649891.	Difference---	(3-8-3)	-1,194	+.2	-30
Herd Owner, Robert Y. Walrath, East Springfield.					
OSBORNDALE ORMSBY FOBES 786937----------	10 daughters-	13	13,286	3.8	507
Born, 11-2-39; proved, 9-30-48;----; Conn.	5 daughters--	6	14,346	3.9	562
Sire, 724521; dam, 1011809.	5 dams-------	13	11,062	3.4	381
Herd Owner, Kelsey Farm, Inc., Middletown.	Difference---	(5-5-5)	+3,284	+.5	+181
OUTLET STAR VALDESSA LYONS 781180----------	6 daughters--	8	11,241	3.3	372
Born, 1-5-39; proved, 9-2-48;----; Pa.	6 dams-------	28	12,653	3.3	415
Sire, 729317; dam, 1652949.	Difference---	(3-4-2)	-1,412	.0	-43
Herd Owner, Kirkman Farms, Turtlepoint.					
PABST BARITO 839309----------	11 daughters-	13	11,025	3.4	372
Born, 11-14-41; proved, 9-8-48;----; Wis.	11 dams------	32	11,090	3.3	366
Sire, 761980; dam, 1631288.	Difference---	(5-8-6)	-65	+.1	+6
Herd Owner, Ivan Salter, Germantown.					
PABST BARTA INKA 839318----------	7 daughters--	8	12,310	3.8	473
Born, 12-26-41; proved, 9-10-48;----; Wis.	7 dams-------	22	10,925	3.7	403
Sire, 761980; dam, 1885233.	Difference---	(5-5-4)	+1,385	+.1	+70
Herd Owner, Ben Zimmerli, Brodhead.					
PABST BARTA ORMSBY PONTIAC 825059----------	8 daughters--	13	14,652	3.4	505
Born, 5-31-41; proved, 9-30-48;----; Wis.	8 dams-------	25	13,607	3.4	463
Sire, 761980; dam, 2023400.	Difference---	(6-6-5)	+1,045	.0	+42
Herd Owner, Sam C. Stanchfield, Fond du Lac.					
PABST SIR BELMONT BLOOM 781174----------	10 daughters-	15	11,721	3.5	406
Born, 7-25-39; proved, 9-24-48;----; Wis.	5 daughters--	9	12,236	3.4	422
Sire, 678994; dam, 1426000.	5 dams-------	13	12,702	3.5	448
Herd Owner, Brown County Asylum, Green Bay.	Difference---	(2-2-2)	-466	-.1	-26
PAGANOK ADMIRAL ORMSBY DEAN 2D 846754----------	10 daughters-	15	13,101	3.5	462
Born, 3-26-42; proved, 9-30-48;----; Mo.	8 daughters--	12	13,135	3.6	467
Sire, 774212; dam, 2028145.	8 dams-------	29	10,052	3.5	349
Herd Owner, Buckman Brothers, Shelbina.	Difference---	(7-7-7)	+3,083	+.1	+118

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PARTHENEA WALKER SARCASTIC 826189----------	7 daughters--	9	10,245	3.4	352
Born, 2-23-41; proved, 9-30-48;----; Pa.	7 dams-------	31	11,379	3.5	396
Sire, 752295; dam, 1968320.	Difference---	(1-4-1)	-1,134	-.1	-44
Herd Owner, Russell S. Eberly, Mechanicsburg.					
PAUL M O W OLLIE ORMSBY 760367----------	9 daughters--	21	10,752	3.2	341
Born, 10-20-37; proved, 9-28-48;----; Wis.	9 dams-------	32	9,143	3.3	303
Sire, 651537; dam, 1696536.	Difference---	(7-4-7)	+1,609	-.1	+38
Herd Owner, Post & Neuman, Barron.					
PAWLET SENSATION SEGIS 779432----------	15 daughters-	15	9,246	3.4	315
Born, 12-13-38; proved, 9-30-48;----; Vt.	8 daughters--	8	9,132	3.4	313
Sire, 695333; dam, 1601725.	8 dams-------	23	10,324	3.4	353
Herd Owner, C. L. Leach & Son, Pawlet.	Difference---	(2-4-2)	-1,192	.0	-40
PEERLESS SIR INKA MAY 845354----------	9 daughters--	12	12,304	3.5	436
Born, 10-27-41; proved, 9-21-48; dead; Minn.	9 dams-------	40	11,477	3.6	409
Sire, 729184; dam, 2039572.	Difference---	(5-3-6)	+827	-.1	+27
Herd Owner, A. F. & C. H. Kunde, Goodhue.					
PENN HILL KING ORMSBY 842268----------	6 daughters--	6	12,629	3.5	446
Born, 1-4-42; proved, 9-13-48;----; Pa.	5 daughters--	5	12,390	3.5	438
Sire, 802786; dam, 2019397.	5 dams-------	13	12,644	3.2	403
Herd Owner, S. L. Cary, Mills.	Difference---	(2-4-4)	-254	+.3	+35
PIETERTJE HARTJE PRILLY 844641----------	6 daughters--	7	11,910	3.5	413
Born, 2-21-42; proved, 9-30-48;----; N. Y.	5 daughters--	6	12,197	3.4	413
Sire, 734247; dam, 1707645.	5 dams-------	27	11,770	3.6	422
Herd Owner, Gerald Kent, Woodhull.	Difference---	(2-1-2)	+427	-.2	-9
PONTIAC STENZEL ECRAB 739905----------	16 daughters-	24	11,384	3.4	389
Born, 5-2-36; proved, 9-30-48;----; Okla.	7 daughters--	12	11,869	3.3	397
Sire, 675056; dam, 1007775.	7 dams-------	20	11,811	3.3	384
Herd Owner, Central Oklahoma State Hospital, Norman.	Difference---	(4-5-4)	+58	.0	+13
POSCH ECHO CORNUCOPIA 758946----------	6 daughters--	10	9,282	3.6	331
Born, 7-4-37; proved, 9-28-48;----; N. Y.	5 daughters--	9	8,775	3.6	315
Sire, 705988; dam, 1578312.	5 dams-------	25	10,499	3.7	386
Herd Owner, Adolph W. May & Son, Elmira.	Difference---	(0-3-0)	-1,724	-.1	-71
PRINCE LADOGA PIERE 846538----------	5 daughters--	8	11,583	3.9	457
Born, 1-1-41; proved, 9-13-48; dead; Ill.	5 dams-------	18	11,525	3.5	399
Sire, 734886; dam, 1895752.	Difference---	(4-5-4)	+58	+.4	+58
Herd Owner, Noble G. Priess, Altamont.					
PRINCE ORMSBY AAGGIE POSCH 824508----------	9 daughters--	10	13,067	3.5	457
Born, 2-8-41; proved, 9-30-48;----; Iowa.	9 dams-------	31	14,967	3.4	503
Sire, 742460; dam, 1902260.	Difference---	(1-7-2)	-1,900	+.1	-46
Herd Owner, Richard Burggraaff, George.					
PRINCE ORMSBY FORES OLLIE HERB 745364----------	16 daughters-	17	10,243	3.5	363
Born, 10-10-36; proved, 9-30-48;----; Wis.	14 daughters-	14	10,154	3.5	358
Sire, 690003; dam, 1535626.	14 dams------	39	10,286	3.7	377
Herd Owner, Leonard L. Sattler, Pine River.	Difference---	(7-4-5)	-132	-.2	-19
PRINCE POSCH PRILLY 847458----------	6 daughters--	6	12,183	3.6	433
Born, 8-28-41; proved, 9-2-48;----; N. Y.	6 dams-------	26	12,263	3.6	441
Sire, 791870; dam, 1841460.	Difference---	(3-4-3)	-80	.0	-8
Herd Owner, James A. Young & Son, Angelica.					
QUONQUONT PLUTO FRITZ 742083 *9----------	29 daughters-	71	12,741	3.4	433
Born, 4-24-37; proved, 9-24-48; dead; Vt.	25 daughters-	61	12,477	3.4	427
Sire, 646624; dam, 1670104.	25 dams------	100	13,080	3.3	428
Herd Owner, James K. Howe & Son, Tunbridge.	Difference---	(12-21-13)	-603	+.1	-1
RIVERFLAT ADMIRAL ANSON 822158----------	18 daughters-	18	12,489	3.2	396
Born, 11-4-40; proved, 9-30-48;----; N. Y.	6 daughters--	6	13,155	3.1	407
Sire, 707606; dam, 1800210.	6 dams-------	7	11,944	3.4	401
Herd Owner, R. H. Volmer, Sherburne.	Difference---	(4-1-4)	+1,211	-.3	+6
ROBENS FARMS COLANTHA IDEAL 788675----------	16 daughters-	27	9,421	3.4	316
Born, 7-10-39; proved, 9-14-48;----; N. Y.	8 daughters--	14	9,235	3.4	311
Sire, 659263; dam, 1137928.	8 dams-------	17	11,576	3.5	410
Herd Owner, L. G. Martin & Son, Milford.	Difference---	(0-2-0)	-2,341	-.1	-99
ROLLING KNOLL MASTER ACHIEVEMENT 845693----------	9 daughters--	12	12,340	3.3	406
Born, 1-17-42; proved, 9-21-48;----; Md.	8 daughters--	10	12,180	3.3	403
Sire, 769577; dam, 1812251.	8 dams-------	20	11,625	3.2	367
Herd Owner, Harry O. Harbaugh, Hagerstown	Difference---	(5-6-5)	+555	+.1	+36
ROYAL DUKE PONTIAC 847155----------	6 daughters--	6	11,290	3.7	418
Born, 8-29-41; proved, 9-9-48; dead; Iowa.	6 dams-------	21	9,546	3.6	343
Sire, 796929; dam, 1799428.	Difference---	(5-4-6)	+1,744	+.1	+75
Herd Owner, Amos C. Peterson & Son, Ionia.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RUTGERS ORMSBY EXCELSIOR KING 857655----------	13 daughters-	15	11,848	3.4	401
Born, 1-16-42; proved, 9-21-48;----; N. J.	12 daughters-	14	12,170	3.4	410
Sire, 724272; dam, 1792471.	12 dams------	22	11,787	3.4	398
Herd Owner, Schick Farms, Milford.	Difference---	(7-6-6)	+383	.0	+12
SEGIS HERO DAD 824911----------	19 daughters-	31	9,727	3.5	343
Born, 12-25-40; proved, 9-30-48;----; N. Y.	10 daughters-	18	9,505	3.5	333
Sire, 788204; dam, 2106099.	10 dams------	18	11,037	3.4	371
Herd Owner, Harold Berg, Frewsburg.	Difference---	(3-8-4)	-1,532	+.1	-38
SEGIS KONIGEN KAREL COLANTHA 818240----------	14 daughters-	15	7,937	3.7	292
Born, 11-10-39; proved, 9-30-48;----; N. Y.	10 daughters-	11	7,786	3.7	287
Sire, 735563; dam, 1773852.	10 dams------	15	8,385	3.4	284
Herd Owner, Elon Van Derweiken, Central Bridge.	Difference---	(5-9-6)	-599	+.3	+3
SEGIS PIETERTJE JOHANNA ORMSBY 853883----------	7 daughters--	14	11,013	3.5	388
Born, 9-6-40; proved,9-24-48;----; Wis.	6 daughters--	12	11,555	3.5	404
Sire, 719344; dam, 1459681.	6 dams-------	20	12,732	3.6	455
Herd Owner, Athneil Raquet, Kiel.	Difference---	(2-2-2)	-1,177	-.1	-51
SEGIS WINNEBAGO ORMSBY MAPLE GROVE 865864----------	11 daughters-	19	8,690	4.0	351
Born, 11-24-39; proved, 9-23-48;----; Wis.	9 daughters--	16	8,558	4.0	346
Sire, 831665; dam, 1340349.	9 dams-------	67	9,910	3.8	374
Herd Owner, Victor H. Blaha, Two Rivers.	Difference---	(4-6-4)	-1,352	+.2	-28
S F ALCARTRA KING INKA 781708----------	14 daughters-	19	8,625	3.4	292
Born, 8-19-38; proved, 9-21-48;----; Vt.	13 daughters-	18	8,652	3.4	293
Sire, 653855; dam, 1596692.	13 dams------	19	9,365	3.3	313
Herd Owner, Vermont Prison Farm, Windsor.	Difference---	(6-9-7)	-713	+.1	-20
SIR BESS ORMSBY FOBES BARBETTA 745302----------	9 daughters--	19	12,042	3.7	449
Born, 11-8-36; proved, 9-30-48;----; N. Dak.	5 daughters--	11	12,783	3.7	476
Sire, 504483; dam, 1619213.	5 dams-------	12	12,201	3.5	426
Herd Owner, N. Dak. Agricultural College, Fargo.	Difference---	(3-3-3)	+582	+.2	+50
SIR BESS ORMSBY FOBES IDEAL 824979----------	10 daughters-	10	13,118	3.7	480
Born, 1-4-41; proved, 9-27-48;----; N. Y.	6 daughters--	6	12,752	3.6	457
Sire, 761977; dam, 1915944.	6 dams-------	8	12,959	3.4	440
Herd Owner, Wooster Fruit & Dairy Farms, Inc., Union Hill.	Difference---	(4-4-3)	-207	+.2	+17
SIR BESS ORMSBY OZONE 824360----------	15 daughters-	20	14,361	3.5	506
Born, 11-23-40; proved, 9-30-48;----; N. Y.	15 dams------	53	11,925	3.7	441
Sire, 761977; dam, 2048284.	Difference---	(15-5-13)	+2,436	-.2	+65
Herd Owner, David Roberts, Sauquoit.					
SIR BESS SKYLARK ORMSBY MAID 874831----------	5 daughters--	5	11,200	3.8	424
Born, 9-18-42; proved, 9-27-48; alive; Iowa.	5 dams-------	17	8,954	3.3	297
Sire, 711381; dam, 2046553.	Difference---	(4-4-5)	+2,246	+.5	+127
Herd Owner, Roy Wood, Ionia.					
SIR BURKE DESIGN 781418----------	10 daughters-	16	11,313	3.4	384
Born, 7-19-39; proved, 9-9-48; dead; N. J.	7 daughters--	11	11,420	3.4	385
Sire, 738106; dam, 1742335.	7 dams-------	21	11,357	3.4	381
Herd Owner, State School, Vineland.	Difference---	(4-4-5)	+63	.0	+4
SIR DOUG BURK PIEBE GERB-COLAN 826711----------	8 daughters--	10	10,601	3.7	395
Born, 2-9-41; proved, 9-3-48; dead; Va.	8 dams-------	32	11,616	3.6	415
Sire, 660575; dam, 2000423.	Difference---	(3-6-3)	-1,015	+.1	-20
Herd Owner, G. L. Bowman, Boones Mill.					
SIR DOUG BURK PIEB GERB-COLAN ONA 833908----------	8 daughters--	8	9,836	3.4	338
Born, 7-10-41; proved, 9-30-48;----; Md.	5 daughters--	5	10,648	3.2	344
Sire, 660575; dam, 2020523.	5 dams-------	12	10,972	3.3	361
Herd Owner, Austin E. & Ethel M. Zimmerman, Frederick.	Difference---	(3-2-2)	-324	-.1	-17
SIR FEMCO PONTIAC ORMSBY FOBES 844147----------	8 daughters--	9	13,532	3.8	514
Born, 2-12-42; proved, 9-30-48;----; Iowa.	8 dams-------	40	12,943	3.6	465
Sire, 796015; dam, 1636440.	Difference---	(5-7-6)	+589	+.2	+49
Herd Owner, Wallace & Agnus Mills, Coggon.					
SIR MODEL LASS TRANSMITTER 835596----------	6 daughters--	6	12,634	3.7	473
Born, 10-22-41; proved, 9-30-48;----; Iowa.	6 dams-------	26	11,835	3.5	415
Sire, 794827; dam, 2074410.	Difference---	(5-6-5)	+799	+.2	+58
Herd Owner, Linartis Farm, South English.					
SIR PIETERTJE ORMSBY MERGER 841801----------	10 daughters-	11	13,222	3.6	479
Born, 12-29-41; proved, 9-23-48; dead; N. Y.	8 daughters--	9	12,963	3.7	477
Sire, 765346; dam, 1881681.	8 dams-------	25	12,478	3.7	461
Herd Owner, Fay Hodge, Ames.	Difference---	(5-5-5)	+485	.0	+16
SIR SKYLARK TRITOMIA MONARCH 745850----------	7 daughters--	14	11,621	3.8	437
Born, 10-19-36; proved, 9-30-48;----; Iowa.	6 daughters--	13	11,486	3.8	436
Sire, 684330; dam, 1211656.	6 dams-------	19	9,368	3.8	353
Herd Owner, Torgrim & Broghamer Brothers, Decorah.	Difference---	(5-3-5)	+2,118	.0	+83

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR SUNBEAM PIEBE POSCH 786590----------	14 daughters-	18	9,128	3.6	324
Born, 12-8-39; proved, 9-30-48;----; Wis.	12 daughters-	16	9,232	3.6	329
Sire, 754520; dam, 1804630.	12 dams------	29	10,507	3.6	377
Herd Owner, Christ A. Mayer, Slinger.	Difference---	(4-6-4)	-1,275	.0	-48
SIR TRANSMITTER BOMBER 848493----------	6 daughters--	8	12,454	3.4	418
Born, 1-14-42; proved, 9-9-48; alive; Iowa.	6 dams-------	34	15,229	3.6	547
Sire, 754520; dam, 1804630.	Difference---	(2-1-2)	-2,775	-.2	-129
Herd Owner, Matt Birker & Son, Vinton.					
SLEEPY HOLLOW HEILO INKA BETTY 840757----------	7 daughters--	8	16,470	3.3	537
Born, 4-3-41; proved, 9-17-48; dead; Idaho.	6 daughters--	6	17,160	3.2	551
Sire, 733779; dam, 1698557.	6 dams-------	7	12,573	3.6	448
Herd Owner, Thomas E. Maberly, Rupert.	Difference---	(6-1-5)	+4,587	-.4	+103
SMALLEY BEETS WALKER 841948----------	9 daughters--	10	13,025	3.7	483
Born, 9-26-41; proved, 9-27-48;----; Ohio.	9 dams-------	43	13,725	3.2	435
Sire, 773963; dam, 1882614.	Difference---	(4-9-6)	-700	+.5	+48
Herd Owner, Hawk & D. R. Smalley, Rockford.					
SMITHLAND MARATHON JOHANNA FOBES 836272----------	8 daughters--	11	11,266	3.7	420
Born, 1-17-41; proved, 9-2-48; dead; N. Y.	7 daughters--	10	11,394	3.7	418
Sire, 749356; dam, 2015769.	7 dams-------	18	11,494	3.5	404
Herd Owner, Alfred J. Brown, Cazenovia.	Difference---	(4-4-4)	-100	+.2	+14
SOWISCOL PRINCE ESTHER 780772----------	11 daughters-	11	12,264	3.8	471
Born, 3-24-39; proved, 9-28-48;----; Wis.	5 daughters--	5	11,666	3.9	450
Sire, 719469; dam, 1408802.	5 dams-------	6	12,697	3.9	500
Herd Owner, Southern Wisconsin Colony & Training School, Union Grove.	Difference---	(2-2-2)	-1,031	.0	-50
SPIES COLANTHA SKYLARK (TWIN) 850172----------	16 daughters-	18	12,663	3.5	444
Born, 1-26-42; proved, 9-27-48;----; Iowa.	12 daughters-	13	12,561	3.6	452
Sire, 732196; dam, 2054601.	12 dams------	39	11,130	3.5	384
Herd Owner, Herman W. Danman & Son, Estherville.	Difference---	(10-9-10)	+1,431	+.1	+68
SPRING BLANCHE SIR ANTHONY 845017----------	7 daughters--	10	12,003	3.6	430
Born, 6-18-41; proved, 9-21-48;----; Pa.	7 dams-------	32	11,770	3.5	407
Sire, 666874; dam, 2039105.	Difference---	(3-6-4)	+233	+.1	+23
Herd Owner, J. S. Zeigler, Lewisburg.					
S P S M OTHELLO PONTIAC BURKE 750087----------	8 daughters--	27	13,102	3.3	429
Born, 5-19-37; proved, 9-23-48;----; Mich.	5 daughters--	16	12,558	3.3	419
Sire, 652475; dam, 1351989.	5 dams-------	13	12,295	3.1	385
Herd Owner, Frank F. Geiger, South Lyon.	Difference---	(3-4-2)	+263	+.2	+34
STEILACOOM MUTUAL ROMEYAK 831389----------	14 daughters-	16	12,676	3.2	409
Born, 4-16-41; proved, 9-3-48;----; Wash.	13 daughters-	14	12,794	3.2	415
Sire, 677084; dam, 2042579.	13 dams------	33	12,869	3.4	443
Herd Owner, Western State Hospital, Fort Steilacoom.	Difference---	(8-3-6)	-75	-.2	-28
STRATHMORE CANARY PERFECTION 784931----------	9 daughters--	10	8,812	3.6	316
Born, 8-2-37; proved, 9-30-48;----; Wis.	8 daughters--	9	8,652	3.6	310
Sire, 110000 CHB; dam, 298820 CHB.	8 dams-------	15	10,992	3.6	395
Herd Owner, Robert A. Gefke & Sons, Oregon.	Difference---	(0-6-0)	-2,340	.0	-85
STRATHMORE KOBA MONARCH 745221----------	12 daughters-	28	9,556	3.8	361
Born, 9-25-31; proved, 9-30-48;----; Wis.	7 daughters--	19	10,079	3.7	375
Sire, 64799 CHB; dam, 91787 CHB.	7 dams-------	11	9,233	3.7	343
Herd Owner, William M. Curtis, Mauston.	Difference---	(5-5-6)	+846	.0	+32
STROCKLAND PIEBE ORMSBY 881148----------	6 daughters--	9	11,244	3.3	367
Born, 5-7-42; proved, 9-21-48;----; Pa.	5 daughters--	8	11,397	3.3	372
Sire, 770804; dam, 2226779.	5 dams-------	24	9,522	3.4	326
Herd Owner, John S. Asper, Mechanicsburg.	Difference---	(4-1-4)	+1,875	-.1	+46
THOMAS FREDERICK HAMPDEN KONIGEN 892599----------	22 daughters-	22	10,146	3.5	354
Born, 12-1-40; proved, 9-24-48;----; Maine.	8 daughters--	8	9,875	3.5	346
Sire, 772639; dam, 1791681.	8 dams-------	10	10,558	3.6	378
Herd Owner, N. Searle Perry, Bangor.	Difference---	(4-2-3)	-683	-.1	-32
TILFA SEGIS MERCEDES 778334----------	11 daughters-	13	11,592	3.6	412
Born, 2-14-39; proved, 9-30-48;----; Minn.	11 dams------	25	11,345	3.3	376
Sire, 725190; dam,1473991.	Difference---	(6-9-7)	+247	+.3	+36
Herd Owner, Tilney Farms, Lewisville.					
TRITOMIA SEGIS PAUL 764436----------	11 daughters-	15	14,543	3.4	495
Born, 8-18-38; proved, 9-28-48;----; Iowa.	11 dams------	57	13,807	3.3	461
Sire, 713899; dam, 1837823.	Difference---	(8-7-9)	+736	+.1	+34
Herd Owner, Dan C. Krahling, George.					
TYLER FARMS RAG APPLE WOOD 846938----------	6 daughters--	6	11,543	3.3	379
Born, 12-28-41; proved, 9-13-48;----; N. H.	6 dams-------	16	11,169	3.4	375
Sire, 827071; dam, 1984993.	Difference---	(4-3-4)	+374	-.1	+4
Used in New Hampshire A. B. A.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TYLER FARMS SENSATION PRIDE 788986----------	17 daughters-	21	10,861	3.4	368
Born, 12-31-38; proved, 9-30-48;----; N. Y.	14 daughters-	15	11,026	3.4	371
Sire, 732276; dam, 1868275.	14 dams------	34	9,921	3.3	332
Herd Owner, James G. Donnan & Sons, Galway.	Difference---	(10-7-10)	+1,105	+.1	+39
UTTER LAMOKA STAR ADMIRAL 840142----------	6 daughters--	7	10,810	3.8	411
Born, 9-25-41; proved, 9-24-48; dead; N. Y.	6 dams-------	23	11,203	3.7	419
Sire, 758807; dam, 1857661.	Difference---	(2-3-2)	-393	+.1	-8
Used in New York Co-op. A. B. A., Inc.					
U V M CHIEF SENSATION 762929----------	8 daughters--	9	10,418	3.8	397
Born, 3-19-38; proved, 9-28-48;----; Mass.	7 daughters--	7	10,700	3.8	409
Sire, 715513; dam, 1771119.	7 dams-------	27	11,472	3.5	407
Herd Owner, John & Steven Sena, Easthampton.	Difference---	(4-7-4)	-772	+.3	+2
U W SIR BESS PIEBE ORMSBY 745535----------	7 daughters--	11	11,506	3.7	425
Born, 2-2-37; proved, 9-30-48;----; Wis.	7 dams-------	28	11,022	3.8	414
Sire, 505428; dam, 1730754.	Difference---	(4-3-3)	+484	-.1	+11
Herd Owner, M. R. Knickle, Campbellsport.					
VAN HOOSEN CHIEFTAIN 562 845848----------	9 daughters--	9	14,133	3.6	502
Born, 11-12-41; proved, 9-13-48; dead; Mich.	8 daughters--	8	14,313	3.6	516
Sire, 752503; dam, 1948441.	8 dams-------	22	11,779	3.6	429
Herd Owner, O. E. Zimmerman, Hudson.	Difference---	(6-4-7)	+2,534	.0	+87
VICKERY NANCY FOBES 761356----------	5 daughters--	14	12,120	3.6	431
Born, 1-14-38; proved, 9-27-48;----; Wis.	5 dams-------	20	12,220	3.4	420
Sire, 731748; dam, 1513818.	Difference---	(2-4-2)	-100	+.2	+11
Herd Owner, Glover Farms, Fort Atkinson.					
WAIT FARM REGAL POSCH MERCEDES 838891----------	9 daughters--	13	13,163	3.3	433
Born, 10-17-41; proved, 9-24-48; dead; N. Y.	9 dams-------	15	12,242	3.5	426
Sire, 699445; dam, 2190267.	Difference---	(5-3-5)	+921	-.2	+7
Herd Owner, Charles Burr & Sons, Houghton.					
WAUSEONA JOE 739983----------	8 daughters--	8	10,621	3.5	367
Born, 11-2-36; proved, 9-29-48;----; Ohio.	6 daughters--	6	10,376	3.4	353
Sire, 685014; dam, 1592571.	6 dams-------	7	11,500	3.3	382
Herd Owner, Charles Meeker, Lyons.	Difference---	(2-5-2)	-1,124	+.1	-29
WA WA BEECHWOOD FOBES BISHOP 838571----------	6 daughters--	7	10,571	3.4	359
Born, 11-6-41; proved, 9-24-48;----; Wis.	5 daughters--	6	9,921	3.4	341
Sire, 783032; dam, 1927264.	5 dams-------	10	10,422	3.7	385
Herd Owner, L. W. Ryder, Ripon.	Difference---	(3-2-2)	-501	-.3	-44
WAYNE ORMSBY FOBES BONHEUR 801603----------	15 daughters-	16	12,424	3.6	442
Born, 10-26-39; proved, 9-24-48;----; Ill.	12 daughters-	13	12,592	3.5	449
Sire, 757031; dam, 2042090.	12 dams------	28	12,500	3.5	433
Herd Owner, Oscar W. & Ira J. Wolf, Winslow.	Difference---	(7-9-8)	+92	.0	+16
WAYSIDE BESS QUALITY 709161 *9----------	13 daughters-	40	16,955	3.6	614
Born, 4-19-34; proved, 9-16-48; dead; Calif.	13 dams------	63	13,250	3.8	500
Sire, 614545; dam, 1424688.	Difference---	(12-6-11)	+3,705	-.2	+114
Herd Owner, Earl Graham & Sons, Modesto.					
WESTERDALE INKARNATION PRINCE 823710----------	21 daughters-	23	12,687	3.6	461
Born, 12-30-40; proved, 9-30-48; alive; Ill.	16 daughters-	16	12,716	3.6	464
Sire, 756713; dam, 1898670.	16 dams------	43	12,635	3.6	450
Used in Northern Illinois A. B. A.	Difference---	(8-10-8)	+81	.0	+14
WILONA ORMSBY CREATOR REX 854474----------	6 daughters--	9	11,104	3.4	379
Born, 2-8-42; proved, 9-10-48;----; Pa.	6 dams-------	22	10,477	3.5	363
Sire, 755555; dam, 1961919.	Difference---	(3-3-3)	+627	-.1	+16
Herd Owner, Thiele Brothers, Cabot.					
WIMBLEDON INKA EMPEROR 834583----------	11 daughters-	13	13,777	3.5	486
Born, 10-21-41; proved, 9-30-48; alive; Del.	11 dams------	35	13,585	3.5	481
Sire, 671030; dam, 1639645.	Difference---	(7-6-7)	+192	.0	+5
Herd Owner, Tull Brothers, Seaford.					
WIS OLLIE ROSE LAD (TWIN) 836027----------	14 daughters-	14	13,131	3.4	441
Born, 12-6-41; proved, 9-7-48;----; Wis.	11 daughters-	11	12,703	3.4	429
Sire, 770210; dam, 1899768.	11 dams------	18	11,646	3.6	414
Herd Owner, Mendota State Hospital, Mendota.	Difference---	(8-3-7)	+1,057	-.2	+15
W I S SPRIG CORNFLOWER PRIDE 769854----------	13 daughters-	13	7,912	3.4	269
Born, 11-29-38; proved, 9-30-48;----; Wis.	11 daughters-	11	7,672	3.5	265
Sire, 673105; dam, 1768101.	11 dams------	36	10,265	3.4	352
Herd Owner, J. A. Freudenberg & W. Kirst, Markesan.	Difference---	(3-5-1)	-2,593	+.1	-87
ZURCHER DEAN ORMSBY STAR 848437----------	9 daughters--	9	12,434	3.4	418
Born, 11-24-41; proved, 9-23-48;----; Iowa.	8 daughters--	8	12,319	3.4	418
Sire, 795014; dam, 1665073.	8 dams-------	24	9,954	3.3	328
Herd Owner, Ben T. Erickson & Son, Postville.	Difference---	(7-7-7)	+2,365	+.1	+90

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
23-3954 (DHIA EARTAG)----------	6 daughters--	10	7,291	3.6	262
Born, ----; proved, 9-10-48;----; Pa.	6 dams-------	16	8,675	3.6	310
Sire, ----; dam, ----.	Difference---	(0-4-1)	-1,384	.0	-48
Herd Owner, Max A. Lauffer, Middletown.					
35*HE5660 (BANGS OR TB EARTAG)----------	17 daughters-	29	9,711	3.5	341
Born, ----; proved, 9-17-48;----; Wis.	14 daughters-	26	9,767	3.5	344
Sire, ----; dam, ----.	14 dams------	65	9,743	3.8	372
Herd Owner, Ed Muelhius, Lomira.	Difference---	(6-3-5)	+24	-.3	-28

JERSEY SIRES

ALLENDALE JERSEY QUEEN'S ACE 367586----------	10 daughters-	19	6,782	4.8	325
Born, 12-18-33; proved, 9-30-48;----; Conn.	8 daughters--	16	6,771	4.8	325
Sire, 309464; dam, 655957.	8 dams-------	17	6,602	4.7	309
Herd Owner, Arthur D. Smith, Norfolk.	Difference---	(5-7-6)	+169	+.1	+16
BECKY BLONDE DESIGN 439930----------	5 daughters--	9	8,871	5.5	485
Born, 1-9-42; proved, 9-10-48; alive; Wis.	5 dams-------	19	6,836	5.5	373
Sire, 408869; dam, 1261730.	Difference---	(5-3-5)	+2,035	.0	+112
Used in Minnesota Valley A. B. A., Minn.					
BESSIE ADA OBSERVER 442412----------	10 daughters-	10	8,033	5.4	433
Born, 7-5-42; proved, 9-10-48; alive; Mich.	7 daughters--	7	7,845	5.5	432
Sire, 378562; dam, 886572.	7 dams-------	15	6,767	5.4	365
Herd Owner, Fred S. Dunks, Union City.	Difference---	(4-2-6)	+1,078	+.1	+67
BLONDE STANDARD POMPOUS 427425----------	7 daughters--	8	8,213	5.1	419
Born, 1-6-41; proved, 9-23-48; alive; Kans.	7 dams-------	15	8,175	5.3	433
Sire, 331755; dam, 1130275.	Difference---	(5-3-3)	+38	-.2	-14
Used in Mississippi Co-op. A. B. A., Miss.					
BLONDINE SYBIL OXFORD 362181----------	9 daughters--	16	5,004	5.5	277
Born, 1-11-34; proved, 9-29-48;----; Kans.	5 daughters--	9	4,976	5.4	268
Sire, 295670; dam, 897023.	5 dams-------	21	8,180	4.8	396
Herd Owner, C. A. Ewing, Conway Springs.	Difference---	(0-3-0)	-3,204	+.6	-128
BRAMPTON FAVORITE ROY 411489----------	7 daughters--	13	6,548	5.2	343
Born, 9-3-39; proved, 9-2-48;----; Iowa.	6 daughters--	12	6,796	5.3	359
Sire, 91693 CJCC; dam, 88763 CJCC.	6 dams-------	22	7,805	4.9	386
Herd Owner, Harry Cline & Sons, West Union.	Difference---	(1-5-2)	-1,009	+.4	-27
BRAMPTON GANGSTER CHANCE 427529----------	5 daughters--	6	8,336	5.1	422
Born, 8-12-40; proved, 9-24-48;----; Utah.	5 dams-------	8	7,202	4.8	349
Sire, 94601 CJCC; dam, 87624 CJCC.	Difference---	(4-4-5)	+1,134	+.3	+73
Herd Owner, Herman C. Nielsen, Salt Lake City.					
BRAMPTON WONDERFUL LIERRE 412099----------	8 daughters--	14	6,716	5.1	341
Born, 5-27-39; proved, 9-2-48;----; Utah.	7 daughters--	12	7,007	5.0	353
Sire, 63542 CJCC; dam, 85060 CJCC.	7 dams-------	33	7,700	5.1	393
Herd Owner, A. A. Shaw, Huntsville.	Difference---	(2-4-1)	-693	-.1	-40
BRIGHTEYES SULTAN 413753----------	7 daughters--	7	8,275	5.1	420
Born, 10-7-38; proved, 9-30-48;----; Oreg.	7 dams-------	17	8,138	5.2	424
Sire, 384284; dam, 1192724.	Difference---	(4-3-4)	+137	-.1	-4
Herd Owner, W. LeRoy Nelson, Yamhill.					
COME SON VOL. SCOTTISH PRINCE 424749----------	17 daughters-	20	7,199	5.0	359
Born, 12-29-39; proved, 9-27-48;----; Oreg.	5 daughters--	6	6,749	5.0	340
Sire, 292917; dam, 1182894.	5 dams-------	5	6,991	4.6	322
Herd Owner, M. E. De Guire, Silverton.	Difference---	(2-5-2)	-242	+.4	+18
DESIGNER SYBIL SURPRISE 431303----------	13 daughters-	17	7,860	5.4	422
Born, 4-17-41; proved, 9-2-48;----; Pa.	13 dams------	67	9,496	5.1	482
Sire, 401928; dam, 1134076.	Difference---	(3-10-3)	-1,636	+.3	-60
Herd Owner, Max Forcey, Woodland.					
D. J. LASSIE'S VICTOR 8TH 359618----------	6 daughters--	24	8,005	5.5	438
Born, 8-17-33; proved, 9-30-48;----; Mass.	5 daughters--	17	7,601	5.4	409
Sire, 300736; dam, 621569.	5 dams-------	24	9,075	5.1	463
Herd Owner, C. B. Stevens, Northfield.	Difference---	(0-4-1)	-1,474	+.3	-54
FAUVIC DELIGHT PRINCE 416484----------	11 daughters-	15	7,629	5.2	397
Born, 1-7-40; proved, 9-21-48;----; Iowa.	10 daughters-	12	7,498	5.2	392
Sire, 381490; dam, 1126455.	10 dams------	36	7,890	5.2	413
Herd Owner, R. C. & Edith Hagerman, Marion.	Difference---	(5-5-4)	-392	.0	-21

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FAUVIC EMPEROR PRINCE 446567----------	6 daughters--	7	5,910	5.4	317
Born, 12-22-36; proved, 9-27-48;----; Mich.	5 daughters--	6	5,804	5.4	314
Sire, 360122; dam, 1389526.	5 dams-------	25	5,628	5.5	309
Herd Owner, Harold E. Stone, Wheeler.	Difference---	(3-2-3)	+176	-.1	+5
FLOSS DUKE MODEL VICTORY 439306----------	6 daughters--	7	6,763	5.1	346
Born, 3-11-42; proved, 9-9-48;----; Vt.	6 dams-------	18	7,770	4.8	370
Sire, 369058; dam, 1098503.	Difference---	(2-6-2)	-1,007	+.3	-24
Herd Owner, E. L. Pierce & Sons, Franklin.					
FLOSS DUKE'S ACE PRINCE 362678----------	16 daughters-	28	6,270	5.6	348
Born, 4-19-34; proved, 9-30-48;----; Pa.	5 daughters--	9	6,595	5.3	350
Sire, 216516; dam, 766584.	5 dams-------	7	8,632	5.6	480
Herd Owner, J. M. Main & Sons, Shippensburg.	Difference---	(1-2-2)	-2,037	-.3	-130
FOREMOST FOREVER DESIRE 412600----------	11 daughters-	19	7,353	5.8	427
Born, 2-15-40; proved, 9-24-48;----; Wis.	10 daughters-	17	7,471	5.8	433
Sire, 374366; dam, 942068.	10 dams------	45	7,123	5.6	399
Herd Owner, Alvin Blank, Grafton.	Difference---	(8-7-8)	+348	+.2	+34
GALEN VOLUNTEER CAPTAIN 415875----------	7 daughters--	13	7,902	5.5	435
Born, 9-16-40; proved, 9-13-48; dead; Wash.	5 daughters--	8	7,200	5.5	395
Sire, 371930; dam, 1156310.	5 dams-------	7	6,772	6.0	408
Herd Owner, Nelson Ulery, Auburn.	Difference---	(3-2-2)	+428	-.5	-13
GAMBOGE BRAMPTON LAD 367240----------	8 daughters--	11	5,830	5.2	306
Born, 2-20-32; proved, 9-27-48;----; Mo.	5 daughters--	7	5,692	5.1	293
Sire, 288701; dam, 905451.	5 dams-------	7	6,026	5.1	309
Herd Owner, W. F. Phares, Maryville.	Difference---	(3-3-3)	-334	.0	-16
GLENBURN DREAMER AIM 420314----------	16 daughters-	28	5,961	5.1	307
Born, 10-26-40; proved, 9-15-48;----; Pa.	13 daughters-	24	6,128	5.1	313
Sire, 385863; dam, 1215326.	13 dams------	47	5,575	5.4	302
Herd Owner, William P. Iverson, Tinicum.	Difference---	(7-5-8)	+553	-.3	+11
G. M. LAD'S MILKMAID'S SON 333488----------	8 daughters--	10	7,456	4.9	369
Born, 2-11-30; proved, 9-30-48;----; Minn.	7 daughters--	9	7,327	5.0	368
Sire, 199672; dam, 488713.	7 dams-------	21	7,942	5.2	410
Herd Owner, George S. Taylor, Forest Lake.	Difference---	(3-3-2)	-615	-.2	-42
HAMILTON BINDLE AIM 404860----------	8 daughters--	10	7,604	5.0	378
Born, 4-12-39; proved, 9-2-48;----; Ohio.	8 dams-------	12	6,571	5.4	352
Sire, P. S. 7189 H. C.; dam, 1215308.	Difference---	(5-2-4)	+1,033	-.4	+26
Herd Owner, Mark A. Thuma, Fredericktown.					
HE'LL DO'S DESIGN 421592----------	7 daughters--	8	5,805	5.3	305
Born, 10-17-40; proved, 9-13-48;----; Vt.	5 daughters--	5	5,619	5.2	294
Sire, 371299; dam, 1103197.	5 dams-------	8	6,383	5.3	337
Herd Owner, Henry M. McAdoo, Woodstock.	Difference---	(1-3-1)	-764	-.1	-43
HILLTOP VOL. FERDINAND 412662----------	7 daughters--	9	8,940	5.6	501
Born, 11-9-38; proved, 9-30-48;----; Wash.	5 daughters--	5	8,709	5.7	500
Sire, 386820; dam, 1120873.	5 dams-------	17	7,077	5.6	399
Herd Owner, Fred A. Wall, Centralia.	Difference---	(4-3-4)	+1,632	+.1	+101
IMP. DOUGHTY OF OAKLANDS 411485----------	7 daughters--	9	7,340	5.6	410
Born, 8-3-38; proved, 9-13-48;----; Ala.	6 daughters--	8	7,215	5.7	408
Sire, P. S. 7003 H. C.; dam, P. S. 45540 H. C.	6 dams-------	7	8,167	5.4	444
Herd Owner, R. B. Kent, Birmingham.	Difference---	(1-5-1)	-952	+.3	-36
INDIAN SPRING ROYAL NOBLE 447077----------	10 daughters-	11	8,234	5.3	437
Born, 2-14-41; proved, 9-16-48; dead; Md.	10 dams------	54	7,096	5.3	374
Sire, 355635; dam, 1057512.	Difference---	(8-4-8)	+1,138	.0	+63
Herd Owner, Indian Spring Farm, Darlington.					
JANET'S ST. MAWES LAD 362628----------	6 daughters--	7	7,859	5.4	427
Born, 11-21-33; proved, 9-30-48;----; Mont.	5 daughters--	6	7,742	5.5	425
Sire, 292715; dam, 832730.	5 dams-------	10	7,459	5.3	395
Herd Owner, H. B. Manley, Bozeman.	Difference---	(3-3-4)	+283	+.2	+30
JEFF RADIOLETTE OWL 439356----------	8 daughters--	8	8,529	5.6	478
Born, 3-13-42; proved, 9-30-48;----; Maine.	8 dams-------	12	8,365	5.0	418
Sire, 407912; dam, 1032227.	Difference---	(3-8-6)	+164	+.6	+60
Herd Owner, W. W. & R. S. Pike, Cornish.					
JOCEDA WISE OWL 433875----------	8 daughters--	12	7,058	5.5	385
Born, 12-29-40; proved, 9-24-48;----; N. J.	8 dams-------	23	6,995	5.4	379
Sire, 383932; dam, 1110448.	Difference---	(5-3-5)	+63	+.1	+6
Herd Owner, Louis M. Kiesling, Bordentown.					
JUDGE OF MARION FARM 431179----------	7 daughters--	8	7,080	5.2	368
Born, 6-20-41; proved, 9-2-48; alive; Mo.	6 daughters--	7	6,935	5.2	361
Sire, 406501; dam, 1187973.	6 dams-------	15	6,012	5.0	298
Herd Owner, Earl Hunziker & Son, Kahoka.	Difference---	(5-5-6)	+923	+.2	+63

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KANSTOCAL CORONATION QUOTA 434015----------	6 daughters--	7	7,108	5.4	382
Born, 8-27-41; proved, 9-2-48; dead; Kans.	6 dams-------	19	6,863	5.4	369
Sire, 354934; dam, 1146157.	Difference---	(3-3-3)	+245	.0	+13
Herd Owner, John Bowyer, Abilene.					
KNOLLWOOD VOLUNTEER 397469----------	8 daughters--	10	6,279	5.5	345
Born, 10-7-38; proved, 9-13-48; alive; Ind.	7 daughters--	8	6,205	5.4	338
Sire, 338024; dam, 1113585.	7 dams-------	21	7,930	5.3	420
Herd Owner, Campbell & White, Franklin.	Difference---	(2-4-0)	-1,725	+.1	-82
L'ALVA TRINITY MAJESTY 420732----------	7 daughters--	7	7,947	5.5	434
Born, 9-12-39; proved, 9-30-48;----; Oreg.	6 daughters--	6	8,358	5.4	451
Sire, 353766; dam, 1086593.	6 dams-------	11	8,439	5.6	474
Herd Owner, Henry Van Calcar, Sumner.	Difference---	(3-1-2)	-81	-.2	-23
LILAC BETTY MICKY 387007----------	5 daughters--	5	9,678	5.5	534
Born, 5-17-37; proved, 9-28-48; alive; Wash.	5 dams-------	14	7,861	5.4	428
Sire, 366458; dam, 882408.	Difference---	(3-4-5)	+1,817	+.1	+106
Herd Owner, Ellen F. Campbell & Samuel Baseel, Deep River.					
LINDELL LOREEN DESIGNER 448304----------	11 daughters-	21	8,332	5.0	415
Born, 9-2-40; proved, 9-27-48;----; Wash.	6 daughters--	9	7,820	5.0	389
Sire, 390842; dam, 1298681.	6 dams-------	14	8,672	5.7	491
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(2-0-1)	-852	-.7	-102
MADCAP DOUBLE VICTOR 443591----------	11 daughters-	11	7,956	5.5	435
Born, 6-9-42; proved, 9-9-48;----; N. Y.	6 daughters--	6	7,883	5.4	423
Sire, 337385; dam, 1242839.	6 dams-------	13	8,033	5.1	413
Used in Broome Co-op. A. B. A.	Difference---	(1-5-2)	-150	+.3	+10
MAJESTIC BEACON OF J. R. 432092----------	6 daughters--	11	10,216	5.1	523
Born, 4-5-41; proved, 9-2-48; alive; Calif.	6 dams-------	35	9,032	5.4	484
Sire, 402747; dam, 1075629.	Difference---	(5-2-5)	+1,184	-.3	+39
Herd Owner, Joaquin Rancho, Acampo.					
MAY-O-MOOSE SENA-TID SOPHIE P. 416239----------	13 daughters-	17	6,309	5.6	355
Born, 2-29-40; proved, 9-27-48; dead; Maine.	7 daughters--	9	6,781	5.7	385
Sire, 342746; dam, 1200953.	7 dams-------	22	7,454	5.3	395
Used in Androscoggin Valley A. B. A.	Difference---	(2-6-2)	-673	+.4	-10
MAZIE MARQUIS OF TOYON 450128----------	14 daughters-	22	8,451	5.5	468
Born, 12-2-39; proved, 9-17-48;----; Calif.	14 dams------	55	7,647	5.2	399
Sire, 385618; dam, 1009061.	Difference---	(9-12-11)	+804	+.3	+69
Herd Owner, Robert Eolls, Ceres.					
NANNIE'S POGIS ACE VICTOR 412449----------	6 daughters--	11	7,687	5.2	400
Born, 1-10-40; proved, 9-24-48;----; Iowa.	6 dams-------	23	8,031	5.5	422
Sire, 302565; dam, 1026925.	Difference---	(3-3-0)	-344	-.3	-22
Herd Owner, W. T. Newman & Son, Stockport.					
NESTOR NOBLETTIE 408991----------	9 daughters--	13	8,061	5.1	414
Born, 8-28-39; proved, 9-21-48;----; Mich.	8 daughters--	12	7,651	5.3	405
Sire, 358936; dam, 961721.	8 dams-------	32	8,064	5.1	415
Herd Owner, Ray Jacobs & Sons, New Lothrop.	Difference---	(3-6-3)	-413	+.2	-10
NOBLEMOST KING 448036----------	5 daughters--	8	6,669	5.2	344
Born, 11-26-40; proved, 9-16-48; dead; N. Y.	5 dams-------	15	7,616	5.1	387
Sire, 380027; dam, 1215968.	Difference---	(2-2-1)	-947	+.1	-43
Herd Owner, G. G. Halladay & Sons, Cassadaga.					
OBSERVER OXFORDIA DUKE 412039----------	11 daughters-	11	7,071	5.3	378
Born, 10-1-39; proved, 9-15-48;----; Ill.	7 daughters--	7	6,663	5.4	363
Sire, 378562; dam, 1016160.	7 dams-------	10	8,221	5.2	428
Herd Owner, Robert Stiff, Dundas.	Difference---	(3-6-3)	-1,558	+.2	-65
OXFORDIA'S RIGHT ROYAL 413268----------	6 daughters--	9	6,670	5.5	366
Born, 6-24-40; proved, 9-2-48;----; Vt.	5 daughters--	8	7,089	5.4	382
Sire, 377243; dam, 1075400.	5 dams-------	19	7,664	5.3	407
Herd Owner, C. J. Maxham, Woodstock.	Difference---	(1-3-2)	-575	+.1	-25
PILGRIM PRIDE O'SIBLEY FARMS 428498----------	14 daughters-	16	7,071	5.2	365
Born, 10-9-41; proved, 9-27-48; dead; Va.	14 dams------	25	8,540	5.3	450
Sire, 394006; dam, 1243214.	Difference---	(3-6-2)	-1,469	-.1	-85
Herd Owner, Cleveland Dairy Farm, Orange.					
PIXY OWLISH CHIEF 412921----------	11 daughters-	12	7,909	5.2	412
Born, 3-10-40; proved, 9-15-48;----; Wis.	5 daughters--	5	8,450	5.2	441
Sire, 395176; dam, 1200982.	5 dams-------	18	7,125	5.4	386
Herd Owner, Ervin Scribner, Comstock.	Difference---	(5-3-3)	+1,325	-.2	+55
POPPY YOU'LL DO OBSERVER 397212----------	11 daughters-	12	7,743	5.2	402
Born, 3-28-38; proved, 9-13-48; alive; Tex.	7 daughters--	8	7,966	5.1	404
Sire, 357974; dam, 1013755.	7 dams-------	13	7,972	4.9	388
Herd Owner, F. & M. Jersey Ranch Dairy, Houston.	Difference---	(3-4-5)	-6	+.2	+16

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PRINCE MERCER 363235	14 daughters-	29	8,509	5.5	464
Born, 4-23-30; proved, 9-20-48;---; Wash.	8 daughters--	16	8,771	5.3	468
Sire, 289774; dam, 791843.	8 dams-------	15	9,305	5.2	485
Herd Owner, Coral Coon, Sequim.	Difference---	(2-6-3)	-534	+.1	-17
PROGRESS OWL COMBINE KING 43[illegible]	10 daughters-	15	7,876	5.2	406
Born, 11-12-40; proved, 9-27-48;---; Maine.	10 dams------	49	7,911	5.4	429
Sire, 251842; dam, 1142392.	Difference---	(5-4-3)	-35	-.2	-23
Herd Owner, Fred S. Blanchard & Son, Cumberland Center.					
PROSPECTOR 403258	15 daughters-	17	7,359	5.6	413
Born, 12-16-38; proved, 9-8-48; dead; Maine.	14 daughters-	15	7,579	5.7	430
Sire, 365924; dam, 1117160.	15 dams------	42	9,016	5.0	451
Used in Maine Co-op. A. B. A.	Difference---	(3-13-6)	-1,437	+.7	-21
QUINBY XENIA POTENTATE 411537	12 daughters-	15	6,460	5.6	364
Born, 11-18-39; proved, 9-3-48;----; N. Y.	10 daughters-	13	6,629	5.7	379
Sire, 405881; dam, 1091327.	10 dams------	28	8,244	5.2	425
Herd Owner, Francis W. Drake, Orwell.	Difference---	(3-10-4)	-1,615	+.5	-46
REMUS AIM CREST 431023	9 daughters--	12	8,133	5.2	426
Born, 12-19-41; proved, 9-13-48; dead; N. Y.	7 daughters--	10	8,136	5.2	426
Sire, 410954; dam, 1183669.	7 dams-------	27	8,497	5.2	438
Herd Owner, Heathcote Farm, Amenia.	Difference---	(2-4-3)	-361	.0	-12
RINGLEADER OF MAPLEDALE 377949	8 daughters--	10	6,976	5.1	357
Born, 11-26-35; proved, 9-27-48; dead; Vt.	5 daughters--	7	7,319	5.1	373
Sire, 347725; dam, 904746.	5 dams-------	18	6,136	4.9	301
Herd Owner, Lewis W. English, Woodstock.	Difference---	(4-4-3)	+1,183	+.2	+72
ROWEHOME JOYFUL PRINCE 377903	7 daughters--	11	6,397	5.3	340
Born, 8-20-35; proved, 9-30-48;----; Maine.	6 daughters--	9	6,261	5.5	342
Sire, 354399; dam, 855905.	6 dams-------	13	5,273	4.6	242
Herd Owner, Carl C. Wood, Skowhegan.	Difference---	(5-6-5)	+988	+.9	+100
ROYAL DAIRYLIKE DESIGN 408411	12 daughters-	22	6,278	5.0	315
Born, 3-30-39; proved, 9-3-48; dead; Nebr.	10 daughters-	17	5,981	5.0	298
Sire, 354680; dam, 979692.	10 dams------	27	7,729	4.7	365
Herd Owner, Walnut Springs Farm, Lincoln.	Difference---	(2-6-2)	-1,748	+.3	-67
SOPHIA'S VOLUNTEER COUNT 428517	12 daughters-	19	8,671	6.3	545
Born, 5-12-41; proved, 9-24-48;----; Wash.	10 daughters-	15	8,350	6.4	533
Sire, 371471; dam, 1043679.	10 dams------	29	8,120	6.3	515
Herd Owner, J. J. Eason, Bellingham.	Difference---	(6-5-6)	+230	+.1	+18
STANDARD FOREMOST PHIL 415442	6 daughters--	6	6,848	5.4	370
Born, 12-8-39; proved, 9-2-48;----; Ill.	5 daughters--	5	6,701	5.3	355
Sire, 331755; dam, 977827.	5 dams-------	7	8,616	5.2	451
Herd Owner, Oscar N. Stinson, Eldorado.	Difference---	(0-3-0)	-1,915	+.1	-96
SULTANE'S FRANCHISE 410730	12 daughters-	22	7,245	5.5	398
Born, 8-15-39; proved, 9-2-48;----; Mo.	6 daughters--	11	7,525	5.4	404
Sire, 399955; dam, 1222667.	6 dams-------	13	9,007	4.6	414
Herd Owner, Cedar Hill Farm, St. Joseph.	Difference---	(1-6-3)	-1,482	+.8	-10
SUNBRIAR LADDIE 366707	5 daughters--	8	4,723	5.6	266
Born, 8-20-34; proved, 9-27-48;----; Va.	5 dams-------	6	5,824	5.4	312
Sire, 300760; dam, 992656.	Difference---	(1-4-2)	-1,101	+.2	-46
Herd Owner, Cleveland Dairy Farm, Orange.					
SYBIL BARONET FAVUIC LAD 396767	8 daughters--	12	8,041	5.2	416
Born, 12-31-38; proved, 9-14-48;----; Minn.	6 daughters--	10	7,616	5.1	388
Sire, 305849; dam, 1122207.	6 dams-------	17	7,774	5.1	397
Herd Owner, George S. Taylor, Forest Lake.	Difference---	(2-3-2)	-158	.0	-9
SYBIL BARONET NOBLE 398330	10 daughters-	11	6,612	5.3	352
Born, 6-19-38; proved, 9-14-48; dead; Minn.	6 daughters--	7	6,992	5.3	371
Sire, 305849; dam, 1077039.	6 dams-------	14	7,435	5.0	372
Herd Owner, Branham Brothers, Park Rapids.	Difference---	(3-5-3)	-443	+.3	-1
SYBIL FORWARD MICKEY 433465	6 daughters--	6	8,135	5.5	446
Born, 12-7-41; proved, 9-3-48;----; Wash.	6 dams-------	23	9,605	5.4	519
Sire, 368703; dam, 1283443.	Difference---	(1-3-1)	-1,470	+.1	-73
Herd Owner, E. F. Roberts, Sunnyside.					
SYBIL'S JOYFUL SUCCESSOR 370847	5 daughters--	11	8,746	5.5	481
Born, 7-28-35; proved, 9-30-48;----; Ill.	5 dams-------	16	7,444	4.9	367
Sire, 285934; dam, 1015748.	Difference---	(4-5-4)	+1,302	+.6	+114
Herd Owner, R. V. McKee & Son, Varna.					
THOMAS IT X STANDARD 445850	9 daughters--	9	8,158	5.1	413
Born, 10-5-42; proved, 9-30-48;----; Iowa.	8 daughters--	8	8,211	5.1	422
Sire, 385924; dam, 1156338.	8 dams-------	20	7,085	5.6	394
Herd Owner, Carroll Andrews & Son, Marshalltown.	Difference---	(6-3-5)	+1,126	-.5	+28

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
THORNDALE VICTOR LAD 389062----------	8 daughters--	10	6,724	4.7	315
Born, 4-11-36; proved, 9-28-48;----; Wis.	6 daughters--	8	6,335	4.7	295
Sire, 323273; dam, 1167411.	6 dams-------	18	6,788	5.2	350
Herd Owner, Herman A. Stuckmann, Plymouth.	Difference---	(3-1-1)	-453	-.5	-55
TITAN LILAC SUCCESS 431199----------	6 daughters--	9	7,276	5.2	381
Born, 12-10-41; proved, 9-21-48; dead; N. Y.	6 dams-------	17	6,338	6.1	386
Sire, 311360; dam, 1242122.	Difference---	(5-2-2)	+938	-.9	-5
Herd Owner, Harry R. Sanford, Savona.					
TWOSPOT'S NOBLE LAD 416563----------	10 daughters-	16	6,991	5.5	387
Born, 10-8-39; proved, 9-10-48; dead; Mo.	8 daughters--	13	7,309	5.5	399
Sire, 377965; dam, 958867.	8 dams-------	13	7,361	5.3	390
Herd Owner, Paul & George Estes, Clever.	Difference---	(4-6-6)	-52	+.2	+9
VOLUNTEER STANDARD CHIEF 435617----------	11 daughters-	16	8,509	4.9	414
Born, 11-24-41; proved, 9-27-48; alive; Idaho.	10 daughters-	14	8,456	4.8	408
Sire, 365924; dam, 1079069.	10 dams------	24	9,038	5.1	462
Herd Owner, Everett S. Pease, Parma.	Difference---	(5-5-3)	-582	-.3	-54
WONDERFUL SNOWMAN 379009----------	11 daughters-	14	6,843	5.2	358
Born, 4-30-35; proved, 9-27-48; alive; W. Va.	8 daughters--	10	6,947	5.2	359
Sire, [illegible]; dam, 941016.	8 dams-------	24	6,830	5.4	370
Herd Owner, Ray F. Poling, Buckhannon.	Difference---	(3-2-4)	+117	-.2	-11
WORLD DESIGN 433856----------	10 daughters-	15	8,434	5.3	448
Born, 9-25-41; proved, 9-17-48;----; Mich.	6 daughters--	9	8,333	5.1	424
Sire, 101251 CJCC; dam, 1326114.	6 dams-------	13	7,567	5.5	414
Herd Owner, William D. Boonstra, Grand Rapids.	Difference---	(4-1-3)	+766	-.4	+10
XENIA SULTAN SAM 362545----------	15 daughters-	21	5,154	5.3	273
Born, 12-4-33; proved, 9-30-48;----; Ark.	5 daughters--	7	5,039	5.4	273
Sire, 306851; dam, 857341.	5 dams-------	6	5,457	5.8	314
Herd Owner, Mrs. Mary Bennett, Paris.	Difference---	(2-2-2)	-418	-.4	-41
21*99310 (BANGS OR TB EARTAG)----------	9 daughters--	10	7,409	5.2	388
Born, ----; proved, 9-13-48; dead; N. Y.	8 daughters--	9	7,543	5.2	390
Sire, ----; dam, ----.	8 dams-------	35	5,432	4.9	266
Herd Owner, Edward L. Nichols, South Kortright.	Difference---	(7-7-8)	+2,111	+.3	+124

SHORTHORN SIRES

LUCY'S CLAY DUKE 2101489----------	5 daughters--	5	8,441	3.8	317
Born, 4-12-41; proved, 9-15-48; dead; Kans.	5 dams-------	9	6,524	4.1	266
Sire, 1818700; dam, 1830105.	Difference---	(5-0-4)	+1,917	-.3	+51
Herd Owner, Charlie Hienze, Wilson.					
OLDTOWN BANDIT 1922501----------	16 daughters-	32	6,307	3.9	248
Born, 9-24-37; proved, 9-3-48; dead; W. Va.	5 daughters--	12	6,285	3.8	238
Sire, 1048103; dam, 1687931.	5 dams-------	7	7,817	4.1	317
Herd Owner, C. C. Lewis, Point Pleasant.	Difference---	(2-2-0)	-1,532	-.3	-79

AMERICAN DAIRY CATTLE CLUB SIRES

WAVENEY FARM COLONEL 428----------	6 daughters--	7	9,678	4.0	390
Born, 12-2-41; proved, 9-9-48;----; Mass.	6 dams-------	26	11,016	4.3	470
Sire, 12; dam, 650.	Difference---	(3-1-2)	-1,338	-.3	-80
Herd Owner, Waveney Farm, Framingham.					

HUFF JOHANNA WAYNE 951
(This sire is also a registered Holstein "Huff Johanna Wayne 837450." Proved Sire data included in Holstein listing.)

IDYLBROOK EUREKA 510
(This sire is also a registered Guernsey "Idylbrook Eureka 322660." Proved Sire data included in Guernsey listing.)

ORMSBY SEGIS HOMESTEAD MARCUS 1193
(This sire is also a registered Holstein "Ormsby Segis Homestead Marcus 772140." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 24, No. 11

November 1948

New Film Strips Available on Proved-Sire Families

New film strips are now available on Ayrshire, Brown Swiss, and Jersey DHIA proved-sire families.

In an effort to make available for general use all DHIA proved-sire data that have been recorded and compiled, the Bureau of Dairy Industry has prepared film strips in diagram form to show the genealogical or family-tree record of each sire proved in dairy-herd-improvement associations.

The diagrams include all the production records that have been reported and provide the necessary data for preparing a three-generation production pedigree for each proved sire. The film strips are designed especially for use by State extension dairymen, county agents, Smith-Hughes instructors, and others who aid in the conduct of the Nation-wide DHIA Proved-sire Program. The information material in the film strips is particularly useful to dairy extension workers who are engaged in advising dairymen about dairy-cattle breeding programs and in evaluating the breeding worth of individual proved sires and their sons.

The following film strips are now available:

	Price
Ayrshire Cattle Families 1/	$1.00
Brown Swiss Cattle Families 1/	.50
Jersey Cattle Families 1/	2.50
Guernsey Cattle Families 2/	2.50
Holstein Cattle Families 2/	5.00

Requests for these film strips should be made to the Library, U. S. Department of Agriculture, Washington 25, D. C. State clearly exact film or films wanted. Remittance must accompany the request. Make check or money order payable to "Treasurer of the United States."

1/ Includes data on all sires that had been proved up to January 1, 1948 and that are listed in the first 12 printed lists of sires proved in dairy-herd-improvement associations.

2/ Includes data on all sires that had been proved up to January 1, 1946 and that are listed in the first 10 printed lists of sires proved in dairy-herd-improvement associations. A new film strip on Guernsey proved-sire families will be abailable about January 1, 1949, and on Holstein proved-sire families about March 1, 1949.

DHIA PROVED-SIRE RECORDS TABULATED IN OCTOBER 1948

Following is a list of 341 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in October 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST STEP AHEAD (TWIN) 61401	8 daughters--	8	8,872	3.9	350
Born, 3-4-39; proved, 10-27-48;----; Mass.	5 daughters--	5	8,642	4.1	351
Sire, 54577; dam, 199344.	5 dams-------	11	9,041	3.7	335
Herd Owner, Clarence J. & H. A. Howland, New Braintree.	Difference---	(1-5-4)	-399	+.4	+16
BROAD PLACE GRANDE 64989	8 daughters--	12	7,148	4.3	310
Born, 8-2-40; proved, 10-20-48;----; Mass.	8 dams-------	23	7,409	4.3	315
Sire, 55678; dam, 206254.	Difference---	(4-5-6)	-261	.0	-5
Herd Owner, Broad Place Ayrshire Farm, North Amherst.					
CACAPON ADVOCATE (TWIN) 63071	14 daughters-	19	8,055	4.1	333
Born, 11-14-39; proved, 10-8-48; dead; Md.	13 daughters-	18	8,159	4.1	338
Sire, 58118; dam, 86820.	13 dams------	40	8,539	4.2	359
Herd Owner, University of Maryland, College Park.	Difference---	(7-7-7)	-380	-.1	-21
ELMSTONE GOLDEN STAR 59645	16 daughters-	17	9,415	3.9	368
Born, 7-23-38; proved, 10-27-48;----; Pa.	10 daughters-	11	9,651	3.9	378
Sire, 51654; dam, 176255.	10 dams------	20	8,750	4.2	363
Herd Owner, Elmstone Farm, Unit 1, Wyalusing.	Difference---	(7-2-7)	+901	-.3	+15
FILLMORE LEGRAND 66910	7 daughters--	14	7,178	3.9	281
Born, 12-1-40; proved, 10-25-48;----; Vt.	6 daughters--	12	7,231	3.9	283
Sire, 53049; dam, 137692.	6 dams-------	19	7,940	3.9	306
Herd Owner, Walter M. Bryant, Shoreham.	Difference---	(2-4-2)	-709	.0	-23
FOLLY QUARTERS FANCY JEWEL 64914	10 daughters-	17	8,282	4.0	331
Born, 7-21-40; proved, 10-15-48;----; Md.	10 dams------	16	8,650	4.0	342
Sire, 57156; dam, 206242.	Difference---	(6-6-5)	-368	.0	-11
Herd Owner, Monocacy Ayr. Farm, Frederick.					
GLENGARRY SIR BURTON, IMP. 64582	35 daughters-	52	8,008	3.9	311
Born, 10-2-36; proved, 10-25-48;----; Ohio.	16 daughters-	21	8,040	3.9	318
Sire, 52467; dam, 267603.	16 dams------	33	7,508	3.9	293
Herd Owner, Point Valley Stock Farm, Bainbridge.	Difference---	(8-8-9)	+532	.0	+25
MALCOLM OF SUMMER HILL FARM 58911	11 daughters-	17	9,121	4.1	373
Born, 7-18-36; proved, 10-27-48;----; Pa.	5 daughters--	8	9,141	4.2	385
Sire, 45646; dam, 100150.	5 dams-------	17	7,817	3.8	300
Herd Owner, Stone Hollow Farm, Davidsville.	Difference---	(4-5-4)	+1,324	+.4	+85
NESHAMINY PAR PLUS 64830	27 daughters-	29	6,990	4.0	281
Born, 1-11-40; proved, 10-20-48;----; N. Y.	20 daughters-	21	6,798	4.0	273
Sire, 52000; dam, 146981.	20 dams------	32	7,885	3.9	311
Herd Owner, Dan C. Hudson, Fulton.	Difference---	(7-12-7)	-1,087	+.1	-38
OHIO BAR NONE 54974	5 daughters--	15	9,067	4.1	371
Born, 10-21-36; proved, 10-25-48;----; Ohio.	5 dams-------	19	8,478	3.9	330
Sire, 39890; dam, 105653.	Difference---	(3-4-4)	+589	+.2	+41
Herd Owner, E. A. Tyler & Son, Pataskala.					
PAR'S FAIR BOY 57489	8 daughters--	9	9,997	4.1	409
Born, 9-2-37; proved, 10-11-48;----; Ohio.	6 daughters--	7	10,143	4.2	427
Sire, 49293; dam, 156456.	6 dams-------	16	9,198	3.9	362
Herd Owner, R. W. Zieg, Marion.	Difference---	(5-3-5)	+945	+.3	+65
PAR'S SHELIA BOY BLUE 58312	14 daughters-	20	6,453	4.2	348
Born, 1-10-38; proved, 10-12-48;----; Ohio.	8 daughters--	13	8,522	4.3	363
Sire, 49293; dam, 156457.	8 dams-------	16	8,651	4.0	343
Herd Owner, Frederick Zurbugg, Beloit.	Difference---	(4-7-4)	-129	+.3	+20
PENSHURST BAR LEE 58087	9 daughters--	11	7,926	3.8	304
Born, 7-2-37; proved, 10-27-48;----; Mass.	7 daughters--	8	8,366	3.9	323
Sire, 52000; dam, 117389.	7 dams-------	9	8,799	4.1	361
Herd Owner, Castle Hill Farm, Whitinsville.	Difference---	(4-1-3)	-433	-.2	-38
ROSELAWN SNOWBIRD LAD 64670	11 daughters-	12	8,187	4.3	353
Born, 2-11-40; proved, 10-21-48;----; Iowa.	11 dams------	35	8,213	4.1	339
Sire, 53262; dam, 150420.	Difference---	(5-8-5)	-26	+.2	+14
Herd Owner, F. F. Campbell & Sons, Waterloo.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ROSELAWN SUNSHADE LAD 64671	15 daughters-	23	7,692	4.2	320
Born, 2-13-40; proved, 10-12-48; alive; Md.	8 daughters--	10	7,674	4.2	324
Sire, 50792; dam, 177495.	8 dams-------	16	7,165	3.8	275
Used in Maryland Co-op. A. B. A.	Difference---	(6-7-6)	+509	+.4	+49
ST. NICK OF EBENEZER 60580	8 daughters--	14	5,498	4.3	234
Born, 12-16-38; proved, 10-20-48;----; W. Va.	8 dams-------	38	7,589	4.1	311
Sire, 45814; dam, 164523.	Difference---	(2-5-2)	-2,091	+.2	-77
Herd Owner, Sisters of The Good Shepherd, Wheeling.					
SOUTH WOOD XERXES 64818	24 daughters-	40	8,206	4.2	347
Born, 5-30-40; proved, 10-15-48;----; Ohio.	21 daughters-	34	8,199	4.2	348
Sire, 53834; dam, 152595.	21 dams------	44	9,163	4.0	365
Herd Owner, C. Corkwell & T. Conrad, Mt. Sterling.	Difference---	(8-16-9)	-964	+.2	-17
SYCAMORE DYNAMO 62562	11 daughters-	19	9,791	4.2	412
Born, 10-13-39; proved, 10-27-48;----; N. C.	11 dams------	57	9,516	4.1	394
Sire, 35622; dam, 192908.	Difference---	(6-6-5)	+275	+.1	+18
Herd Owner, North Carolina Sanatorium, Sanatorium.					
TIM HIGH STEPPER (TWIN) 50765	8 daughters--	13	7,862	3.8	297
Born, 8-21-34; proved, 10-26-48;----; Ohio.	6 daughters--	10	8,417	3.8	316
Sire, 43043; dam,108127.	6 dams-------	9	9,556	3.8	367
Herd Owner, Frederick Zurbugg, Beloit.	Difference---	(1-2-1)	-1,139	.0	-51
VISTA GRANDE KING'S RED FLASH 63548	12 daughters-	13	9,626	4.0	386
Born, 1-17-40; proved, 10-22-48;----; Vt.	9 daughters--	10	9,429	4.0	380
Sire, 55678; dam, 162814.	9 dams-------	34	9,714	4.0	391
Herd Owner, Rising & Nelson Slate Co., Poultney.	Difference---	(4-5-5)	-285	.0	-11
WHITPAIN HIGHMAN 64315	16 daughters-	19	7,280	3.9	286
Born, 5-14-40; proved, 10-26-48;----; Md.	15 daughters-	18	7,340	3.9	287
Sire, 43060; dam, 183572.	15 dams------	53	6,987	3.9	270
Herd Owner, Clover Burn Farms, Middleburg.	Difference---	(11-9-10)	+353	.0	+17
WOLVERINE FLAG 63012	7 daughters--	7	8,569	4.0	340
Born, 12-1-38; proved, 10-21-48;----; Mich.	6 daughters--	6	8,698	4.0	347
Sire, 53442; dam, 164027.	6 dams-------	9	9,427	3.8	357
Herd Owner, Robert Eick & Son, Goodrich.	Difference---	(2-5-3)	-729	+.2	-10

BROWN SWISS SIRES

BESS' JACK E. G. 48251	9 daughters--	9	7,006	3.9	275
Born, 4-19-40; proved, 10-14-48;----; W. Va.	9 dams-------	30	8,706	3.8	330
Sire, 37587; dam, 65894.	Difference---	(1-7-2)	-1,700	+.1	-55
Herd Owner, W. Va. Industrial School for Boys, Grafton.					
HAZEL'S CINNAMON OF SPENCER 48657	5 daughters--	7	12,797	3.6	461
Born, 6-14-40; proved, 10-6-48;----; Mich.	5 dams-------	16	9,173	3.8	344
Sire, 29376; dam, 65175.	Difference---	(5-1-5)	+3,624	-.2	+117
Herd Owner, R. B. Gotfredson, Grass Lake.					
NORA'S BUSTER'S KING 54830	6 daughters--	7	10,228	4.0	407
Born, 10-14-41; proved, 10-8-48;----; Iowa.	6 dams-------	10	8,253	4.1	337
Sire, 39595; dam, 78132.	Difference---	(5-2-4)	+1,975	-.1	+70
Herd Owner, G. A. Shultz, Conrad.					
PRIDE'S NEVARD OF SWISSDALE 48649	6 daughters--	9	9,948	4.1	411
Born, 7-11-40; proved, 10-12-48;----; Minn.	5 daughters--	6	9,289	4.3	399
Sire, 23652; dam, 45644.	5 dams-------	10	10,172	4.1	419
Herd Owner, Barrett & Fransen, Fairmont.	Difference---	(1-4-1)	-883	+.2	-20
ROLHILLS ALLEN 50828	5 daughters--	5	10,212	3.4	352
Born, 11-3-40; proved, 10-6-48;----; Ohio.	5 dams-------	9	12,923	3.8	487
Sire, 41156; dam, 51124.	Difference---	(1-1-1)	-2,711	-.4	-135
Herd Owner, Harry Brickner & Son, Harrison.					
SIR FERDINAND TONY 42399	7 daughters--	8	9,798	3.7	[illegible]
Born, 3-17-38; proved, 10-14-48;----; Wis.	5 daughters--	6	9,941	3.7	[illegible]
Sire, 28587; dam, 50282.	5 dams-------	21	9,576	3.7	352
Herd Owner, Dwight Kruel, Fennimore.	Difference---	(3-2-4)	+365	.0	+14

GUERNSEY SIRES

ADELMER'S SARGON DOWNER 272002	18 daughters-	26	8,463	5.1	[illegible]
Born, 3-12-39; proved, 10-20-48;----; Ill.	11 daughters-	16	8,293	5.0	414
Sire, 211402; dam, 384159.	11 dams------	21	6,206	4.9	[illegible]
Herd Owner, Midvale Guernsey Farm, Moline.	Difference---	(9-8-10)	+2,087	+.1	+107

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALLOUEZ SANTA 284042----------	7 daughters--	10	6,178	4.9	300
Born, 12-25-39; proved,10-12-48;----; Wis.	7 dams-------	22	6,888	4.7	327
Sire, 264695; dam, 552126.	Difference---	(2-4-3)	-710	+.2	-27
Herd Owner, Ellison J. Smith, Green Bay.					
ANIMATION'S COURAGEOUS OF E. C. 191867----------	12 daughters-	20	7,036	5.0	349
Born, 1-26-31; proved, 10-20-48;----; Va.	10 daughters-	17	7,106	5.0	353
Sire, 81810; dam, 226333.	10 dams------	33	8,951	4.8	429
Herd Owner, Endless Caverns, Inc., New Market.	Difference---	(0-5-2)	-1,845	+.2	-76
ARETHUSA'S GEM OF FAWN HEIGHTS 198655----------	8 daughters--	39	7,373	4.8	357
Born, 2-22-29; proved, 10-5-48; dead; Md.	8 dams-------	24	7,207	4.5	327
Sire, 85722; dam, 207394.	Difference---	(5-5-5)	+166	+.3	+30
Herd Owner, J. Wilbur Snyder, Pylesville.					
ARGILLA BELL BOY 281406----------	14 daughters-	21	7,120	4.9	345
Born, 8-9-39; proved, 10-7-48; alive; Maine.	9 daughters--	12	7,468	4.9	368
Sire, 203950; dam, 276768.	9 dams-------	30	7,069	4.9	347
Herd Owner, Tamworth Farms, Blue Hill.	Difference---	(6-4-5)	+399	.0	+21
AUER VIOLET'S MODEL 230189----------	17 daughters-	35	8,796	4.5	395
Born, 9-20-34; proved, 10-14-48;----; Conn.	7 daughters--	16	7,662	4.5	345
Sire, 169045; dam, 456483.	7 dams-------	8	8,395	4.4	373
Used in Litchfield Co. A. B. A.	Difference---	(4-4-4)	-733	+.1	-28
BENBROOK BARON 211665----------	6 daughters--	8	9,865	4.3	424
Born, 5-7-41; proved, 10-14-48;----; Utah.	6 dams-------	17	8,881	4.3	380
Sire, 275958; dam, 594283.	Difference---	(5-4-4)	+984	.0	+44
Herd Owner, Ben Lomond Farms, Ogden.					
BESSIE'S MASHER 224450----------	5 daughters--	12	10,577	4.7	493
Born, 11-18-34; proved, 10-5-48;----; Minn.	5 dams-------	9	7,263	4.6	337
Sire, 123861; dam, 383714.	Difference---	(5-3-5)	+3,314	+.1	+156
Herd Owner, W. R. & C. N. Adams & Sons, Mankato.					
BIRCHFIELD RELIABLE 224338----------	22 daughters-	67	6,814	4.8	324
Born, 12-26-34; proved, 10-20-48;----; Minn.	7 daughters--	8	6,799	5.0	340
Sire, 205129; dam, 312612.	7 dams-------	13	5,402	4.6	251
Herd Owner, Hanks Brothers, Winnebago.	Difference---	(3-6-5)	+1,397	+.4	+89
BONNEVILLE LEVITATION 314637----------	8 daughters--	15	8,851	5.1	450
Born, 6-5-41; proved, 10-8-48;----; Wash.	8 dams-------	27	8,780	4.8	425
Sire, 280963; dam, 519949.	Difference---	(3-6-4)	+71	+.3	+25
Herd Owner, Bonneville Dairy, Yakima.					
BOULDER BRIDGE CAPTAIN 283095----------	6 daughters--	6	10,054	4.5	456
Born, 8-7-39; proved, 10-12-48;----; Idaho.	5 daughters--	5	10,745	4.5	483
Sire, 262343; dam, 481051.	5 dams-------	10	8,115	4.6	371
Herd Owner, Clarence H. Boyd, Wendell.	Difference---	(5-3-5)	+2,630	-.1	+112
BOURNEDALE CHIEFTAIN 174538----------	23 daughters-	59	7,300	4.9	360
Born, 7-29-29; proved, 10-12-48;----; Conn.	19 daughters-	48	7,361	4.9	360
Sire, 146164; dam, 235845.	19 dams------	46	9,079	4.6	417
Herd Owner, Golden Harvest Farms, Bridgewater.	Difference---	(4-14-5)	-1,718	+.3	-57
BROADWATER TUMBLE 320814----------	8 daughters--	8	9,771	4.7	457
Born, 5-25-42; proved, 10-27-48;----; Md.	7 daughters--	7	9,959	4.7	468
Sire, 277346; dam, 434304.	7 dams-------	14	8,373	5.0	417
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(5-2-4)	+1,586	-.3	+51
BROOK FARM BEECHWOOD 310513----------	11 daughters-	12	8,320	5.1	423
Born, 9-11-41; proved, 10-11-48;----; Pa.	7 daughters--	8	8,053	5.1	408
Sire, 244286; dam, 525333.	7 dams-------	20	6,330	4.7	300
Herd Owner, James H. Hackenberry, Slippery Rock.	Difference---	(6-6-6)	+1,723	+.4	+108
CAMPUS MEADOW STEADFAST 308839----------	5 daughters--	7	8,409	4.5	375
Born, 10-21-41; proved, 10-12-48;----; Ohio.	5 dams-------	14	8,582	4.9	421
Sire, 259492; dam, 624517.	Difference---	(3-1-1)	-173	-.4	-46
Herd Owner, Homer Frahm, Celina.					
CAROLINE'S KING 216520----------	22 daughters-	46	9,529	4.7	452
Born, 3-4-33; proved, 10-20-48;----; Md.	5 daughters--	11	8,681	4.9	422
Sire, 140236; dam, 256119.	5 dams-------	9	8,150	5.1	417
Herd Owner, Mt. Ararat Farms, Port Deposit.	Difference---	(4-1-3)	+531	-.2	+5
CATOCTIN GLENWOOD'S PRIDE 280706----------	12 daughters-	21	6,825	5.0	339
Born, 6-29-39; proved, 10-5-48; dead; Md.	9 daughters--	14	6,844	5.0	342
Sire, 208949; dam, 449059.	9 dams-------	23	7,225	4.5	323
Herd Owner, Howard L. & Clara M. Metzger, Myersville.	Difference---	(4-8-4)	-381	+.5	+19
CAUMSETT JESTER 298845----------	14 daughters-	15	8,929	5.1	454
Born, 5-30-40; proved, 10-20-48;----; Pa.	12 daughters-	13	9,392	5.1	483
Sire, 204888; dam, 568315.	12 dams------	38	7,385	5.3	389
Herd Owner, E. H. Bailey & Sons, Oxford.	Difference---	(12-5-11)	+2,007	-.2	+94

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CHICONA LEONIDAS 314222	10 daughters-	13	9,115	5.0	454
Born, 5-23-41; proved, 10-20-48;----; Wash.	9 daughters--	12	9,104	5.0	455
Sire, 279460; dam, 573302.	9 dams-------	31	9,163	4.8	442
Herd Owner, Meyer Brothers, Olympia.	Difference---	(5-7-5)	-59	+.2	+13
CHICONA PERRYTON 309254	10 daughters-	12	8,632	4.8	416
Born, 6-9-41; proved, 10-22-48;----; Wash.	7 daughters--	9	8,678	4.8	420
Sire, 231075; dam, 415201.	7 dams-------	18	7,087	5.1	364
Herd Owner, A. L. Gile, Chinook.	Difference---	(5-1-6)	+1,591	-.3	+56
CLARIBEL'S HARVESTER 263441	6 daughters--	9	7,197	5.3	380
Born, 2-7-38; proved, 10-26-48;----; Wis.	6 dams-------	26	7,484	4.7	353
Sire, 216762; dam, 430597.	Difference---	(4-5-4)	-287	+.6	+27
Herd Owner, C. E. Beck, Owen.					
CORONATION CONCENTRATE 257582 *12	13 daughters-	31	8,707	4.9	428
Born, 9-14-37; proved, 10-20-48;----; Ill.	12 daughters-	29	8,690	4.9	428
Sire, 238549; dam, 217437.	12 dams------	38	8,971	5.2	463
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).	Difference---	(5-4-2)	-281	-.3	-35
CURLES NECK VALOR PRINCE 282584	5 daughters--	6	7,122	5.4	385
Born, 8-29-39; proved, 10-13-48;----; Va.	5 dams-------	25	6,915	4.8	335
Sire, 223892; dam, 248209.	Difference---	(3-5-4)	+207	+.6	+50
Herd Owner, Curles Neck Farm, Richmond.					
DICTA MONARCH 287645	12 daughters-	24	8,476	4.7	401
Born, 4-5-39; proved, 10-27-48;----; Md.	8 daughters--	16	8,703	4.7	411
Sire, 167470; dam, 263743.	8 dams-------	23	7,885	4.7	371
Herd Owner, G. C. Umbarger & Son, Aberdeen.	Difference---	(4-6-4)	+818	.0	+40
DOCTOR ALBERT OF STREVERLING 286750	12 daughters-	25	7,241	4.8	346
Born, 12-17-39; proved, 10-26-48;----; Minn.	7 daughters--	13	7,535	4.8	365
Sire, 229215; dam, 547072.	7 dams-------	16	6,658	4.6	305
Herd Owner, Stanley H. Webb, Medford.	Difference---	(6-6-6)	+877	+.2	+60
DOLLY'S BOB OF PEPIN COUNTY 275197	6 daughters--	6	8,402	4.7	397
Born, 1-25-38; proved, 10-5-48;----; Wis.	6 dams-------	7	7,275	4.8	352
Sire, 210537; dam, 515040.	Difference---	(5-3-6)	+1,127	-.1	+45
Herd Owner, Fred Bischoff, Osseo.					
DOROTHY'S TOKEN LAD 235233	10 daughters-	23	9,895	4.8	472
Born, 3-20-35; proved, 10-12-48;----; Wash.	6 daughters--	13	9,930	4.7	466
Sire, 122321; dam, 227969.	6 dams-------	17	11,432	4.1	469
Herd Owner, Lyle Lord, Yelm.	Difference---	(1-6-4)	-1,502	+.6	-3
EDEN HILL SPLENDOR 247762	10 daughters-	15	8,123	4.7	364
Born, 1-27-37; proved, 10-6-48;----; Wis.	7 daughters--	11	7,461	4.5	338
Sire, 193835; dam, 259983.	7 dams-------	14	9,291	4.5	418
Herd Owner, Edward Zirk, Kendall.	Difference---	(2-4-0)	-1,830	.0	-80
ELLEN'S BOY OF PINE BROOK FARM 263995	9 daughters--	10	6,752	4.8	324
Born, 3-26-38; proved, 10-15-48;----; Pa.	7 daughters--	8	6,815	4.8	328
Sire, 209799; dam, 455750.	7 dams-------	24	7,274	4.8	351
Herd Owner, G. G. Grieb & Sons, Tylersville.	Difference---	(3-3-3)	-459	.0	-23
FAIRLAWN COMMENTATOR 266749	11 daughters-	15	8,239	5.0	409
Born, 10-31-38; proved, 10-20-48;----; N. J.	6 daughters--	7	8,235	5.0	411
Sire, 189962; dam, 460515.	6 dams-------	20	8,817	4.8	427
Herd Owner, George G. Aaronson, Columbus.	Difference---	(2-4-2)	-582	+.2	-16
FAIRVIEW'S BORDER BANDIT 295685	8 daughters--	10	7,753	4.5	351
Born, 9-8-40; proved, 10-14-48;----; Md.	5 daughters--	6	8,356	4.5	374
Sire, 256309; dam, 463716.	5 dams-------	6	7,987	4.4	351
Herd Owner, Carroll Shortall, Cordova.	Difference---	(4-3-3)	+369	+.1	+23
FAITH'S GENERAL OF OAK GROVE 310286	11 daughters-	15	8,831	4.9	436
Born, 6-15-41; proved, 10-12-48;----; Pa.	9 daughters--	13	8,618	5.0	431
Sire, 180880; dam, 411616.	9 dams-------	33	8,783	4.9	427
Herd Owner, Kenneth Shook, Sligo.	Difference---	(4-5-4)	-165	+.1	+4
FALL BLOSSOM'S MORNING STAR 310620	13 daughters-	17	8,831	5.1	451
Born, 7-12-41; proved, 10-11-48;----; Pa.	6 daughters--	7	8,888	5.2	459
Sire, 277296; dam, 686275.	6 dams-------	30	8,416	4.9	415
Herd Owner, Ernst Fetyer, New Hope.	Difference---	(5-4-5)	+472	+.3	+44
FERN'S ROGER OF OWEN'S PLACE 196070	16 daughters-	24	7,843	5.4	423
Born, 4-23-30; proved, 10-5-48;----; Ind.	10 daughters-	13	7,939	5.3	424
Sire, 110034; dam, 232094.	10 dams------	22	8,219	4.9	401
Herd Owner, A. A. Sheetz, Bremen.	Difference---	(5-9-8)	-280	+.4	+23
FOREMOST GOLD BOND 257353	15 daughters-	29	7,847	5.1	371
Born, 11-15-37; proved, 10-27-48;----; Pa.	9 daughters--	15	7,143	4.9	350
Sire, 182562; dam, 389720.	9 dams-------	21	7,567	4.6	350
Herd Owner, Warner's Boroside Farms, Red Lion.	Difference---	(4-8-4)	-424	+.3	0

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FOREMOST ROYAL COMBINATION 314940----------	9 daughters--	13	7,885	4.8	377
Born, 8-9-41; proved, 10-11-48;----; Md.	7 daughters--	10	8,300	4.8	399
Sire, 229913; dam, 378855.	7 dams-------	15	6,789	4.9	334
Herd Owner, Charles F. Smith, Jr., Union Bridge.	Difference---	(6-3-6)	+1,511	-.1	+65
FOX'S ALERT OF WAUKESHA 303019----------	19 daughters-	27	7,622	4.5	346
Born, 1-15-41; proved, 10-14-48;----; Wis.	19 dams------	53	6,941	4.7	327
Sire, 268653; dam, 557262.	Difference---	(16-4-14)	+681	-.2	+19
Herd Owner,Fox's Guernsey Dairy, Waukesha.					
GAY BOY'S GOVERNOR OF FULTON 291724----------	7 daughters--	16	9,270	5.2	483
Born, 12-31-39; proved, 10-14-48; alive; Md.	6 daughters--	14	9,572	5.2	496
Sire, 190897; dam, 231422.	6 dams-------	13	8,228	5.0	409
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(6-4-6)	+1,344	+.2	+87
GLENBURNIE OF ROSE LANE 317002----------	9 daughters--	10	9,632	4.8	463
Born, 4-22-41; proved, 10-26-48;----; N. J.	7 daughters--	7	9,762	4.8	464
Sire, 252571; dam, 238419.	7 dams-------	21	9,825	4.8	476
Herd Owner, T. P. Reed & Son, Pennington.	Difference---	(4-2-3)	-63	.0	-12
GOLDEN HARVEST VALIANT 316079----------	7 daughters--	9	8,064	4.8	388
Born, 10-5-40; proved, 10-6-48;----; Conn.	7 dams-------	20	7,920	5.0	396
Sire, 200316; dam, 421608.	Difference---	(5-2-5)	+144	-.2	-8
Herd Owner, Golden Harvest Farm, Bridgewater.					
GOLD KING'S EDEN KING 223583----------	6 daughters--	13	7,366	4.3	316
Born, 1-9-34; proved, 10-12-48;----; Wis.	5 daughters--	11	7,371	4.4	322
Sire, 154873; dam, 206941.	5 dams-------	10	7,190	4.4	318
Herd Owner, Beirne Brothers, Eden.	Difference---	(4-2-3)	+181	.0	+4
GOOSE VALLEY LADDIE 306512----------	7 daughters--	7	9,131	5.3	486
Born, 4-24-41; proved, 10-11-48;----; Pa.	7 dams-------	32	8,891	5.0	445
Sire, 236861; dam, 410948.	Difference---	(4-5-5)	+240	+.3	+41
Used in Clarion Co. A. B. A.					
GUSANNA'S LAD 308865----------	9 daughters--	11	8,471	4.8	410
Born, 5-30-41; proved, 10-12-48;----; Wis.	9 dams-------	34	7,842	4.9	385
Sire, 265922; dam, 349316.	Difference---	(6-4-6)	+629	-.1	+25
Herd Owner, Julius Clausing Estate, Grafton.					
HEBE'S FOREMOST ACTOR 280068----------	11 daughters-	13	7,933	4.7	371
Born, 11-3-39; proved, 10-7-48;----; Kans.	8 daughters--	9	7,951	4.7	372
Sire, 128093; dam, 458127.	8 dams-------	19	6,986	4.7	328
Herd Owner, C. E. Norrie, Sabetha.	Difference---	(5-4-6)	+965	.0	+44
HERSHEY LONGWOOD LADDIE 255811----------	10 daughters-	24	6,986	4.5	315
Born, 9-11-37; proved, 10-15-48;----; Pa.	5 daughters--	10	7,480	4.3	322
Sire, 202065; dam, 430107.	5 dams-------	18	9,393	4.5	422
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(0-2-0)	-1,913	-.2	-100
HEWESHURST ULTRA LEWIS 290627----------	12 daughters-	14	8,151	5.4	442
Born, 2-8-40; proved, 10-8-48; dead; N. Y.	11 daughters-	13	8,211	5.4	443
Sire, 212017; dam, 363078.	11 dams------	42	8,034	5.1	408
Herd Owner, Walter T. Ryder & Son, Fredonia.	Difference---	(6-9-8)	+177	+.3	+35
HOMEWARD QUO VADIS 296414----------	6 daughters--	10	9,259	4.9	453
Born, 8-4-40; proved, 10-12-48; dead; Mich.	6 dams-------	8	7,517	4.5	340
Sire, 257936; dam, 260158.	Difference---	(5-5-6)	+1,742	+.4	+113
Herd Owner, Joe Patterson & Son, Reed City.					
HUNTINGDALE RHETT BUTLER 298425----------	8 daughters--	8	7,017	4.7	331
Born, 11-12-40; proved, 10-27-48;----; Ill.	5 daughters--	5	7,309	4.8	349
Sire, 261947; dam, 582531.	5 dams-------	5	6,419	5.7	366
Herd Owner, Walter Horn,Lincoln.	Difference---	(4-0-2)	+890	-.9	-17
GREEN MEADS COUNTY VALIANT 288160----------	5 daughters--	6	7,037	4.8	336
Born, 1-11-40; proved, 10-14-48;----; Minn.	5 dams-------	13	5,952	4.9	289
Sire, 216866; dam, 449472.	Difference---	(3-2-3)	+1,085	-.1	+47
Herd Owner, Victor E. Geistfeld, Lewisville.					
GUNSIGHT CHIEF 292399----------	7 daughters--	11	6,295	4.7	294
Born, 4-20-40; proved, 10-20-48;----; Conn.	5 daughters--	8	6,286	4.6	292
Sire, 219338; dam, 346009.	5 dams-------	15	7,847	4.7	370
Herd Owner, The Lyman Farm, Middlefield.	Difference---	(0-3-0)	-1,561	-.1	-78
HOMEWOOD ROLAND'S SAMPSON 330177----------	6 daughters--	7	6,814	4.9	333
Born, 1-24-42; proved, 10-25-48;----; Wis.	6 dams-------	27	7,837	4.9	383
Sire, 234813; dam, 531579.	Difference---	(2-4-1)	-1,023	.0	-50
Herd Owner, Olson Brothers, Ogema.					
HOPE'S CZAR OF ROSEDALE 29[illegible]549----------	10 daughters-	11	8,449	4.7	394
[illegible]r, [illegible]-[illegible]-40; proved, 10-[illegible]-48;----; Iowa.	7 daughters--	8	8,580	4.7	399
[illegible], [illegible]; dam, [illegible]	7 dams-------	15	8,620	4.9	426
Herd Owner, Burk & McCain, Rippey.	Difference---	(4-2-1)	-40	-.2	-27

GUERNSEY SIRES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Number	[illegible]	Pounds	[illegible]	[illegible]
IRIS'S GOVERNOR OF STEDE WELL [illegible]	[illegible] daughters--	5	6,890	[illegible]	[illegible]
Born, 11-[illegible]-34; proved, [illegible]; ----; Iowa.	[illegible] dams-------	6	[illegible]	4.9	331
Sire, [illegible]; dam, [illegible].	Difference---	(2-5-2)	[illegible]	+.1	+13
Herd Owner, Carroll Eada, Preston.					
JASON'S HORATIUS 320581	7 daughters--	9	[illegible]	4.6	291
Born, 5-24-40; proved, 10-6-48; ----; Conn.	7 dams-------	28	7,142	4.8	342
Sire, 202418; dam, 386168.	Difference---	(2-2-2)	-837	-.2	-51
Herd Owner, Thames Crest Farm, North Stonington.					
JOMADO'S BEAU GESTE 261455	11 daughters-	14	5,414	4.9	267
Born, 3-18-38; proved, 10-27-48; ----; Va.	11 dams------	33	6,551	5.0	331
Sire, 130445; dam, 256497.	Difference---	(4-4-4)	-1,137	-.1	-64
Herd Owner, H. N. Rakes, Lee Hall.					
JOMADO'S WILHELM 302420	12 daughters-	13	8,067	4.6	368
Born, 3-31-41; proved, 10-8-48; ----; Va.	8 daughters--	9	8,523	4.6	393
Sire, 261455; dam, 355091.	8 dams-------	12	8,897	4.4	393
Herd Owner, Philip W. Murray, Morrison.	Difference---	(4-6-4)	-374	+.2	0
KENFLEUR'S KING OF PEKIN 324254	6 daughters--	9	8,933	4.8	429
Born, 12-11-41; proved, 10-21-48; ----; Ill.	6 dams-------	29	8,185	5.0	407
Sire, 289111; dam, 444430.	Difference---	(5-2-4)	+748	-.2	+22
Herd Owner, Edward Strickfaden, Pekin.					
KENFLEUR'S PILGRIM ALERT 290268	6 daughters--	13	9,352	5.1	481
Born, 5-12-40; proved, 10-8-48; ----; Ill.	5 daughters--	11	9,788	5.1	502
Sire, 198651; dam, 491761.	5 dams-------	9	9,092	5.1	459
Herd Owner, J. Wilbur James, Mansfield.	Difference---	(4-3-4)	+696	.0	+43
KREGOLA'S PETER PAN 327079	6 daughters--	9	6,005	5.0	298
Born, 3-31-41; proved, 10-22-48; ----; Iowa.	5 daughters--	8	6,371	5.0	318
Sire, 239352; dam, 585645.	5 dams-------	14	7,310	4.6	337
Herd Owner, Elmer J. Kregel, Garnavillo.	Difference---	(1-5-1)	-939	+.4	-19
LADDIE OF KELLY HILL FARM 293963	6 daughters--	10	9,108	4.7	429
Born, 12-14-38; proved, 10-26-48; ----; Pa.	5 daughters--	9	9,046	4.7	423
Sire, 247179; dam, 286135.	5 dams-------	21	9,965	4.9	493
Herd Owner, Grayce Farms, Dalton.	Difference---	(2-3-2)	-919	-.2	-70
LAND O CANAAN SUPERB 329032	6 daughters--	8	8,790	4.8	424
Born, 5-15-40; proved, 10-22-48; ----; Iowa.	5 daughters--	6	8,792	4.9	431
Sire, 214325; dam, 201705.	5 dams-------	13	9,375	4.9	456
Herd Owner, Clyde C. Bender, Downey.	Difference---	(2-3-2)	-583	.0	-25
LANGWATER LOOKWELL 280450	7 daughters--	7	8,539	4.4	377
Born, 8-21-39; proved, 10-21-48; ----; Mich.	6 daughters--	6	8,483	4.5	380
Sire, 252897; dam, 575500.	6 dams-------	12	7,987	4.6	368
Herd Owner, John Bruderer, Richmond.	Difference---	(4-1-3)	+496	-.1	+12
LANGWATER MERRY ROYAL 309287	8 daughters--	9	8,986	4.5	409
Born, 6-9-41; proved, 10-11-48; dead; Ohio.	6 daughters--	7	8,825	4.5	399
Sire, 282709; dam, 413611.	6 dams-------	14	7,406	4.5	336
Herd Owner, Esther F. Shultz, Galena.	Difference---	(3-3-3)	+1,419	.0	+63
LONO OF PRAIRIE BLOOM 264994	14 daughters-	17	7,243	4.8	345
Born, 7-16-38; proved, 10-14-48; ----; Oreg.	7 daughters--	8	7,193	4.8	342
Sire, 242600; dam, 543390.	7 dams-------	12	7,630	4.3	324
Herd Owner, C. Bart Flanagan, Junction City.	Difference---	(1-5-5)	-437	+.5	+18
MAPLE GROVE AUGUST 225996	8 daughters--	16	6,415	4.2	266
Born, 4-15-35; proved, 10-20-48; ----; Wis.	7 daughters--	14	6,381	4.1	264
Sire, 151862; dam, 313833.	7 dams-------	30	5,694	4.8	272
Herd Owner, Nick Skrede, Readstown.	Difference---	(4-1-2)	+687	-.7	-8
MARTHA'S MAXIM 324362	7 daughters--	8	8,415	4.8	403
Born, 6-18-42; proved, 10-25-48; ----; Va.	7 dams-------	26	8,428	4.9	412
Sire, 240850; dam, 387890.	Difference---	(3-2-2)	-13	-.1	-9
Herd Owner, James H. Vaughan, Burkeville.					
MASTERFUL'S JIM OF HILLSIDE 288643	10 daughters-	13	6,078	4.6	282
Born, 5-23-40; proved, 10-14-48; ----; Pa.	10 dams------	34	6,044	4.3	262
Sire, 207765; dam, 549473.	Difference---	(6-10-8)	+34	+.3	+20
Herd Owner, Clarence E. Reed, Slippery Rock.					
MCDONALD FARMS ARCHER 249545	19 daughters-	21	8,652	4.8	416
Born, 10-15-35; proved, 10-26-48; ----; N. Y.	10 daughters-	12	8,423	4.8	405
Sire, 212227; dam, 315026.	10 dams------	20	8,786	4.7	414
Herd Owner, L. W. Sheldon & Sons, Fulton.	Difference---	(4-7-4)	-363	+.1	-9
MCDONALD FARMS GRANDEUR 321826	10 daughters-	11	7,115	4.8	344
Born, 12-8-41; proved, 10-22-48; ----; Va.	8 daughters--	8	7,186	4.9	349
Sire, [illegible]; dam, [illegible].	[illegible] dams-------	[illegible]	8,030	4.6	370
Herd Owner, Rhoden & [illegible], Broadway.	Difference---	(4-6-4)	-844	+.3	-21

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MEADOW LODGE MAX'S LAD 324678----------	7 daughters--	7	7,106	4.9	348
Born, 8-28-42; proved, 10-22-48;----; Kans.	7 dams-------	23	7,776	4.8	372
Sire, 292458; dam, 627225.	Difference---	(3-5-3)	-670	+.1	-24
Herd Owner, Dickerson & Lambert, Hiawatha.					
METEOR'S DAUNTLESS KING 300455----------	9 daughters--	11	6,920	4.9	337
Born, 9-20-40; proved, 10-22-48;----; Ky.	8 daughters--	10	6,821	4.9	334
Sire, 174726; dam, 471665.	8 dams-------	22	6,655	4.9	327
Herd Owner, Dr. R. C. Garrison, Burlington.	Difference---	(4-3-5)	+166	.0	+7
MONARCH'S HELEN'S CHALLENGER 278201----------	11 daughters-	17	7,625	5.1	388
Born, 12-16-37; proved, 10-6-48;----; Wis.	6 daughters--	9	7,679	5.0	384
Sire, 245978; dam, 314841.	6 dams-------	18	8,926	4.7	423
Herd Owner, Elmer Federwitz, Chilton.	Difference---	(4-4-3)	-1,247	+.3	-39
MONARCH'S MAJESTY'S DUKE 294622----------	14 daughters-	15	7,714	4.9	376
Born, 6-23-40; proved, 10-22-48;----; Wis.	5 daughters--	5	7,298	5.0	368
Sire, 269868; dam, 640961.	5 dams-------	11	5,669	4.9	280
Herd Owner, C. E. Fruit & Son, Waukesha.	Difference---	(5-2-5)	+1,629	+.1	+88
NEW HOPE GARDENIUS'S MONARCH 224441----------	11 daughters-	21	6,927	4.9	341
Born, 11-12-34; proved, 10-12-48;----; Minn.	5 daughters--	10	6,909	5.0	345
Sire, 204819; dam, 381235.	5 dams-------	19	7,853	5.0	392
Herd Owner, Albert M. Tennis & Sons, Hayward.	Difference---	(1-3-1)	-944	.0	-47
OAKVALE PAT'S PRINCE 309470----------	15 daughters-	27	6,962	5.0	345
Born, 9-19-40; proved, 10-12-48;----; Iowa.	13 daughters-	23	6,939	5.0	348
Sire, 262061; dam, 515220.	13 dams------	64	8,093	5.2	421
Herd Owner, Ira B. Sternberg, Milford.	Difference---	(5-5-2)	-1,154	-.2	-73
OUTLOOK HILL'S ROMULUS 218075----------	8 daughters--	14	7,264	4.9	355
Born, 9-27-32; proved, 10-6-48;----; Wis.	5 daughters--	9	7,441	5.0	369
Sire, 170968; dam, 151701.	5 dams-------	10	6,206	5.1	314
Herd Owner, Henry Bandli, Canton.	Difference---	(3-2-3)	+1,235	-.1	+55
PILSENER'S NOBLE 224858----------	8 daughters--	8	5,523	4.3	238
Born, 12-20-34; proved, 10-14-48;----; Minn.	7 daughters--	7	5,843	4.3	250
Sire, 202605; dam, 260169.	7 dams-------	10	7,192	4.8	342
Herd Owner, Walter Tangren, Lindström.	Difference---	(2-2-1)	-1,349	-.5	-92
PINE MANOR CAREER 319604----------	7 daughters--	13	9,241	4.8	444
Born, 2-21-42; proved, 10-11-48;----; Iowa.	7 dams-------	16	8,103	4.7	384
Sire, 241114; dam, 398722.	Difference---	(6-4-6)	+1,138	+.1	+60
Herd Owner, R. S. Kilpatrick & Jones, Woodward.					
PINE MANOR GOLD NUGGET 249837----------	15 daughters-	30	7,284	4.9	359
Born, 2-4-37; proved, 10-13-48;----; Minn.	6 daughters--	14	7,687	4.9	377
Sire, 214204; dam, 390268.	6 dams-------	7	7,907	5.1	402
Herd Owner, Barney Arvesen, Barnum.	Difference---	(2-3-2)	-220	-.2	-25
PLOVERLIN MEMOIR 296068----------	8 daughters--	8	6,876	4.8	329
Born, 5-30-40; proved, 10-19-48;----; Wis.	6 daughters--	6	7,321	4.8	353
Sire, 279114; dam, 497410.	6 dams-------	18	7,441	5.0	376
Herd Owner, Ray Burhopp, Marshfield.	Difference---	(3-2-3)	-120	-.2	-23
PRIDE'S PROSPECT OF MARSHALLANE 281189----------	20 daughters-	23	6,108	4.8	294
Born, 10-10-39; proved, 10-5-48;----; Wis.	11 daughters-	13	6,657	4.8	320
Sire, 259266; dam, 594182.	11 dams------	31	6,851	4.8	331
Herd Owner, Frenchdale Farm, Galesville.	Difference---	(4-6-4)	-194	.0	-11
QUAIL ROOST IDEAL FRANCIS 311474----------	8 daughters--	9	7,005	5.2	365
Born, 4-4-41; proved, 10-19-48;----; Va.	7 daughters--	8	6,321	5.4	338
Sire, 256205; dam, 599466.	7 dams-------	24	7,339	4.7	348
Herd Owner, Summerdean Farm, Hollins.	Difference---	(2-6-2)	-1,018	+.7	-10
RIVER DALE ARGUS 273993----------	6 daughters--	8	8,187	5.3	434
Born, 11-19-36; proved, 10-5-48;----; Mich.	5 daughters--	7	7,819	5.3	416
Sire, 222827; dam, 352175.	5 dams-------	15	7,756	5.1	395
Herd Owner, Arthur Modderman & Son, Marne.	Difference---	(2-4-4)	+63	+.2	+21
RIVEREDGE ALERT'S ADMIRAL 280338----------	15 daughters-	19	8,079	4.8	385
Born, 6-19-39; proved, 10-19-48;----; Pa.	13 daughters-	16	7,741	4.9	376
Sire, 236364; dam, 280052.	13 dams------	51	9,015	4.7	425
Herd Owner, Flying Hill Farms, Reading.	Difference---	(4-8-5)	-1,274	+.2	-49
RIVERVIEW KING'S MAJESTY 224884----------	15 daughters-	45	8,805	4.8	424
Born, 5-14-35; proved, 10-26-48;----; Pa.	5 daughters--	12	8,540	5.0	425
Sire, 193955; dam, 338686.	5 dams-------	9	9,453	4.5	428
Herd Owner, John A. Breneman, Willow Street.	Difference---	(1-5-3)	-913	+.5	-3
ROCK CREEK'S KING KELIDA 305958----------	5 daughters--	8	7,065	4.7	335
Born, 12-21-40; proved, 10-8-48;----; Ill.	5 dams-------	15	6,037	5.1	308
Sire, 270591; dam, 597611.	Difference---	(4-1-4)	+1,028	-.4	+27
Herd Owner, Homer B. Vickery, Minooka.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ROMANY WOODS PATRIARCH 334320----------	5 daughters--	5	8,707	5.3	457
Born, 9-13-41; proved, 10-26-48;----; Mich.	5 dams-------	20	8,750	4.7	425
Sire, 155684; dam, 491377.	Difference---	(2-5-3)	-243	+.6	+32
Herd Owner, H. R. Hodges & Son, Rochester.					
ROSE GOLD KING OF MERCER 307705----------	13 daughters-	17	8,225	4.9	401
Born, 8-26-41; proved, 10-11-48; alive; N. J.	9 daughters--	13	7,685	5.0	381
Sire, 207483; dam, 408148.	9 dams-------	29	7,711	4.8	369
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference---	(5-4-4)	-26	+.2	+12
ST. JAMES CHAMPION BOBBY 296807----------	10 daughters-	12	6,923	5.0	345
Born, 10-1-40; proved, 10-19-48;----; Kans.	8 daughters--	10	6,857	5.0	341
Sire, 244239; dam, 543159.	8 dams-------	27	8,025	4.8	384
Herd Owner, Ransom Farm, Homewood.	Difference---	(2-6-2)	-1,168	+.2	-43
SELECT'S GAY BOY 190897----------	8 daughters--	18	8,422	5.1	429
Born, 12-19-30; proved, 10-12-48;----; Md.	5 daughters--	11	8,623	5.0	434
Sire, 130365; dam, 220715.	5 dams-------	8	6,661	5.0	336
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(4-2-4)	+1,962	.0	+98
SHAMROCK OF MOSS HILL 285620----------	5 daughters--	7	6,575	4.8	318
Born, 3-17-40; proved, 10-25-48;----; Minn.	5 dams-------	8	8,228	4.9	407
Sire, 274944; dam, 522807.	Difference---	(0-2-1)	-1,653	-.1	-89
Herd Owner, Hubert Fischer, Austin.					
SHAMROCK'S SUPER OF SURROGATE 295605----------	8 daughters--	12	8,325	4.5	374
Born, 1-4-40; proved, 10-19-48;----; Ariz.	5 daughters--	8	8,088	4.6	375
Sire, 221195; dam, 416394.	5 dams-------	14	7,204	4.8	343
Herd Owner, Shamrock Dairy, Tucson.	Difference---	(4-1-3)	+884	-.2	+32
SHERWOOD FOREST PHILOSOPHER 250161----------	13 daughters-	14	6,854	4.8	332
Born, 3-21-37; proved, 10-20-48;----; Pa.	7 daughters--	8	5,846	4.8	281
Sire, 203950; dam, 365727.	7 dams-------	14	8,534	4.6	396
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(1-6-0)	-2,688	+.2	-115
SILVER FOREST ROYAL BLEND 316487----------	11 daughters-	13	7,741	4.5	346
Born, 1-6-42; proved, 10-14-48;----; Wis.	11 dams------	39	7,749	4.9	378
Sire, 282709; dam, 638757.	Difference---	(5-2-4)	-8	-.4	-32
Herd Owner, Schlessner Brothers, Johnson Creek.					
STAR OF VALLEY INN 248482----------	9 daughters--	13	7,838	4.6	357
Born, 12-15-36; proved, 10-12-48;----; Pa.	5 daughters--	6	9,139	4.5	413
Sire, 221624; dam, 380263.	5 dams-------	15	7,214	4.5	324
Herd Owner, Harry Hank, Monongahela.	Difference---	(3-3-4)	+1,925	.0	+89
STEADFAST'S CHALLENGER 308888----------	6 daughters--	6	7,448	5.0	372
Born, 7-23-41; proved, 10-11-48;----; Ind.	6 dams-------	24	9,294	5.1	472
Sire, 209237; dam, 583006.	Difference---	(1-4-0)	-1,846	-.1	-100
Herd Owner, Fred S. Eikelberner, Logansport.					
TARBELL FARMS PEERLESS MARS 274103----------	9 daughters--	10	8,338	4.7	396
Born, 8-18-38; proved, 10-27-48;----; N. Y.	8 daughters--	9	8,300	4.7	394
Sire, 214202; dam, 408393.	8 dams-------	29	7,843	4.8	375
Herd Owner, John Shultis, Halcottsville.	Difference---	(4-4-4)	+457	-.1	+19
TARBELL FARMS PEERLESS SUSSEX 285288----------	20 daughters-	20	9,189	4.7	431
Born, 6-15-39; proved, 10-27-48;----; Wis.	20 dams------	84	8,310	4.7	387
Sire, 214202; dam, 396439.	Difference---	(12-11-13)	+879	.0	+44
Herd Owner, Mutz Brothers, Trevor.					
THATCH MEADOW ASTROLOGIST 304163----------	10 daughters-	12	9,473	5.2	489
Born, 7-7-41; proved, 10-8-48;----; N. J.	10 dams------	27	9,841	4.6	457
Sire, 257754; dam, 531181.	Difference---	(2-9-6)	-368	+.6	+32
Herd Owner, Ogden White, Far Hills.					
VALLEYWOOD VALIANT NOBLE 284383----------	9 daughters--	9	5,565	5.2	291
Born, 3-4-40; proved, 10-19-48;----; Pa.	6 daughters--	6	5,982	5.2	309
Sire, 200316; dam, 573997.	6 dams-------	19	6,114	5.3	323
Herd Owner, Konhaus Farms, Mechanicsburg.	Difference---	(3-2-2)	-132	-.1	-14
WAREL NOBLE NAVIGATOR 264305----------	11 daughters-	14	8,074	4.7	380
Born, 5-20-37; proved, 10-26-48;----; Ohio.	8 daughters--	9	7,625	4.7	361
Sire, 235038; dam, 342210.	8 dams-------	21	8,261	4.6	382
Herd Owner, A. E. Bechtol, Fredericktown.	Difference---	(3-6-3)	-636	+.1	-21
YELLOW CREEK MEADOW ROYAL 289455----------	7 daughters--	10	9,286	4.6	428
Born, 1-2-40; proved, 10-7-48;----; Ind.	6 daughters--	8	9,423	4.6	430
Sire, 246087; dam, 384864.	6 dams-------	19	9,422	4.9	462
Herd Owner, Darius Kingen & Son, Muncie.	Difference---	(4-1-3)	+1	-.3	-32
52*N956631 (BANGS OR TB EARTAG)----------	6 daughters--	9	6,359	4.7	297
Born, ----; proved, 10-15-48;----; Va.	5 daughters--	8	6,165	4.7	290
Sire, ----; dam, ----.	5 dams-------	13	6,112	4.6	283
Herd Owner, E. E. Chambley, Radford.	Difference---	(3-2-2)	+53	+.1	+7

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALMA BEAUTY INKA KING 784120----------	5 daughters--	6	11,295	3.2	358
Born, 6-8-39; proved, 10-25-48;----; Minn.	5 dams-------	12	11,539	3.4	390
Sire, 685040; dam, 1617059.	Difference---	(2-2-2)	-244	-.2	-32
Herd Owner, Borgeson & Froslan Brothers, St. Peter.					
ANAMOSA JOHANNA LUXE ORMSBY 781129----------	7 daughters--	12	11,075	3.5	390
Born, 10-7-38; proved, 10-21-48;----; Iowa.	6 daughters--	10	11,579	3.5	407
Sire, 713992; dam, 1557778.	6 dams-------	16	13,215	3.3	433
Herd Owner, Iowa Training School for Boys, Eldora.	Difference---	(2-6-3)	-1,636	+.2	-26
ARNSTETT EXCELSIOR PLUTO 847071----------	7 daughters--	7	11,819	3.2	382
Born, 10-3-41; proved, 10-14-48;----; Wis.	6 daughters--	6	11,845	3.3	385
Sire, 749673; dam, 1886047.	6 dams-------	11	9,730	3.6	347
Herd Owner, George Granzow, Juda.	Difference---	(5-1-3)	+2,115	-.3	+38
BAKER FARM HE-MAN 747697----------	12 daughters-	20	13,472	4.1	550
Born, 11-6-37; proved, 10-25-48;----; Pa.	5 daughters--	9	14,570	4.0	588
Sire, 662583; dam, 1739640.	5 dams-------	14	9,418	3.5	330
Herd Owner, Comes Dairy, Smethport.	Difference---	(5-5-5)	+5,152	+.5	+258
BAKER FARM LAD 817054----------	14 daughters-	16	11,594	3.7	427
Born, 1-23-41; proved, 10-11-48;----; N. Y.	5 daughters--	7	11,156	3.6	398
Sire, 733981; dam, 1938625.	5 dams-------	9	11,922	3.6	429
Used in New York Co-op. A. B. A., Inc.	Difference---	(3-2-2)	-766	.0	-31
BAKER FARM WALKER ACME 778378----------	9 daughters--	11	10,123	3.4	341
Born, 2-16-39; proved, 10-5-48;----; N. H.	8 daughters--	10	9,919	3.3	327
Sire, 608348; dam, 1566857.	8 dams-------	18	11,836	3.3	394
Herd Owner, Sullivan County Home, Claremont.	Difference---	(2-4-3)	-1,917	.0	-67
BIRDALE ORMSBY JOHANNA FORES 750916----------	8 daughters--	15	9,912	3.5	348
Born, 9-23-37; proved, 10-6-48;----; Wis.	7 daughters--	14	10,338	3.5	360
Sire, 480602; dam, 1335127.	7 dams-------	18	10,078	3.4	345
Herd Owner, Zickert Brothers, Rosendale.	Difference---	(3-4-4)	+260	+.1	+15
BLUE ASH GENERAL 806933----------	5 daughters--	9	12,271	3.6	448
Born, 3-28-40; proved, 10-15-48;----; Mich.	5 dams-------	22	13,727	3.5	486
Sire, 750401; dam, 1852146.	Difference---	(1-3-1)	-1,456	+.1	-38
Herd Owner, George Bryant, Sand Creek.					
CALLAWAY CARNATION CLEAVE 798889----------	24 daughters-	37	10,487	3.5	364
Born, 12-19-39; proved, 10-25-48;----; Mo..	12 daughters-	21	10,688	3.4	364
Sire, 722370; dam, 1753909.	12 dams------	18	10,835	3.4	371
Herd Owner, State Hospital #2, St. Joseph.	Difference---	(5-7-5)	-147	.0	-7
CALLAWAY MATADOR SEGIS KILDEE 767585----------	27 daughters-	54	13,581	3.3	449
Born, 5-13-38; proved, 10-21-48;----; Mo.	18 daughters-	39	13,846	3.4	467
Sire, 530334; dam, 1515159.	18 dams------	46	11,673	3.4	395
Herd Owner, Missouri Training School, Boonville.	Difference---	(13-8-13)	+2,173	.0	+72
CALLAWAY ORMSBY EDUCATOR RENOWN 741780----------	22 daughters-	41	10,950	3.5	379
Born, 10-7-36; proved, 10-19-48;----; Mo.	21 daughters-	40	11,023	3.4	380
Sire, 653853; dam, 1500702.	21 dams------	72	12,146	3.3	397
Herd Owner, State Hospital #1, Fulton.	Difference---	(5-17-7)	-1,123	+.1	-17
CARNATION HOMESTEAD HAZELWOOD 826028----------	6 daughters--	7	10,162	3.4	350
Born, 3-14-41; proved, 10-7-48;----; N. Y.	5 daughters--	6	8,942	3.5	311
Sire, 629472; dam, 1909687.	5 dams-------	13	10,343	3.6	371
Herd Owner, Irving L. Klock, Fort Plain.	Difference---	(1-3-1)	-1,401	-.1	-60
CARNATION HOMESTEAD MADCAP 795665----------	11 daughters-	13	14,150	3.6	516
Born, 3-27-40; proved, 10-25-48;----; Ill.	9 daughters--	11	14,040	3.7	516
Sire, 629472; dam, 1771850.	9 dams-------	26	12,348	3.5	431
Herd Owner, Illinois Masonic Home, Sullivan.	Difference---	(6-7-8)	+1,692	+.2	+85
CARNATION HOMESTEAD MODEL 761719----------	13 daughters-	15	12,066	3.5	425
Born, 12-22-37; proved, 10-6-48;----; Kans.	11 daughters-	13	12,367	3.5	433
Sire, 629472; dam, 1565785.	11 dams------	33	11,590	3.5	405
Herd Owner, Security Benefit Association, Topeka.	Difference---	(7-6-8)	+777	.0	+28
CARNATION IMPERIAL INKA PRINCE 847504----------	7 daughters--	9	10,371	3.5	364
Born, 1-4-42; proved, 10-15-48;----; Wis.	6 daughters--	8	9,723	3.6	346
Sire, 698462; dam, 2068703.	6 dams-------	19	10,807	3.5	377
Herd Owner, John W. Golz, Evansville.	Difference---	(3-3-3)	-1,084	+.1	-31
CARNATION IMPERIAL MADCAP ORMSBY 863794----------	5 daughters--	5	13,174	3.8	497
Born, 11-4-42; proved, 10-11-48; alive; Colo.	5 dams-------	16	11,397	3.5	399
Sire, 698462; dam, 1771850.	Difference---	(4-5-5)	+1,777	+.3	+98
Herd Owner, Jewish Consumptive's Relief Society, Spivak.					
CARNATION IMPERIAL PROSPECT 744579----------	15 daughters-	16	11,214	3.8	425
Born, 6-25-37; proved, 10-22-48;----; Va.	11 daughters-	11	10,874	3.8	418
Sire, 698462; dam, 1771868.	11 dams------	27	9,989	3.6	362
Herd Owner, Mrs. M. A. Fawcett, Brookneal.	Difference---	(9-9-10)	+885	+.2	+56

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CASCOMIN CONFIDENT PROSPECT 807661----------	15 daughters-	21	10,793	3.4	362
Born, 8-30-40; proved, 10-26-48;----; Minn.	9 daughters--	10	10,730	3.5	376
Sire, 759444; dam, 1577878.	9 dams-------	33	10,163	3.3	339
Herd Owner, State Public School, Owatonna.	Difference---	(5-7-6)	+567	+.2	+37
CEDAR GROVE CONCENTRATOR 839641----------	10 daughters-	13	14,097	3.5	494
Born, 7-20-41; proved, 10-25-48;----; Kans.	10 dams------	29	12,582	3.6	450
Sire, 758498; dam, 1803140.	Difference---	(7-4-7)	+1,515	-.1	+44
Herd Owner, Glen A. Palmer, Topeka.					
CHALKER KING ISA 817300----------	15 daughters-	18	10,035	3.7	368
Born, 6-15-40; proved, 10-11-48;----; Vt.	6 daughters--	7	9,014	3.7	329
Sire, 702088; dam, 1408437.	6 dams-------	7	10,861	3.7	398
Herd Owner, W. Clark, Williston.	Difference---	(1-5-1)	-1,847	.0	-69
CHAMPION DECREAMCO SEGIS KING 772134----------	6 daughters--	6	10,268	3.3	337
Born, 2-7-39; proved, 10-15-48;----; Ohio.	5 daughters--	5	10,810	3.2	349
Sire, 714534; dam, 1550348.	5 dams-------	9	9,062	3.5	313
Herd Owner, E. A. Mizer, Cadiz.	Difference---	(3-1-3)	+1,748	-.3	+36
CHERRYBOLD ORMSBY JACK 805119----------	5 daughters--	6	9,779	3.4	331
Born, 4-26-40; proved, 10-12-48;----; Wis.	5 dams-------	16	13,045	3.6	464
Sire, 737642; dam, 1904002.	Difference---	(0-3-0)	-3,266	-.2	-133
Herd Owner, Melvin Uhlenbrauck, Appleton.					
CHIEF CARNATION TIGE 824381----------	15 daughters-	20	12,083	3.7	446
Born, 12-23-40; proved, 10-13-48;----; N. Y.	15 dams------	43	11,604	3.6	418
Sire, 776454; dam, 1955442.	Difference---	(10-9-10)	+479	+.1	+28
Herd Owner, Myron P. Burke & Son, West Winfield.					
CHIEF GERB-COLAN DOUBLE JOHAN PIEBE 766493----------	11 daughters-	19	9,767	3.6	354
Born, 12-25-37; proved, 10-21-48;----; Va.	9 daughters--	15	9,743	3.7	358
Sire, 444088; dam, 1521862.	9 dams-------	36	10,308	3.6	373
Herd Owner, Mrs. Myrtle E. Coleman Est., Paeonian Springs.	Difference---	(2-6-1)	-565	+.1	-15
CHIEF JOY OF TOREFIELD 801702----------	6 daughters--	9	10,063	3.6	359
Born, 2-4-39; proved,10-25-48;----; N. Y.	5 daughters--	8	10,115	3.6	367
Sire, 731419; dam, 1683675.	5 dams-------	14	12,976	3.4	446
Herd Owner, Raymond P. Ernenwein, Verona.	Difference---	(0-5-1)	-2,861	+.2	-79
CHIEF PIEBE GERBEN COLANTHA JO 763712----------	14 daughters-	21	8,214	3.6	292
Born, 11-2-37; proved, 10-26-48;----; Va.	14 dams------	53	9,680	3.6	350
Sire, 444088; dam, 1559607.	Difference---	(3-7-3)	-1,466	.0	-58
Herd Owner, D. C. Workhouse, Lorton.					
CORRECTION IDEAL ORMSBY 737150----------	6 daughters--	7	7,902	3.9	304
Born, 9-18-36; proved, 10-11-48;----; Wis.	6 dams-------	22	9,445	3.9	371
Sire, 707191; dam, 1674387.	Difference---	(1-3-3)	-1,543	.0	-67
Herd Owner, Fred Witte, Cottage Grove.					
COUNTESS ADMIRAL CAPTAIN 807530----------	26 daughters-	30	9,872	3.3	329
Born, 5-15-39; proved, 10-13-48;----; Calif.	9 daughters--	10	9,489	3.2	308
Sire, 740676; dam, 1400332.	9 dams-------	18	10,221	3.6	363
Herd Owner, M. Curti, Waukena.	Difference---	(4-2-1)	-732	-.4	-55
CRESTON AAGGIE HOMESTEAD 762103----------	11 daughters-	24	12,452	3.6	443
Born, 1-13-38; proved, 10-27-48;----; Mich.	8 daughters--	17	12,139	3.6	438
Sire, 671584; dam, 1484727.	8 dams-------	25	11,372	3.7	416
Herd Owner, Jay F. Bowlby & Sons, Ovid.	Difference---	(4-4-3)	+767	-.1	+22
DOUGLAS FLORA ALLIE BUTTERCUP 789888----------	7 daughters--	7	10,833	3.5	381
Born, 9-3-39; proved, 10-25-48;----; Ill.	6 daughters--	6	11,091	3.5	386
Sire, 754051; dam, 1885498.	6 dams-------	9	11,124	3.5	392
Herd Owner, Roy H. Cross & Sons, Davis.	Difference---	(2-3-2)	-33	.0	-6
DUKE PONTIAC CORNUCOPIA LAD 796996----------	11 daughters-	12	6,637	3.5	233
Born, 4-14-39; proved, 10-27-48;----; Wis.	5 daughters--	5	6,509	3.4	222
Sire, 696639; dam, 1400197.	5 dams-------	5	10,453	3.4	353
Herd Owner, Roger Huntoon, Salem.	Difference---	(0-3-0)	-3,944	.0	-131
DUNLOGGIN FON MATADOR 830365----------	8 daughters--	9	13,182	3.6	474
Born, 7-5-41; proved, 10-5-48;----; N. Y.	8 dams-------	38	12,047	3.7	444
Sire, 751640; dam, 1897977.	Difference---	(6-3-6)	+1,135	-.1	+30
Herd Owner, Frank D. Davy, Fort Plain.					
DUNLOGGIN HIGHWAYMAN 844852----------	6 daughters--	7	13,592	3.8	511
Born, 2-13-42; proved, 10-15-48;----; Pa.	6 dams-------	21	11,776	3.8	443
Sire, 667915; dam, 1595126.	Difference---	(6-4-5)	+1,816	.0	+68
Used in Southeastern Pa. Co-op. A. B. A.					
E'ERDOWELL PRIDE 844820----------	5 daughters--	5	12,742	3.2	412
Born, 8-19-41; proved, 10-20-48;----; N. Y.	5 dams-------	39	11,242	3.4	387
Sire, 126595 CHB; dam, 2243189.	Difference---	(4-1-3)	+1,500	-.2	+25
Herd Owner, Walter H. Griffin, Great Valley.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FOBES PIETERTJE VEEMAN 845727----------	9 daughters--	12	10,814	3.6	390
Born, 2-1-42; proved, 10-12-48;----; Mich.	8 daughters--	10	10,876	3.6	392
Sire, 768973; dam, 2108927.	8 dams-------	40	10,395	3.5	369
Herd Owner, Leonard Tassava, Ironwood.	Difference---	(5-5-6)	+481	+.1	+23
FRANK DE KOL GLENCOE 795035----------	8 daughters--	11	11,719	3.4	399
Born, 12-11-39; proved, 10-25-48;----; Mich.	8 dams-------	30	10,670	3.3	355
Sire, 713685; dam, 2117865.	Difference---	(6-5-6)	+1,049	+.1	+44
Herd Owner, Albert C. Bach, Sebewaing.					
GILKEY FARMS JON LA CON 796256----------	7 daughters--	7	9,183	3.4	315
Born, 11-8-39; proved, 10-26-48;----; Minn.	5 daughters--	5	9,870	3.4	333
Sire, 741780; dam, 1891226.	5 dams-------	11	12,014	3.5	426
Herd Owner, Carleton College Farms, Northfield.	Difference---	(1-2-1)	-2,144	-.1	-93
GOVERNOR FOBES LONGFIELD 30TH 745877----------	9 daughters--	9	12,240	3.2	389
Born, 11-25-36; proved, 10-6-48; dead; Minn.	5 daughters--	5	11,127	3.2	358
Sire, 554952; dam, 1820076.	5 dams-------	6	11,937	3.3	392
Herd Owner, Peter Henry, Foley.	Difference---	(1-4-2)	-810	-.1	-34
GOWANDA ORMSBY TIRANIA PIETERTJE 779787----------	6 daughters--	14	11,863	3.5	418
Born, 2-5-39; proved, 10-25-48;----; N. Y.	6 dams-------	23	11,499	3.5	401
Sire, 585010; dam, 1815726.	Difference---	(3-4-4)	+364	.0	+17
Herd Owner, Kings Park State Hospital, Kings Park.					
GRAFTON ORMSBY CLOTHILDE 845654----------	8 daughters--	9	12,512	3.4	423
Born, 9-12-41; proved, 10-11-48; alive; Ohio.	8 dams-------	34	12,503	3.4	427
Sire, 691332; dam, 1933176.	Difference---	(4-5-4)	+9	.0	-4
Herd Owner, Grafton State Farm, Grafton.					
GRAND BLANC PONTIAC PRIDE 720661----------	6 daughters--	6	10,970	3.6	393
Born, 7-20-35; proved, 10-11-48;----; Mich.	6 dams-------	24	13,691	3.7	503
Sire, 573959; dam, 1480609.	Difference---	(0-3-0)	-2,721	-.1	-110
Herd Owner, Mrs. R. Harris & Son, Flint.					
GROMOR MASTER NUDINE INKA ECO-SYLV 733516----------	10 daughters-	13	11,860	3.5	419
Born, 10-30-36; proved, 10-21-48;----; N. Y.	6 daughters--	7	11,139	3.5	388
Sire, 474738; dam, 1700153.	6 dams-------	15	11,180	3.5	390
Herd Owner, Ernest M. Dann, Hamden.	Difference---	(2-3-4)	-41	.0	-2
HALDANE MIKE SEGIS SIDWELL 849759----------	5 daughters--	7	11,182	3.5	394
Born, 3-14-42; proved, 10-12-48;----; Iowa.	5 dams-------	14	11,929	3.4	410
Sire, 774200; dam, 1570768.	Difference---	(2-4-2)	-747	+.1	-16
Herd Owner, H. J. Dane, Iowa City.					
HAMER PIETERTJE 818666----------	7 daughters--	12	12,583	3.6	455
Born, 11-25-39; proved, 10-27-48;----; Iowa.	6 daughters--	10	12,470	3.5	441
Sire, 662763; dam, 1783005.	6 dams-------	19	10,881	3.5	383
Herd Owner, Kelley & Hasselbusch, Clarence.	Difference---	(4-4-4)	+1,589	.0	+58
HERSHEY COLANTHA JOE 824661----------	14 daughters-	19	9,762	3.2	311
Born, 5-22-41; proved, 10-7-48;----; Pa.	9 daughters--	13	9,876	3.2	315
Sire, 575204; dam, 2061596.	9 dams-------	27	10,508	3.2	338
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(4-6-5)	-632	.0	-23
HERSHEY WALKER DE KOL TEAKE 785003----------	18 daughters-	30	9,094	3.3	298
Born, 12-31-38; proved, 10-19-48;----; Pa.	11 daughters-	20	8,933	3.3	296
Sire, 677099; dam, 1824578.	11 dams------	13	10,464	3.1	324
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(3-8-3)	-1,531	+.2	-28
HICKORY HILL BESSIE HOMESTEAD 850563----------	7 daughters--	8	10,130	3.5	352
Born, 2-11-42; proved, 10-19-48;----; Wis.	6 daughters--	7	10,170	3.5	356
Sire, 674886; dam, 1708519.	6 dams-------	30	11,364	3.5	397
Herd Owner, W. H. Schumann & Frederick Shower, Mazomanie.	Difference---	(1-5-0)	-1,194	.0	-41
HIGHPATH ENDOR AD PHOEBE 779858----------	16 daughters-	24	12,263	3.5	425
Born, 8-8-39; proved, 10-11-48;----; Minn.	11 daughters-	16	11,376	3.5	399
Sire, 743686; dam, 1789988.	11 dams------	22	10,565	3.5	373
Herd Owner, Nesbitt Brothers, Hopkins.	Difference---	(6-7-6)	+811	.0	+26
H M SENSATION POSCH 834365----------	7 daughters--	8	9,743	3.7	364
Born, 6-16-41; proved, 10-7-48; dead; N. Y.	6 daughters--	6	9,476	3.7	349
Sire, 766719; dam, 1993521.	6 dams-------	13	10,067	3.6	367
Herd Owner, Robert Grove Maxwell, Franklinville.	Difference---	(2-4-2)	-591	+.1	-18
HOMERDALE INKA BERT 818267----------	7 daughters--	7	13,554	3.6	483
Born, 10-27-40; proved, 10-26-48;----; N. Y.	6 daughters--	6	13,847	3.6	493
Sire, 658861; dam, 1856775.	6 dams-------	12	11,792	3.8	450
Herd Owner, Harold Creal, Homer.	Difference---	(6-2-5)	+2,055	-.2	+43
HOMERVILLE MERCEDES ABBEKERK 824008----------	5 daughters--	5	9,756	3.3	324
Born, 3-6-41; proved, 10-27-48;----; Ohio.	5 dams-------	24	11,263	3.4	382
Sire, 787641; dam, 1814599.	Difference---	(1-1-1)	-1,507	-.1	-58
Herd Owner, Mason Stock Farm, Elyria.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
HUNTSDALE BEETS PROGRESSOR 818141	5 daughters--	7	10,614	3.5	372
Born, 9-2-40; proved, 10-27-48;----; Pa.	5 dams-------	15	12,051	3.3	402
Sire, 720866; dam, 1974942.	Difference---	(1-4-2)	-1,437	+.2	-30
Herd Owner, Newton J. Bair, Camp Hill.					
ILLINI CANABEL PERFECTION FLOOD 803275	10 daughters-	10	12,129	3.6	439
Born, 1-12-40; proved, 10-27-48;----; Wis.	7 daughters--	7	12,409	3.6	449
Sire, 765378; dam, 1750742.	7 dams-------	15	12,457	3.8	473
Herd Owner, Hugo Schroeder & Son, Mukwonago.	Difference---	(3-2-1)	-48	-.2	-24
INDEPENDENCE REDFIELD PIETERTJE 840328	6 daughters--	7	12,930	3.5	449
Born, 6-22-41; proved, 10-19-48;----; Iowa.	5 daughters--	6	12,750	3.4	433
Sire, 723016; dam, 1729717.	5 dams-------	15	11,064	3.6	402
Herd Owner, Iowa Institute for Feeble Minded Children, Glenwood.	Difference---	(4-1-4)	+1,686	-.2	+31
INDIAN RIVER MARATHON ORMSBY 795143	10 daughters-	11	10,887	3.3	356
Born, 2-18-39; proved, 10-26-48;----; Vt.	7 daughters--	8	11,545	3.2	375
Sire, 699624; dam, 1670298.	7 dams-------	20	9,382	3.3	312
Herd Owner, Francis W. Leach, Pawlet.	Difference---	(7-2-7)	+2,163	-.1	+63
INKA CONCORDIA DE KOL FAYNE 804793	9 daughters--	9	11,099	3.4	381
Born, 1-3-40; proved, 10-25-48;----; Ohio.	5 daughters--	5	10,536	3.4	354
Sire, 679573; dam, 1711962.	5 dams-------	5	10,098	3.5	358
Herd Owner, Floyd Newcomer, Seville.	Difference---	(4-1-4)	+438	-.1	-4
INKA MONTVIC OSBORNDALE ELI 804949	11 daughters-	18	10,690	4.3	457
Born, 12-20-39; proved, 10-20-48;----; Va.	11 dams------	31	9,580	4.5	434
Sire, 746720; dam, 1466658.	Difference---	(9-1-8)	+1,110	-.2	+23
Herd Owner, H. D. Sprague, Purcellville.					
JONABELL ROYAL (TWIN) 766340	14 daughters-	22	9,728	3.6	350
Born, 11-2-38; proved, 10-21-48;----; Md.	10 daughters-	15	9,732	3.6	355
Sire, 720861; dam, 1856398.	10 dams------	20	9,760	3.5	344
Herd Owner, Herbert S. Ford, Galena.	Difference---	(7-6-7)	-28	+.1	+11
KALAMAZOO PIEBE PARTHENEA 801940	5 daughters--	6	14,088	3.5	497
Born, 5-3-40; proved, 10-19-48;----; Mich.	5 dams-------	15	12,294	3.7	454
Sire, 600154; dam, 1906521.	Difference---	(3-1-3)	+1,794	-.2	+43
Herd Owner, Floyd J. Fox, Battle Creek.					
KING ABBEKERK ORMSBY FOBES 2D (TWIN) 780551	6 daughters--	13	13,196	3.9	510
Born, 7-11-39; proved, 10-15-48;----; Ill.	5 daughters--	11	13,171	3.9	509
Sire, 669878; dam, 1536082.	5 dams-------	19	10,937	3.7	409
Herd Owner, Edwin Ogren, Batavia.	Difference---	(4-4-4)	+2,234	+.2	+100
KING BESSIE DIXIE IRIS 761716	7 daughters--	9	12,039	3.6	435
Born, 4-27-38; proved, 10-25-48;----; Wis.	7 dams-------	16	12,688	3.5	448
Sire, 688252; dam, 1545882.	Difference---	(3-6-4)	-649	+.1	-13
Herd Owner, Homebrook Farm, Kenosha.					
KING BESSIE PLUS RUBY 744805	9 daughters--	9	10,496	3.7	384
Born, 9-22-36; proved, 10-6-48; dead; Minn.	6 daughters--	6	10,426	3.6	373
Sire, 705003; dam, 1363705.	6 dams-------	10	10,416	3.6	374
Herd Owner, Harry D. Parsons, Northfield.	Difference---	(2-4-3)	+10	.0	-1
KING DE KOL RUE BESS 823703	5 daughters--	6	12,500	3.4	426
Born, 1-28-41; proved, 10-26-48;----; Ill.	5 dams-------	11	11,937	3.3	392
Sire, 663496; dam, 2046437.	Difference---	(2-5-2)	+563	+.1	+34
Herd Owner, Mrs. David R. Clarke, Union.					
KING ONA PIEBE BEAUTY 726229	10 daughters-	38	11,265	3.7	413
Born, 11-22-35; proved, 10-27-48;----; Pa.	7 daughters--	26	11,182	3.7	417
Sire, 527681; dam, 1640818.	7 dams-------	18	11,775	3.3	392
Herd Owner, F. D. Dock, Lewisburg.	Difference---	(3-6-4)	-593	+.4	+25
KING ORMSBY SUNSHINE JOHANNA 779266	13 daughters-	23	10,407	3.3	345
Born, 6-28-39; proved, 10-26-48;----; Calif.	13 dams------	80	10,420	3.2	337
Sire, 740673; dam, 1816270.	Difference---	(8-10-8)	-13	+.1	+8
Herd Owner, H. C. Borchardt, Alpaugh.					
KING ORMSBY WATSON BEETS 790645 *	5 daughters--	6	10,704	3.4	369
Born, 2-14-39; proved, 7-12-48;----; Ill.	5 dams-------	16	11,513	3.2	364
Sire, 709311; dam, 1919250.	Difference---	(1-5-2)	-809	+.2	+5
Herd Owner, Joe Bierman & Son, Wheeler.					
KORNDYKE PIEBE BONHEUR CHIEFTAIN 829000	7 daughters--	7	11,259	3.6	406
Born, 6-26-41; proved, 10-12-48;----; Wis.	7 dams-------	26	10,838	3.4	369
Sire, 780680; dam, 1870628.	Difference---	(3-6-5)	+421	+.2	+37
Herd Owner, Mount Pleasant Farm, Sturtevant.					
LIEUTENANT INKA HENGERVELD FAYNE (TWIN) 772431	8 daughters--	11	11,809	3.3	394
Born, 12-31-38; proved, 10-21-48;----; Colo.	8 dams-------	33	11,683	3.5	412
Sire, 644087; dam, 1219909.	Difference---	(3-3-3)	+126	-.2	-[illegible]
Herd Owner, State Industrial School, Golden.					

* Incorrectly listed on page 24 of the Aug. 1948 DHIA Letter.

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LINE KLAVER FRIEND PAUL OF MONTANA 820879----------	13 daughters-	13	13,652	3.3	457
Born, 1-25-41; proved, 10-25-48;----; Ind.	6 daughters--	6	12,850	3.4	434
Sire, 776887; dam, 1987560.	6 dams-------	10	13,066	3.3	429
Herd Owner, Wood Jon Farms, Inc., Valparaiso.	Difference---	(3-5-3)	-216	+.1	+5
LOC-PINE SUNNY PIEBE 807508----------	8 daughters--	8	12,086	3.7	449
Born, 2-26-40; proved, 10-15-48;----; Pa.	6 daughters--	6	12,714	3.8	478
Sire, 772189; dam, 1633158.	6 dams-------	27	10,712	3.7	391
Herd Owner, McKeen Co. Home, Smethport.	Difference---	(4-5-6)	+2,002	+.1	+87
LOCVALE MATADOR JOEL 840425----------	6 daughters--	7	12,197	3.7	449
Born, 2-19-42; proved, 10-12-48;----; Pa.	6 dams-------	27	11,983	3.6	433
Sire, 746315; dam, 1984891.	Difference---	(2-3-3)	+214	+.1	+16
Herd Owner, Peters Brothers, Port Matilda.					
LOS ROBLES ORMSBY DE KOL LYONS 847660----------	6 daughters--	6	15,158	4.1	628
Born, 2-5-42; proved, 10-11-48;----; Calif.	6 dams-------	6	13,295	4.0	538
Sire, 720947; dam, 1993597.	Difference---	(6-6-6)	+1,863	+.1	+90
Herd Owner, R. F. Hazard, Midway City.					
MAN-O-WAR BONNY EMBLEM 777353----------	8 daughters--	11	12,098	3.5	424
Born, 5-5-38; proved, 10-21-48;----; Wis.	6 daughters--	9	11,980	3.5	416
Sire, 714478; dam, 1036130.	6 dams-------	8	11,396	3.5	394
Herd Owner, Merrill Bingham, Milton Junction.	Difference---	(4-4-4)	+584	.0	+22
MAPLE GROVE DELLA LADY SEGIS 833799----------	13 daughters-	20	7,874	4.3	338
Born, 12-11-40; proved, 10-5-48;----; Wis.	13 dams------	53	8,968	4.5	406
Sire, 831665; dam, 2262885.	Difference---	(4-6-3)	-1,094	-.2	-68
Herd Owner, Oscar Barthels, Two Rivers.					
MARBEN CLIPPER 777444----------	7 daughters--	11	11,284	3.5	394
Born, 9-7-38; proved, 10-22-48;----; Wis.	5 daughters--	7	11,162	3.5	387
Sire, 708886; dam, 1769972.	5 dams-------	12	11,828	3.4	402
Herd Owner, Ben O. Schwartz & Son, Sharon.	Difference---	(2-3-2)	-666	+.1	-15
MARQUETTE AGNATE MABEL JOE 787608----------	5 daughters--	8	9,245	3.8	347
Born, 11-11-38; proved, 10-26-48;----; Mich.	5 dams-------	8	7,788	3.4	268
Sire, 700089; dam, 1984035.	Difference---	(5-4-5)	+1,457	+.4	+79
Herd Owner, Houghton County Infirmary, Hancock.					
MEADOW HOLM DEAN ONA STATESMAN 830408----------	6 daughters--	7	12,199	3.3	407
Born, 7-16-41; proved, 10-26-48;----; Ky.	6 dams-------	21	13,192	3.4	446
Sire, 666968; dam, 1954594.	Difference---	(2-3-2)	-993	-.1	-39
Herd Owner, Eastern Ky. State Teachers College, Richmond.					
MEADOW ORMSBY FOBES PETE 825474----------	12 daughters-	20	9,519	3.7	351
Born, 2-10-41; proved, 10-15-48;----; Wis.	10 daughters-	18	9,665	3.7	359
Sire, 714103; dam, 1607478.	10 dams------	32	11,862	3.5	419
Herd Owner, Harold J. Lemberger, Cato.	Difference---	(0-9-1)	-2,197	+.2	-60
MEIERKORD POLKADOT TRIUNE SUPREME (TWIN) 765084----------	9 daughters--	10	11,959	3.5	421
Born, 11-30-37; proved, 10-22-48;----; Kans.	6 daughters--	7	11,850	3.4	408
Sire, 600230; dam, 1263480.	6 dams-------	25	12,727	3.6	453
Herd Owner, E. B. Regier, Whitewater.	Difference---	(1-3-1)	-877	-.2	-45
MISHICOT ORMSBY COUNT 768031----------	14 daughters-	36	10,267	3.5	360
Born, 1-14-38; proved, 10-21-48;----; Wis.	6 daughters--	17	10,163	3.5	353
Sire, 706775; dam, 1862911.	6 dams-------	15	10,166	3.7	377
Herd Owner, Roy J. Schmidt, Two Rivers.	Difference---	(3-1-2)	-3	-.2	-24
M M KING TOPSY LUDWIG 781827----------	13 daughters-	13	12,273	3.6	437
Born, 10-31-38; proved, 10-22-48;----; Wis.	11 daughters-	11	12,433	3.5	438
Sire, 516202; dam, 1603226.	11 dams------	28	8,925	3.7	330
Herd Owner, F. H. Meyers, Pittsville.	Difference---	(10-4-10)	+3,508	-.2	+108
MOHOFAR OBADIAH 825542----------	17 daughters-	20	15,274	3.4	513
Born, 2-2-41; proved, 10-7-48; alive; N. Y.	17 dams------	65	13,798	3.5	477
Sire, 825540; dam, 2237584.	Difference---	(10-4-9)	+1,476	-.1	+36
Herd Owner, Bonny Brook Farm, Gardiner.					
MONTVIC PIETJE SUPREME 768054----------	16 daughters-	42	11,259	3.4	385
Born, 12-17-37; proved, 10-21-48;----; N. Y.	7 daughters--	18	10,811	3.4	364
Sire, 115815 CHB; dam, 321068 CHB.	7 dams-------	24	13,119	3.3	437
Herd Owner, Eibert Brothers, Marietta.	Difference---	(3-4-3)	-2,308	+.1	-73
MOSEL SIR ORMSBY SKYLARK PIEBE 844816----------	5 daughters--	5	11,926	3.2	378
Born, 12-21-41; proved, 10-15-48;----; Wis.	5 dams-------	14	9,911	3.2	318
Sire, 761980; dam, 1847496.	Difference---	(5-2-3)	+2,015	.0	+60
Herd Owner, Hubert Wippermann, Cleveland.					
NORTH STAR DIXIE 767287----------	8 daughters--	10	11,653	3.8	392
Born, 5-7-38; proved, 10-20-48;----; Wis.	7 daughters--	7	12,247	3.3	410
Sire, 703318; dam, 1862224.	7 dams-------	18	12,250	3.5	425
Herd Owner, O. M. White, Clear Lake.	Difference---	(4-3-2)	-3	-.2	-15

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NORTH STAR TIDY TIM 794785----------	10 daughters-	10	9,886	3.9	383
Born, 3-29-40; proved, 10-25-48;----; Minn.	8 daughters--	8	9,307	3.8	357
Sire, 781838; dam, 1428407.	8 dams-------	13	10,574	3.7	386
Herd Owner, Iver Berg & Sons, Hanska.	Difference---	(2-5-3)	-1,267	+.1	-29
OAKMULGEE PRINCE 801504----------	7 daughters--	7	10,622	3.9	417
Born, 9-12-39; proved, 10-26-48;----; Va.	6 daughters--	6	10,570	4.0	418
Sire, 680861; dam, 1664386.	6 dams-------	24	11,787	3.7	436
Herd Owner, Middleton Brothers, Herndon.	Difference---	(1-5-3)	-1,217	+.3	-18
OSBORNDALE ORMSBY OLIVER 816603----------	10 daughters-	13	11,578	3.6	417
Born, 5-7-40; proved, 10-8-48;----; Ill.	8 daughters--	9	11,325	3.6	406
Sire, 760643; dam, 1634679.	8 dams-------	17	13,191	3.4	447
Herd Owner, Sleepy Hollow Farm, Dundee.	Difference---	(2-5-2)	-1,866	+.2	-41
OVERHILL COLANTHA SEGIS 725963----------	6 daughters--	11	11,058	3.5	389
Born, 2-18-34; proved, 10-11-48;----; Mass.	5 daughters--	9	10,655	3.6	388
Sire, 479864; dam, 1117083.	5 dams-------	10	11,051	3.4	381
Herd Owner, Overhill Farm, Auburn.	Difference---	(2-2-2)	-396	+.2	+7
PABST BARTA PEARL STAR 797963----------	9 daughters--	9	8,714	3.5	302
Born, 5-16-40; proved, 10-25-48;----; Ill.	5 daughters--	5	8,851	3.4	301
Sire, 761980; dam, 1943688.	5 dams-------	12	12,898	3.4	441
Herd Owner, Leo A. Faivre & Son, Amboy.	Difference---	(0-3-0)	-4,047	.0	-140
PABST PRILLY DUKE 736810----------	30 daughters-	38	11,996	3.3	401
Born, 2-12-36; proved, 10-13-48;----; Wis.	14 daughters-	17	11,894	3.5	411
Sire, 696543; dam, 964723.	14 dams------	21	11,841	3.4	402
Herd Owner, Horace Fuller, Hartland.	Difference---	(7-7-7)	+53	+.1	+9
PATSY PIEBE GOVERNOR ROMEO 851445----------	5 daughters--	5	8,225	3.6	294
Born, 1-7-42; proved, 10-12-48;----; Wis.	5 dams-------	11	9,142	3.6	330
Sire, 804734; dam, 1589394.	Difference---	(1-2-1)	-917	.0	-36
Herd Owner, William M. Nelson, Balsam Lake.					
PEBBLE BEACH AMBASSADOR 853717----------	16 daughters-	20	11,593	4.0	465
Born, 3-26-42; proved, 10-25-48;----; N. Y.	16 dams------	78	12,736	3.8	478
Sire, 805397; dam, 2042354.	Difference---	(4-14-7)	-1,143	+.2	-13
Herd Owner, Alfred Bedell & Son, Wallkill.					
PIEBE PAULINE KING 841443----------	6 daughters--	6	10,467	3.6	376
Born, 12-16-40; proved, 10-12-48;----; Va.	6 dams-------	25	9,409	3.6	339
Sire, 758600; dam, 1683956.	Difference---	(4-4-4)	+1,058	.0	+37
Herd Owner, Va. Industrial School for Boys, Beaumont.					
POPEYE PIETERTJE FOBES CHIEF 818465----------	6 daughters--	9	9,882	3.8	376
Born, 9-29-40; proved, 10-27-48;----; Wis.	6 dams-------	25	10,675	3.5	374
Sire, 746275; dam, 2120396.	Difference---	(2-6-3)	-793	+.3	+2
Herd Owner, Edward Stuesser, Richfield.					
POSCH ORMSBY FOBES 19TH 765488----------	6 daughters--	6	10,178	3.2	327
Born, 2-24-38; proved, 10-25-48;----; S. Dak.	6 dams-------	9	11,785	3.5	412
Sire, 623972; dam, 1431475.	Difference---	(2-2-1)	-1,607	-.3	-85
Herd Owner, S. Dak. State Penitentiary Farm, Sioux Falls.					
POSCH ORMSBY FOBES 22D 766654----------	7 daughters--	7	12,916	3.3	428
Born, 10-9-38; proved, 10-19-48;----; Minn.	5 daughters--	5	12,441	3.4	423
Sire, 623972; dam, 1630207.	5 dams-------	10	13,501	3.0	410
Herd Owner, R. G. Milbrath, Lakefield.	Difference---	(1-4-3)	-1,060	+.4	+13
PRIDE ORMSBY SUNBEAM 781197----------	6 daughters--	10	11,528	3.6	417
Born, 7-29-38; proved, 10-21-48;----; Iowa.	5 daughters--	9	11,563	3.7	423
Sire, 495609; dam, 1852086.	5 dams-------	11	11,811	3.5	415
Herd Owner, Frank W. Paschal, Lamont.	Difference---	(2-3-3)	-248	+.2	+8
PRILLY ORMSBY BURKE SEGIS 799544----------	5 daughters--	7	11,074	3.7	406
Born, 9-1-39; proved, 10-25-48;----; N. Y.	5 dams-------	15	12,273	3.4	419
Sire, 719432; dam, 1730101.	Difference---	(1-5-2)	-1,199	+.3	-13
Herd Owner, Harley J. Bennett, Canton.					
PRINCE MARK POSCH 764475----------	17 daughters-	29	11,423	3.4	390
Born, 2-14-38; proved, 10-11-48; dead; N. Y.	10 daughters-	18	10,606	3.4	357
Sire, 661108; dam, 1625666.	10 dams------	32	12,040	3.5	417
Herd Owner, Paris O. Ives, Guilford.	Difference---	(2-4-2)	-1,434	-.1	-60
PRINCE PONTIAC MAN-O-WAR 766651----------	7 daughters--	12	12,299	3.5	427
Born, 8-16-38; proved, 10-21-48;----; N. Y.	5 daughters--	7	11,440	3.6	408
Sire, 550894; dam, 1481298.	5 dams-------	12	14,621	3.2	470
Herd Owner, Robert Collins, Malone.	Difference---	(1-5-2)	-3,181	+.4	-62
RAVENGLEN SENATOR WINKIE 844997----------	9 daughters--	10	10,903	3.5	384
Born, 2-9-42; proved, 10-20-48;----; Iowa.	9 dams-------	23	12,480	3.5	441
Sire, 741205; dam, 1982660.	Difference---	(2-5-3)	-1,577	.0	-57
Herd Owner, Dr. C. A. Manahan, Vinton.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
REXHOLM BILLY WALKER 801933----------	8 daughters--	12	9,399	3.6	340
Born, 2-26-39; proved, 10-25-48;----; Pa.	5 daughters--	8	9,364	3.7	348
Sire, 727212; dam, 1601668.	5 dams-------	27	11,307	3.4	390
Herd Owner, Dewitt Rust, Saegerstown.	Difference---	(1-5-1)	-1,943	+.3	-42
ROCKFORD IRIS STAR 776411----------	5 daughters--	7	13,193	3.6	479
Born, 10-23-38; proved, 10-21-48;----; Ohio.	5 dams-------	17	13,273	3.3	443
Sire, 699725; dam, 1759533.	Difference---	(2-4-3)	-80	+.3	+36
Herd Owner, Caffee & Schroeder, Willshire.					
ROCK VALLEY ORMSBY PIETERTJE 839803----------	7 daughters--	9	10,238	3.6	364
Born, 12-24-41; proved, 10-15-48;----; Wis.	6 daughters--	8	10,046	3.5	355
Sire, 748396; dam, 1772142.	6 dams-------	39	11,235	3.5	394
Herd Owner, Norbert Miller, Brillion.	Difference---	(2-3-2)	-1,189	.0	-39
ROSNI HOMESTEAD ORMSBY VEEMAN 831558----------	10 daughters-	12	11,668	3.9	452
Born, 12-10-40; proved, 10-11-48;----; Va.	10 dams------	27	11,554	3.8	442
Sire, 744585; dam, 1841831.	Difference---	(5-7-5)	+114	+.1	+10
Herd Owner, Mrs. C. Leith Speiden, Somerset.					
ST CROIXCO HARTOG OLLIE EMPEROR 822430----------	7 daughters--	13	13,661	3.5	485
Born, 11-16-40; proved, 10-26-48;----; Iowa.	6 daughters--	11	13,871	3.6	493
Sire, 750270; dam, 1810052.	6 dams-------	15	12,799	3.8	482
Herd Owner, De Jong Brothers Co., Orange City.	Difference---	(3-1-3)	+1,072	-.2	+11
ST CROIXCO SIR PRINCE OLLIE 792635----------	8 daughters--	9	9,453	4.0	374
Born, 1-23-39; proved, 10-25-48;----; Wis.	6 daughters--	7	9,697	4.0	387
Sire, 715862; dam, 1838904.	6 dams-------	18	9,981	3.4	339
Herd Owner, Howard Benson, Clear Lake.	Difference---	(2-5-4)	-284	+.6	+48
ST J O TAG ORMSBY FOBES FRYSLAN 842668----------	10 daughters-	11	11,563	3.2	368
Born, 10-1-41; proved, 10-5-48;----; Minn.	9 daughters--	10	11,423	3.2	365
Sire, 774774; dam, 1444728.	9 dams-------	21	10,167	3.2	322
Herd Owner, Mrs. John Hayden, Hibbing.	Difference---	(7-6-7)	+1,256	.0	+43
SCOTTY ORMSBY KING BESSIE 790607----------	6 daughters--	7	10,337	3.5	366
Born, 7-25-39; proved, 10-25-48;----; Wis.	5 daughters--	6	10,186	3.5	358
Sire, 707720; dam, 1797687.	5 dams-------	7	11,036	3.7	413
Herd Owner, Chester Carter, Mauston.	Difference---	(2-1-2)	-850	-.2	-55
SENSATION COLANTHA CHIEF 816492----------	9 daughters--	13	11,749	3.4	403
Born, 11-18-39; proved, 10-19-48;----; Pa.	7 daughters--	10	11,735	3.5	405
Sire, 704470; dam, 1977038.	7 dams-------	17	12,668	3.4	435
Herd Owner, Alvin D. Carter, McDonald.	Difference---	(4-3-4)	-933	+.1	-30
SEQUOIA QUALITY DE KOL SEGIS 778404----------	29 daughters-	41	17,357	3.4	590
Born, 7-29-38; proved, 10-5-48; dead; Calif.	29 dams------	80	14,810	3.3	495
Sire, 610442; dam, 1675396.	Difference---	(23-19-26)	+2,547	+.1	+95
Herd Owner, Arden Farms, Inc., Tipton.					
SIR INKA MAY 48TH 716462----------	8 daughters--	11	14,347	3.3	476
Born, 5-1-35; proved, 10-21-48;----; Ill.	6 daughters--	8	13,954	3.4	472
Sire, 422078; dam, 1554578.	6 dams-------	29	13,124	3.5	456
Herd Owner, Rainbow Dairy Farm, St. Charles.	Difference---	(4-2-4)	+830	-.1	+16
SIR KIRKWOOD SYLVIA HOMESTEAD 797837----------	8 daughters--	8	10,976	3.1	337
Born, 9-16-39; proved, 10-27-48;----; N. Y.	7 daughters--	7	11,483	3.1	350
Sire, 734129; dam, 1356294.	7 dams-------	26	9,464	3.4	324
Herd Owner, French Farm, Kirkwood.	Difference---	(5-1-3)	+2,019	-.3	+26
SIR OLLIE DE KOL KORNDYKE PRILLY 792610----------	7 daughters--	7	16,985	3.3	552
Born, 3-29-39; proved, 10-26-48;----; Wis.	6 daughters--	6	17,121	3.3	561
Sire, 749121; dam, 1757476.	6 dams-------	13	13,120	3.5	456
Herd Owner, Francis Webb, Plymouth.	Difference---	(6-3-6)	+4,001	-.2	+105
SIR ORMSBY DAWN TRITOMIA 776404----------	7 daughters--	16	11,198	3.7	409
Born, 1-26-38; proved, 10-5-48;----; Wis.	7 dams-------	14	10,826	3.6	391
Sire, 661945; dam, 1628658.	Difference---	(4-4-4)	+372	+.1	+18
Herd Owner, Henry J. Hoffman, Burlington.					
SIR ORMSBY GEM PONTIAC 781803----------	30 daughters-	45	12,851	3.5	444
Born, 11-24-38; proved, 10-25-48;----; Iowa.	21 daughters-	34	13,088	3.5	453
Sire, 671526; dam, 1745407.	21 dams------	56	11,684	3.5	407
Herd Owner, Amana Society, Amana.	Difference---	(14-11-13)	+1,404	.0	+46
SIR TRITOMIA VEEMAN NIG 735524----------	5 daughters--	7	10,740	3.5	380
Born, 3-24-36; proved, 10-12-48;----; Wis.	5 dams-------	10	8,623	3.5	298
Sire, 623818; dam, 1573433.	Difference---	(4-4-4)	+2,117	.0	+82
Herd Owner, Peck & Himebauch, Burlington.					
SIR U S MUTUAL PIEBE 734118----------	5 daughters--	10	11,953	3.3	392
Born, 8-20-36; proved, 10-11-48;----; Kans.	5 dams-------	9	10,629	3.4	366
Sire, 656266; dam, 1479396.	Difference---	(3-2-2)	+1,324	-.1	+26
Herd Owner, Beckwith & Jamison, Leavenworth.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SIR WILLIAM SPARKLE ORMSBY POSCH 817702----------	7 daughters--	7	11,844	3.5	416
Born, 10-11-40; proved, 10-11-48;----; Mich.	5 daughters--	5	11,679	3.6	419
Sire, 741587; dam 2062079.	5 dams-------	7	13,219	3.3	440
Herd Owner, Harlow & Reisbig, Hudsonville.	Difference---	(2-4-3)	-1,540	+.3	-21
TAYLAKER ORMSBY ROSADOR 739314----------	63 daughters-	135	9,038	3.2	289
Born, 5-21-36; proved, 10-13-48;----; Calif.	62 daughters-	131	9,002	3.2	288
Sire, 668553; dam, 1575722.	62 dams------	312	10,314	3.2	334
Herd Owner, H. C. Borchardt, Alpaugh.	Difference---	(18-28-16)	-1,312	.0	-46
TRAILYND EXPECTATION DON 893747----------	6 daughters--	8	13,836	3.7	506
Born, 2-25-41; proved, 10-19-48;----; Pa.	6 dams-------	9	11,385	3.2	362
Sire, 121075 CHB; dam, 428651 CHB.	Difference---	(4-6-6)	+2,451	+.5	+144
Herd Owner, Levi U. Stoltzfus, Gap.					
TRITOMIA SUCCESSOR OF SCHRIERDALE 787355----------	7 daughters--	8	12,516	3.7	459
Born, 11-1-39; proved,10-27-48;----; Iowa.	7 dams-------	25	11,943	3.7	446
Sire, 559527; dam, 1698092.	Difference---	(6-3-4)	+573	.0	+13
Herd Owner, C. K. Giles & Sons, West Des Moines.					
TRIUNE ORMSBY LASS LAD 743982----------	8 daughters--	10	9,579	3.6	345
Born, 9-18-36; proved, 10-21-48;----; Wis.	7 daughters--	9	9,603	3.6	342
Sire, 697831; dam, 1480140.	7 dams-------	9	9,462	3.7	350
Herd Owner, Olous S. Kellesvig & Sons, Mt. Horeb.	Difference---	(3-3-3)	+141	-.1	-8
U-MO VESPER TRIUNE SUPREME WARDER 720823----------	10 daughters-	26	9,631	3.9	371
Born, 1-24-35; proved, 10-11-48; dead; Mo.	5 daughters--	13	9,097	3.8	342
Sire, 543327; dam, 1323234.	5 dams-------	12	6,681	4.0	267
Herd Owner, George Geiger & Son, Boonville.	Difference---	(4-2-4)	+2,416	-.2	+75
VAN HOOSEN KING BESSIE 314 849803----------	6 daughters--	7	13,376	3.7	498
Born, 2-19-42; proved, 10-15-48;----; Ohio.	6 dams-------	19	14,456	3.5	500
Sire, 652274; dam, 1699315.	Difference---	(3-5-4)	-1,080	+.2	-2
Herd Owner, Charles E. Hawk & Sons, Rockford.					
VANIARD MERCEDES ORMSBY 843428----------	8 daughters--	10	10,079	3.6	363
Born, 9-16-41; proved, 10-26-48;----; Ohio.	7 daughters--	9	10,085	3.6	363
Sire, 671584; dam, 2146684.	7 dams-------	15	11,013	3.5	380
Herd Owner, Wilson Tostrick, New Bremen.	Difference---	(2-6-3)	-928	+.1	-17
VENTNOR SENSATION KING BESS 716630----------	7 daughters--	9	11,469	3.7	420
Born, 11-18-35; proved, 10-27-48,----; Ohio.	5 daughters--	6	11,224	3.7	413
Sire, 666745; dam, 1715410.	5 dams-------	12	12,708	3.3	422
Used in Western Ohio A. B. A.	Difference---	(1-5-1)	-1,484	+.4	-9
VERNLAND FORUM TRIUNE 776235----------	6 daughters--	6	10,824	3.2	342
Born, 9-23-38; proved, 10-21-48;----; Utah.	6 dams-------	17	11,016	3.2	356
Sire, 703962; dam, 1822470.	Difference---	(3-2-3)	-192	.0	-14
Used in Weber Co. A. B. A.					
VERNWAY HOMESTEAD BELLE LAD (TWIN) 780275----------	6 daughters--	11	13,392	3.7	490
Born, 12-10-38; proved, 10-21-48;----; Wash.	5 daughters--	10	13,735	3.7	507
Sire, 726306; dam, 1866786.	5 dams-------	19	13,627	3.6	490
Herd Owner, A. P. Schuurman, Kent.	Difference---	(3-3-3)	+108	+.1	+17
WALKER MATADOR SPOFFORD LASS 803297----------	8 daughters--	12	11,674	3.5	409
Born, 1-28-40; proved, 10-19-48;----; Pa.	8 dams-------	30	12,813	3.6	459
Sire, 729175; dam, 1489044.	Difference---	(4-5-2)	-1,139	-.1	-50
Herd Owner, Allegheny County Workhouse, Blawnox.					
WATERWORTH KITTIMOOR KORNDYKE 800786----------	7 daughters--	10	10,193	3.6	369
Born, 12-18-38; proved, 10-20-48;----; Wis.	5 daughters--	8	9,676	3.6	349
Sire, 696627; dam, 1461770.	5 dams-------	13	10,783	3.4	372
Herd Owner, Jay C. Waterworth & Sons, Fall River.	Difference---	(1-3-3)	-1,107	+.2	-23
WEARY RIVER PONTIAC FAYNE 788244----------	7 daughters--	11	13,361	3.7	496
Born, 5-5-39; proved, 10-26-48;----; Calif.	7 dams-------	27	14,700	3.4	506
Sire, 626316; dam, 1471276.	Difference---	(2-7-3)	-1,339	+.4	-10
Herd Owner, Charles L. Good & Son, Santee.					
WHR INKA MAY REKA HEILO 824546----------	8 daughters--	10	9,311	3.8	350
Born, 4-1-41; proved, 10-26-48;----; Colo.	7 daughters--	9	9,351	3.8	352
Sire, 600148; dam, 1856326.	7 dams-------	10	8,393	3.5	293
Herd Owner, R. H. Watts, Timmath.	Difference---	(5-5-6)	+958	+.3	+59
WINNEBAGO SIR KING DORA BESS 846894----------	11 daughters-	12	9,558	3.5	338
Born, 1-24-42; proved, 10-12-48;----; Wis.	7 daughters--	7	9,804	3.5	343
Sire, 580575; dam, 1641643.	7 dams-------	21	9,504	3.5	336
Herd Owner, Kewaunee Co. Farm, Kewaunee.	Difference---	(3-3-3)	+300	.0	+7
WINNEBAGO SIR KING MAY OLLIE SEGIS 824767----------	11 daughters-	11	10,205	3.4	347
Born, 12-11-40; proved, 10-11-48;----; Wis.	9 daughters--	9	10,463	3.4	353
Sire, 580575; dam, 1727773.	9 dams-------	28	12,106	3.3	394
Herd Owner, Sheboygan Co. Hospital, Sheboygan.	Difference---	(2-6-2)	-1,643	+.1	-41

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WINNEBAGO SIR TULIP MAY 790201----------	6 daughters--	8	12,768	3.7	470
Born, 7-1-39; proved, 10-25-48;----; Wis.	6 dams-------	28	10,951	3.4	376
Sire, 516780; dam, 1827982.	Difference---	(4-4-6)	+1,817	+.3	+94
Herd Owner, Winnebago State Hospital, Winnebago.					
WISCONSIN ORMSBY SENSATION LAD 787482----------	11 daughters-	14	9,508	3.3	311
Born, 7-3-39; proved, 10-25-48;----; Wis.	9 daughters--	11	9,386	3.2	305
Sire, 746331; dam, 1835767.	9 dams-------	26	8,455	3.4	290
Herd Owner, William Dumman, Algoma.	Difference---	(6-4-6)	+931	-.2	+15
35*HZ69418 (BANGS OR TB EARTAG)----------	5 daughters--	10	11,048	3.7	409
Born, ----; proved, 10-12-48;----; Wis.	5 dams-------	23	12,027	3.7	448
Sire, ----; dam, ----.	Difference---	(2-2-2)	-979	.0	-39
Herd Owner, George & Leonard Yahnke, Burlington.					

JERSEY SIRES

AFTERGLOW NOBLY BORN 381805----------	13 daughters-	13	7,759	5.2	407
Born, 7-7-36; proved, 10-7-48;----; Tex.	6 daughters--	6	7,702	5.4	413
Sire, 343335; dam, 977733.	6 dams-------	10	8,204	5.2	426
Herd Owner, F & M Jersey Ranch Dairy, Fairbanks.	Difference---	(4-5-4)	-502	+.2	-13
BASILEUS DOROTHY KNIGHT 443901----------	15 daughters-	22	7,524	5.2	394
Born, 9-8-41; proved, 10-22-48;----; Utah.	12 daughters-	16	7,762	5.2	406
Sire, 412105; dam, 1307917.	12 dams------	23	8,140	4.8	393
Herd Owner, Sorenson Brothers, East Garland.	Difference---	(3-10-6)	-378	+.4	+13
BEAUTY FINANCIAL SEER 404614----------	7 daughters--	12	7,384	5.2	380
Born, 9-8-39; proved, 10-20-48;----; Kans.	7 dams-------	16	7,330	5.4	393
Sire, 391908; dam, 923316.	Difference---	(5-1-5)	+54	-.2	-13
Herd Owner, Stevens & Thompson, Vinland.					
BESS INTERESTED SENATOR 389465----------	7 daughters--	15	7,747	5.6	432
Born, 2-23-38; proved, 10-14-48;----; Pa.	5 daughters--	11	8,102	5.4	440
Sire, 375665; dam, 992030.	5 dams-------	14	6,615	5.7	377
Herd Owner, Ed Kosa & Sons, Coudersport.	Difference---	(4-2-4)	+1,487	-.3	+63
BET IRENE'S DESIGN 392109----------	18 daughters-	23	7,082	5.3	375
Born, 3-10-38; proved, 10-14-48; dead; N. Y.	14 daughters-	17	7,008	5.3	373
Sire, 336549; dam, 970310.	14 dams------	59	7,105	5.1	364
Herd Owner, George Maurer & Sons, Franklin.	Difference---	(5-9-6)	-97	+.2	+9
BINDLE CHECKMATE 401067----------	18 daughters-	25	5,717	5.0	284
Born, 7-7-38; proved, 10-26-48;----; N. Y.	10 daughters-	16	5,913	4.8	286
Sire, P. S. 7019 H. C.; dam, 1189325.	10 dams------	17	6,637	4.8	317
Herd Owner, Melvin Carpenter, South Kortright.	Difference---	(1-6-4)	-724	.0	-31
BLONDE HANDSOME SYBIL JEST 428671----------	10 daughters-	13	6,868	5.9	402
Born, 10-30-41; proved, 10-26-48;----; Maine.	9 daughters--	12	7,096	5.8	414
Sire, 389130; dam, 1156630.	9 dams-------	25	8,193	5.7	465
Herd Owner, Oscar Twitchell & Sons, Bryant Pond.	Difference---	(2-5-1)	-1,097	+.1	-51
BLONDE LAD CORONATION 428672----------	7 daughters--	8	5,141	5.4	277
Born, 11-15-41; proved, 10-11-48;----; Maine.	5 daughters--	6	5,284	5.8	308
Sire, 389130; dam, 1156762.	5 dams-------	12	6,871	5.9	403
Herd Owner, E. G. Rowe, Newport.	Difference---	(0-2-1)	-1,587	-.1	-95
BLONDE PROGRESS 373179----------	5 daughters--	11	8,276	4.8	397
Born, 5-16-35; proved, 10-14-48;----; W. Va.	5 dams-------	18	7,471	5.6	421
Sire, 355567; dam, 845068.	Difference---	(5-0-1)	+805	-.8	-24
Herd Owner, W. T. Law & Son, Bridgeport.					
BLONDE ROWER BEAUTY BOY 395168----------	8 daughters--	9	7,775	4.9	379
Born, 2-16-38; proved, 10-11-48;----; Va.	5 daughters--	6	7,956	4.9	392
Sire, 373538; dam, 914760.	5 dams-------	14	7,661	5.3	409
Herd Owner, W. W. Sanford, Orange.	Difference---	(3-2-2)	+295	-.4	-17
BLONDE SOMEONE'S DESIGN 426183----------	8 daughters--	10	8,248	4.8	396
Born, 1-20-40; proved, 10-26-48;----; Ohio.	6 daughters--	6	8,100	4.8	389
Sire, 373402; dam, 1116994.	6 dams-------	10	9,188	5.1	472
Herd Owner, Mrs. G. F. Benkelman, Medina.	Difference---	(2-1-1)	-1,088	-.3	-83
BLONDE YOU'LL DO VOLUNTEER 395417----------	8 daughters--	8	7,362	5.3	391
Born, 5-27-38; proved, 10-5-48;----; Mo.	7 daughters--	7	7,349	5.4	396
Sire, 371786; dam, 975499.	7 dams-------	15	6,577	5.1	335
Herd Owner, Bonnie Carrie Farms #1 & 2, Seymour.	Difference---	(4-6-4)	+772	+.3	+61
BRAMPTON BENEDICT BASIL 443668----------	29 daughters-	30	6,858	5.6	381
Born, 1-3-42; proved, 10-26-48;----; Iowa.	27 daughters-	28	6,862	5.6	381
Sire, 91299 CJCC; dam, 53197 CJCC.	27 dams------	88	6,292	5.2	328
Herd Owner, Dows Maniti Dairy, Marion.	Difference---	(16-19-22)	+570	+.4	+53

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BRAMPTON JESTER STANDARD 383575----------	6 daughters--	9	7,633	5.1	393
Born, 11-18-34; proved, 10-15-48;----; Mass.	6 dams-------	13	7,911	5.1	402
Sire, 64932 CJCC; dam, 59435 CJCC.	Difference---	(4-3-3)	-278	.0	-9
Herd Owner, English Farm Dairy, North Abington.					
BUTTERCUP FAUVIC DREAMER 435900----------	10 daughters-	10	5,899	4.9	290
Born, 6-6-41; proved, 10-5-48;----; Pa.	9 daughters--	9	5,808	4.9	283
Sire, 395196; dam, 1160204.	9 dams-------	32	7,590	5.2	396
Herd Owner, Clyde Houck, Clymer.	Difference---	(0-3-0)	-1,782	-.3	-113
CORNISHMAN'S CORONATION 424824----------	11 daughters-	11	5,608	5.3	297
Born, 5-29-41; proved, 10-21-48;----; Md.	6 daughters--	6	5,949	5.1	304
Sire, 400622; dam, 1041606.	6 dams-------	6	6,240	5.3	331
Herd Owner, Mrs. Bertha M. Gravell, Elkton.	Difference---	(3-2-3)	-291	-.2	-27
DELSSA BAYLEAF GENERAL 414263----------	6 daughters--	9	4,658	5.6	262
Born, 3-20-40; proved, 10-21-48;----; N. Y.	5 daughters--	8	4,827	5.6	271
Sire, 371655; dam, 1142560.	5 dams-------	23	7,325	5.4	392
Herd Owner, Robert Thomson, Delhi.	Difference---	(0-3-0)	-2,498	+.2	-121
DESIGN DOUBLE PEER 416464----------	7 daughters--	12	8,885	5.5	487
Born, 3-5-40; proved, 10-7-48;----; Ill.	7 dams-------	22	7,951	5.1	404
Sire, 394344; dam, 1100631.	Difference---	(5-7-6)	+934	+.4	+83
Herd Owner, Floyd H. Phillips, Barry.					
DESIGN FORWARD FAIR PLAY 397860----------	22 daughters-	24	7,389	5.3	391
Born, 8-14-38; proved, 10-14-48;----; Ky.	16 daughters-	18	7,318	5.4	394
Sire, 343001; dam, 916795.	16 dams------	25	6,572	5.3	349
Herd Owner, Dr. Arthur Bach, Lexington.	Difference---	(11-9-12)	+746	+.1	+45
DIAMOND COCK ROBIN 393706----------	19 daughters-	22	6,595	5.0	332
Born, 4-22-38; proved, 10-5-48; alive; N. Y.	8 daughters--	8	6,738	5.0	334
Sire, 359290; dam, 1037144.	8 dams-------	24	7,009	4.8	336
Herd Owner, Mr. & Mrs. Michael Johnson, Meredith.	Difference---	(3-5-4)	-271	+.2	-2
DOUBLE IVY LAD 419763----------	6 daughters--	7	6,227	5.2	323
Born, 2-8-41; proved, 10-22-48;----; Pa.	6 dams-------	12	6,731	5.1	342
Sire, 387467; dam, 1098491.	Difference---	(2-4-2)	-504	+.1	-19
Herd Owner, H. L. McCurley, Enon Valley.					
DUKE FORFAR EXILE KNIGHT 394876----------	5 daughters--	8	7,883	5.5	430
Born, 3-28-38; proved, 10-7-48;----; Iowa.	5 dams-------	16	6,294	5.3	332
Sire, 259690; dam, 1098686.	Difference---	(4-3-4)	+1,589	+.2	+98
Herd Owner, Robert Glime, La Porte City.					
DUKE'S FORFARSHIRE GOLD 375509----------	17 daughters-	19	6,974	5.5	380
Born, 9-5-35; proved, 10-5-48;----; Mo.	5 daughters--	7	7,258	5.2	380
Sire, 259690; dam, 882391.	5 dams-------	9	6,925	4.8	335
Herd Owner, Scyoc & Pooge, Hannibal.	Difference---	(3-5-4)	+333	+.4	+45
ETHELINDA'S LADDIE 396373----------	10 daughters-	10	7,631	5.4	414
Born, 5-3-38; proved, 10-20-48;----; Minn.	5 daughters--	5	6,547	5.6	366
Sire, 375741; dam, 698558.	5 dams-------	19	6,285	5.7	360
Herd Owner, Arthur Thomforde, Goodhue.	Difference---	(4-1-4)	+262	-.1	+6
GENEVRA SLEEPER WONDER 424048----------	6 daughters--	7	6,246	4.9	308
Born, 8-30-40; proved, 10-8-48; dead; Idaho.	5 daughters--	6	6,390	5.0	317
Sire, 374914; dam, 968624.	5 dams-------	9	7,790	5.1	401
Herd Owner, Victor E. Martin, Caldwell.	Difference---	(1-2-0)	-1,400	-.1	-84
GERALDA'S CRYSTAL SULTAN 414913----------	7 daughters--	13	8,119	5.4	436
Born, 10-26-39; proved, 10-21-48;----; Vt.	7 dams-------	32	8,068	5.3	426
Sire, 382828; dam, 864513.	Difference---	(2-5-4)	+51	+.1	+10
Herd Owner, Alfred A. Durkee, Rochester.					
GIRLIE MAID'S EAGLE 410163----------	6 daughters--	9	7,632	5.6	428
Born, 6-4-39; proved, 10-8-48;----; Oreg.	6 dams-------	21	7,994	5.7	453
Sire, 218667; dam, 811926.	Difference---	(2-2-1)	-362	-.1	-25
Herd Owner, A. L. Tangen, Newburg.					
GOLDEN CHIEF FAD 362091----------	21 daughters-	34	8,575	5.2	443
Born, 12-28-33; proved, 10-8-48;----; N. H.	9 daughters--	10	7,644	5.5	424
Sire, 339946; dam, 996685.	9 dams-------	11	9,065	5.5	501
Herd Owner, Orchard Hill Farm, Peterborough.	Difference---	(2-3-2)	-1,421	.0	-77
GOLDIE LAD SON HOLGER JAP 389322----------	14 daughters-	18	5,903	4.9	289
Born, 4-3-37; proved, 10-8-48;----; Miss.	13 daughters-	17	5,994	4.9	293
Sire, 341541; dam, 990829.	13 dams------	39	6,114	5.1	313
Herd Owner, W. B. Gill, Nesbitt.	Difference---	(6-3-6)	-120	-.2	-20
GOVERNOR LILAC FERDINAND 398679----------	6 daughters--	10	9,357	5.9	552
Born, 4-25-38; proved, 10-21-48;----; Wash.	5 daughters--	7	8,828	6.1	537
Sire, 323026; dam, 1044880.	5 dams-------	5	10,227	5.6	577
Herd Owner, Ellen F. Campbell & Samuel Baseel, Deep River.	Difference---	(0-5-2)	-1,399	+.5	-40

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
IMP. DESIGN JUNIOR MASCOT 386016----------	7 daughters--	9	6,118	5.2	321
Born, 11-5-34; proved, 10-8-48;----; Pa.	6 daughters--	8	6,459	5.2	336
Sire, 365450; dam, P. S. 42703 H. C.	6 dams-------	15	7,450	5.3	394
Herd Owner, Merle S. Bryan, Perkasie.	Difference---	(1-1-0)	-991	-.1	-58
IVY FANTASTIC LAD 430070----------	9 daughters--	13	7,073	5.8	408
Born, 12-15-41; proved, 10-7-48;----; Ind.	8 daughters--	11	7,186	5.8	413
Sire, 338482; dam, 1145804.	8 dams-------	16	7,334	5.2	379
Herd Owner, Bassett Brothers, Auburn.	Difference---	(2-7-5)	-148	+.6	+34
KAHOKA VOLUNTEER 337273----------	8 daughters--	31	6,310	5.5	345
Born, 12-4-30; proved, 10-11-48;----; Kans.	5 daughters--	19	6,202	5.4	336
Sire, 314725; dam, 868657.	5 dams-------	26	6,624	5.7	376
Herd Owner, George H. Smith, Highland.	Difference---	(2-2-2)	-422	-.3	-40
LAD'S COURAGEOUS 413575 *12----------	23 daughters-	32	8,682	5.3	462
Born, 5-22-40; proved, 10-25-48;----; Mass.	21 daughters-	29	8,900	5.3	468
Sire, 320705; dam, 813065.	21 dams------	70	7,840	5.3	415
Herd Owner, High Lawn Farm, Lenox.	Difference---	(17-11-16)	+1,060	.0	+53
MARIGOLD'S FAWN NOBLE 413415----------	7 daughters--	9	7,948	5.0	401
Born, 11-19-38; proved, 10-15-48;----; Mo.	6 daughters--	8	7,796	5.0	393
Sire, 377965; dam, 1089715.	6 dams-------	10	7,353	5.2	385
Herd Owner, H. E. Lunsford, Hartville.	Difference---	(4-3-4)	+443	-.2	+8
MARIGOLD TULIP EMPEROR 397051----------	26 daughters-	51	9,800	5.2	507
Born, 5-21-38; proved, 10-27-48;----; Oreg.	13 daughters-	27	9,848	5.1	504
Sire, 383697; dam, 798394.	13 dams------	20	11,500	4.4	509
Herd Owner, J. Warren Corey, Cornelius.	Difference---	(4-11-6)	-1,652	+.7	-5
MAUDE'S MADCAP STANDARD 404389----------	12 daughters-	12	6,975	5.4	374
Born, 3-27-39; proved, 10-20-48;----; Wis.	7 daughters--	7	6,978	5.4	376
Sire, 375857; dam, 890353.	7 dams-------	14	5,767	5.1	296
Herd Owner, Fred J. Seyforth & Son, Mondovi.	Difference---	(5-4-6)	+1,211	+.3	+80
MAY-OWL MASTER OWL SENATOR 411120----------	24 daughters-	38	7,110	6.1	431
Born, 8-20-39; proved, 10-21-48;----; Va.	16 daughters-	27	6,876	6.0	412
Sire, 344307; dam, 1146555.	16 dams------	60	7,260	5.6	405
Herd Owner, Ralph E. Brown, Orange.	Difference---	(9-12-10)	-384	+.4	+7
NESTOR MASTER MOORE 408988----------	13 daughters-	18	7,163	5.7	407
Born, 3-5-39; proved, 10-8-48;----; Ind.	13 dams------	24	7,276	5.8	421
Sire, 358936; dam, 999963.	Difference---	(6-6-4)	-113	-.1	-14
Herd Owner, Merle Gonser, Hudson.					
NIGHT OWL QUEEN'S PRINCE 424323 *12----------	13 daughters-	22	7,866	5.5	436
Born, 6-8-41; proved, 10-12-48;----; Ill.	13 dams------	45	8,081	4.6	375
Sire, 367180; dam, 1196413.	Difference---	(6-13-10)	-215	+.9	+61
Herd Owner, Gottfried Kipp, Chester.					
NOBLY PRINCE OF LA LOMITA 292564----------	20 daughters-	56	7,140	5.0	360
Born, 4-3-28; proved, 10-20-48;----; Idaho.	8 daughters--	18	7,079	5.1	359
Sire, 286449; dam, 786460.	8 dams-------	25	6,973	5.2	363
Herd Owner, H. G. Myers, Boise.	Difference---	(5-2-4)	+106	-.1	-4
OXFORD ACTOR FAIRBOY 435157----------	11 daughters-	17	7,186	5.7	407
Born, 12-12-41; proved, 10-11-48;----; Mich.	11 dams------	34	7,203	5.8	417
Sire, 401821; dam, 1134336.	Difference---	(4-4-4)	-17	-.1	-10
Herd Owner, Ben W. Calkins & Son, Morrice.					
OXFORD CORONATION PRIDE 414667----------	9 daughters--	17	5,408	5.3	289
Born, 3-6-40; proved, 10-21-48;----; Ohio.	7 daughters--	14	5,372	5.5	295
Sire, 399851; dam, 1149206.	7 dams-------	17	7,403	5.3	396
Herd Owner, Glenn M. Lackey & Sons, Delaware.	Difference---	(1-6-1)	-2,031	+.2	-101
PHIL BONEY 365050----------	12 daughters-	23	7,019	5.3	375
Born, 4-8-34; proved, 10-21-48;----; Ky.	10 daughters-	19	7,409	5.3	394
Sire, 304984; dam, 890550.	10 dams------	27	6,471	5.3	342
Herd Owner, Gander Brothers, Stanford.	Difference---	(7-8-7)	+938	.0	+52
RALEIGH GIRL'S FAIRY PRINCE 368020----------	27 daughters-	52	7,228	5.3	381
Born, 7-7-35; proved, 10-11-48;----; Vt.	9 daughters--	13	7,470	5.3	396
Sire, 192358; dam, 619710.	9 dams-------	17	7,127	5.3	380
Herd Owner, Whitehall Farm, Windsor.	Difference---	(4-5-4)	+343	.0	+16
ROMANA MOBY DICK 411570----------	7 daughters--	7	5,953	5.7	338
Born, 3-20-39; proved, 10-14-48;----; Vt.	7 dams-------	24	7,355	5.5	406
Sire, 401004; dam, 1073065.	Difference---	(1-4-1)	-1,402	+.2	-68
Herd Owner, Richard Dana, North Pomfret.					
ROYAL BOUTILLIERE PRIDE 416416----------	6 daughters--	6	7,298	5.0	366
Born, 11-27-40; proved, 10-5-48;----; Maine.	5 daughters--	5	6,774	5.1	344
Sire, 313680; dam, 1126124.	5 dams-------	17	9,164	4.9	445
Herd Owner, W. W. & R. S. Pike, Cornish.	Difference---	(0-4-0)	-2,390	+.2	-101

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SHADYREST NOBLE X 423027----------	5 daughters--	6	8,501	5.4	461
Born, 9-6-40; proved, 10-20-48;----; Iowa.	5 dams-------	18	9,040	5.2	467
Sire, 395839; dam, 1205204.	Difference---	(1-3-1)	-539	+.2	-6
Herd Owner, I. O. Bartz, Rudd.					
SIGNAL STYLISH OBSERVER 398302----------	16 daughters-	28	6,895	5.9	408
Born, 2-24-39; proved, 10-26-48;----; Mo.	16 dams------	46	6,713	5.6	374
Sire, 346193; dam, 1092535.	Difference---	(10-14-10)	+182	+.3	+34
Herd Owner, Shearman Miller, Marshall.					
SIMPLY SYBIL AMBITION 441534----------	12 daughters-	16	6,427	5.9	378
Born, 5-9-42; proved, 10-11-48;----; Ohio.	11 daughters-	15	6,427	5.8	373
Sire, 375898; dam, 1010092.	11 dams------	35	7,531	5.6	425
Herd Owner, Fred White & Sons, Galena.	Difference---	(2-8-5)	-1,104	+.2	-52
SOPHIE MAJESTY NOBLE 392962----------	7 daughters--	7	6,589	4.5	300
Born, 11-16-37; proved, 10-21-48;----; Wis.	6 daughters--	6	6,744	4.6	309
Sire, 290220; dam, 990896.	6 dams-------	26	7,200	4.8	345
Herd Owner, Frank J. Schlies, Jr., Kewaunee.	Difference---	(2-2-1)	-456	-.2	-36
SPEARHEAD SULTAN 428873----------	5 daughters--	9	8,959	5.7	509
Born, 2-21-41; proved, 10-7-48;----; Ill.	5 dams-------	14	7,806	5.3	414
Sire, 375322; dam, 1200366.	Difference---	(3-4-4)	+1,153	+.4	+95
Used in Southern Illinois A. B. A.					
SPOTLIGHT STAR RULER 412030----------	17 daughters-	29	7,419	5.1	378
Born, 6-12-39; proved, 10-21-48;----; Pa.	12 daughters-	18	7,704	5.1	393
Sire, 349972; dam, 983115.	12 dams------	33	5,480	4.9	270
Herd Owner, Marcus E. Seanor, New Alexandria.	Difference---	(11-8-12)	+2,224	+.2	+123
SYBIL BARONET SUCCESSOR 399329----------	10 daughters-	10	7,783	5.0	392
Born, 1-24-39; proved, 10-25-48;----; Wis.	9 daughters--	9	7,767	5.0	389
Sire, 305849; dam, 1126172.	9 dams-------	26	7,882	5.2	409
Herd Owner, Lee R. Wilkins,Livingston.	Difference---	(3-2-3)	-115	-.2	-20
SYBIL BLEND SULTAN OF L. L. F. 429133----------	8 daughters--	11	7,339	5.1	376
Born, 8-12-41; proved, 10-8-48;----; N. Y.	8 dams-------	21	6,456	5.6	359
Sire, 412729; dam, 1223578.	Difference---	(6-1-6)	+883	-.5	+17
Herd Owner, S. L. Knox & Son, Wyoming.					
SYBIL SONNY IMP. 382278----------	22 daughters-	29	6,543	5.2	339
Born, 5-10-35; proved, 10-12-48; dead; N. Y.	14 daughters-	17	7,045	5.1	358
Sire, 373032; dam, 1147847.	14 dams------	20	6,722	5.2	353
Herd Owner, J. Scott Means, Meredith.	Difference---	(8-7-7)	+323	-.1	+5
TRI-MAN JOSEPH 420998----------	5 daughters--	7	7,809	5.2	407
Born, 2-18-41; proved, 10-22-48;----; Maine.	5 dams-------	19	6,697	5.2	351
Sire, 250214; dam, 1124541.	Difference---	(4-3-4)	+1,112	.0	+56
Herd Owner, R. H. Boothby & Sons, Livermore Falls.					
VISION GOLDEN SAXON 422574----------	16 daughters-	21	7,791	5.0	392
Born, 7-10-40; proved, 10-8-48;----; Maine.	14 daughters-	17	7,854	5.0	394
Sire, 320151; dam, 1048490.	14 dams------	50	8,623	4.9	420
Herd Owner, C. R. Bragdon, Charleston.	Difference---	(5-11-5)	-769	+.1	-26
VOLUNTEER FAUVIC LADDIE 432488----------	11 daughters-	23	7,105	5.0	356
Born, 10-27-40; proved, 10-5-48;----; Ohio.	9 daughters--	18	7,382	5.0	369
Sire, 391296; dam, 909041.	9 dams-------	25	6,975	5.1	356
Herd Owner, Earl Pool, Leonardsburg.	Difference---	(6-3-6)	+407	-.1	+13
VOLUNTEER PEDRO ROYAL LAD 450948----------	6 daughters--	8	8,300	5.3	436
Born, 4-12-42; proved,10-7-48; alive; Wash.	6 dams-------	28	9,576	5.0	478
Sire, 413323; dam, 1273437.	Difference---	(0-5-1)	-1,276	+.3	-42
Herd Owner, Lloyd McFarland, Mt. Vernon.					
VOLUNTEER SPOT SULTAN 426160----------	6 daughters--	8	6,554	5.2	342
Born, 10-10-40; proved, 10-20-48;----; Ill.	6 dams-------	25	6,777	5.3	362
Sire, 403036; dam, 1224652.	Difference---	(2-1-2)	-223	-.1	-20
Herd Owner, Erwin Taake, Valmeyer.					
VOTER 420196----------	5 daughters--	7	7,814	5.3	411
Born, 1-3-41; proved, 10-6-48;----; Conn.	5 dams-------	17	6,703	5.4	364
Sire, 401281; dam, 852233.	Difference---	(3-2-3)	+1,111	-.1	+47
Herd Owner, Mrs. Raymond F. Whitney, Monroe.					
WANDA'S ROYAL STANDARD 413520----------	5 daughters--	8	6,441	5.0	322
Born, 9-9-39; proved, 10-8-48; dead; Iowa.	5 dams-------	23	6,778	5.4	366
Sire, 384461; dam, 1151355.	Difference---	(3-1-2)	-337	-.4	-44
Herd Owner, James D. Hamilton, Independence.					
WONDERFUL MOOR SYBIL BOY 415673----------	7 daughters--	12	4,614	4.8	223
Born, 11-1-40; proved, 10-6-48;----; N. Y.	6 daughters--	11	4,604	4.8	223
Sire, 393089; dam, 1197325.	6 dams-------	11	5,873	5.1	300
Herd Owner, Cuyler G. Harrison & Son, Oneonta.	Difference---	(0-2-0)	-1,269	-.3	-77

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WONDERFUL PRINCE 395593----------	8 daughters--	12	7,667	5.1	390
Born, 12-1-38; proved, 10-20-48;----; Mich.	5 daughters--	7	7,551	5.0	380
Sire, 379009; dam, 1110396.	5 dams-------	7	6,539	5.2	341
Herd Owner, North Ridge Jersey Farms, Chesaning.	Difference---	(3-1-3)	+1,012	-.2	+39
WONDERFUL SNOWCAP 411169----------	11 daughters-	12	8,889	4.6	411
Born, 4-15-40; proved, 10-20-48;----; Ohio.	9 daughters--	10	8,805	4.6	406
Sire, 379009; dam, 1164869.	9 dams-------	40	8,438	4.7	399
Herd Owner, A. E. Stevens, Loveland.	Difference---	(7-4-7)	+367	-.1	+7
XENIA WONDERFUL AIM 439998----------	7 daughters--	10	7,377	5.2	380
Born, 4-7-42; proved, 10-6-48;----; Kans.	5 daughters--	8	7,463	5.0	375
Sire, 403169; dam, 970075.	5 dams-------	7	7,155	5.2	374
Herd Owner, L. H. Reece, Earleton.	Difference---	(2-1-2)	+308	-.2	+1
35*HZ72734 (BANGS OR TB EARTAG)----------	7 daughters--	7	6,217	4.4	276
Born, ----; proved, 10-20-48;----; Wis.	7 dams-------	25	7,206	4.9	355
Sire, ----; dam, ----.	Difference---	(2-1-1)	-989	-.5	-79
Herd Owner, Robert S. Bullock, Melrose.					
52*N973159 (BANGS OR TB EARTAG)----------	5 daughters--	8	7,292	4.8	347
Born, ----; proved, 10-12-48;----; Va.	5 dams-------	15	7,251	4.8	347
Sire, ----; dam, ----.	Difference---	(2-3-2)	+41	.0	0
Herd Owner, J. Ralph Stone, Marion.					

RED POLLED SIRES

91-B6869 (DHIA EARTAG)----------	14 daughters-	21	8,126	4.6	375
Born, ----; proved, 10-20-48;----; Wash.	7 daughters--	9	6,943	4.9	341
Sire, ----; dam, ----.	7 dams-------	11	9,205	5.2	479
Herd Owner, J. L. Eccles, Medical Lake.	Difference---	(0-2-0)	-2,262	-.3	-138

SHORTHORN SIRES

GLENROOK RED DUKE 2D 2026840----------	6 daughters--	8	6,105	3.7	226
Born, 12-23-39; proved, 10-25-48;----; Ohio.	5 daughters--	7	5,925	3.8	223
Sire, 1941315; dam, 1864824.	5 dams-------	11	5,156	3.8	195
Herd Owner, J. S. McClester & Son, Mechanicstown.	Difference---	(4-3-4)	+769	.0	+28
NORTHLYND BARON 1995367----------	5 daughters--	6	6,894	3.8	264
Born, 5-25-39; proved, 10-14-48;----; Iowa.	5 dams-------	22	7,670	3.9	296
Sire, 214934 CHB; dam, 262378 CHB.	Difference---	(2-2-2)	-776	-.1	-32
Herd Owner, Vernon E. Topp, Estherville.					

AMERICAN DAIRY CATTLE CLUB SIRES

MOHOFAR OBADIAH 222
(This sire is also a registered Holstein "Mohofar Obadiah 825542." Proved Sire data included in Holstein listing.)

PEBBLE BEACH AMBASSADOR 563
(This sire is also a registered Holstein "Pebble Beach Ambassador 853717." Proved Sire data included in Holstein listing.)

SIR INKA MAY 48TH 640
(This sire is also a registered Holstein "Sir Inka May 48th 716462." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy Herd Improvement Association Letter Vol. 24, No. 12

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THE 25,000th DHIA PROVED SIRE

UNIVERSITY OF ILLINOIS

In November, a proved-sire record was compiled in the Bureau of Dairy Industr for the 25,000th DHIA sire proved since the Nation-wide DHIA Proved-Sire Program was inaugurated cooperatively in 1935 by the Bureau and the various State extension services.

A proved-sire record is a tabulation of the 305-day lactation records of a sire's daughters and their dams, which indicates the inheritance for production the sire is transmitting to his offspring. More than 2 million 305-day lactation record for approximately 1 million cows have been reported by the various States to the Bureau for use in compiling proved-sire records. At present, 305-day lactation records are being reported at the rate of approximately 12,000 daily -- sufficient volume to prove several thousand sires each year.

The demand for good proved sires is great and continues to grow. If association supervisors will report all available lactation records, a great many more sire can be proved and the urgent need for proved sires can be more completely met. As yet, only about half of the available 305-day lactation records are being reported.

The 25,000th DHIA proved sire is a Holstein, Sir Bess Ormsby Rainbow 839976. He was proved with dam-and-daughter data from a Michigan herd. A summary of the record of this sire is given on page 23.

Following are general tabulations of the 25,000 proved-sire records.

Table 1.-Number of sires reported alive or dead, and the production of their daughters compared with that of the daughters' dams

Status of sires	Sires		Average production					
			Dams			Daughters		
			Milk	Butterfat		Milk	Butterfat	
	Number	Percent	Pounds	Percent	Pounds	Pounds	Percent	Pounds
Living-------	3,574	14	9,456	4.1	387	9,667	4.2	403
Dead---------	15,481	62	9,516	3.9	373	9,316	4.0	369
Not reported-	5,945	24	9,343	4.0	377	9,161	4.1	373
Total or average-	25,000	100	9,466	4.0	376	9,329	4.0	375

Table 2.--Summary of 25,000 proved-sire records, grouped according to the production range of the dams to which the sires were mated

Butterfat production range of dams (pounds)	Sires	Sires that Maintained or increased production	Sires that Decreased production	Dam-and daughter pairs	Average production: Dams Milk	Dams Butterfat		Daughters Milk	Daughters Butterfat	
	Number	Number	Number	Number	Pounds	Percent	Pounds	Pounds	Percent	Pounds
Under 200------	16	15	1	94	4,789	3.9	188	5,940	4.1	243
200-224--------	52	39	13	324	5,515	3.9	215	6,300	4.0	254
225-249--------	182	133	49	1,351	5,983	4.0	240	6,521	4.2	271
250-274--------	579	438	141	4,483	6,622	4.0	264	7,105	4.1	292
275-299--------	1,286	870	416	10,365	7,231	4.0	289	7,612	4.1	310
300-324--------	2,301	1,465	836	19,317	7,886	4.0	313	8,133	4.0	329
325-349--------	3,507	2,009	1,498	30,462	8,517	4.0	338	8,594	4.0	346
350-374--------	4,479	2,298	2,181	40,308	9,073	4.0	362	9,005	4.1	365
375-399--------	4,467	1,985	2,482	39,536	9,777	4.0	387	9,564	4.0	383
400-424--------	3,466	1,480	1,986	30,924	10,399	4.0	411	10,093	4.0	403
425-449--------	2,363	886	1,477	20,304	10,993	4.0	436	10,560	4.0	421
450-474--------	1,299	414	885	10,888	11,649	4.0	460	11,005	4.0	438
475-499--------	626	168	458	5,321	12,037	4.0	485	11,177	4.0	451
500-524--------	238	55	183	1,799	12,895	4.0	510	11,888	4.0	472
525-549--------	75	14	61	544	13,557	3.9	535	11,869	4.0	474
550-574--------	40	6	34	283	14,439	3.9	560	12,828	3.9	496
575-599--------	13	1	12	106	14,401	4.1	584	13,000	4.1	535
600-624--------	7	2	5	56	16,249	3.8	610	14,154	3.8	536
625-649--------	4	0	4	24	17,427	3.7	637	13,139	3.6	476
Total or average----	25,000	12,278	12,722	216,489	9,466	4.0	376	9,329	4.0	375

Table 3.--Summary of 25,000 proved-sire records, grouped according to the production level of the daughters of the sires

Butterfat production range of daughters (pounds)	Sires	Sires that Maintained of increased production	Sires that Decreased production	Dam-and daughter pairs	Average production: Dams Milk	Dams Butterfat		Daughters Milk	Daughters Butterfat	
	Number	Number	Number		Pounds	Percent	Pounds	Pounds	Percent	Pounds
Under 200------	37	0	37	227	6,320	3.9	249	4,561	4.1	185
200-224--------	83	6	77	561	6,607	4.1	268	5,205	4.1	214
225-249--------	278	26	252	2,029	7,303	4.0	293	5,896	4.1	240
250-274--------	737	126	611	5,534	7,574	4.0	303	6,539	4.0	264
275-299--------	1,487	316	1,171	11,926	8,033	4.0	321	7,158	4.0	288
300-324--------	2,529	702	1,827	20,596	8,457	4.0	337	7,776	4.0	313
325-349--------	3,498	1,209	2,289	29,884	8,878	4.0	354	8,377	4.0	338
350-374--------	4,152	1,782	2,370	36,887	9,288	4.0	369	9,001	4.0	362
375-399--------	3,886	1,839	2,047	34,390	9,688	4.0	384	9,638	4.0	387
400-424--------	3,195	1,998	1,197	28,286	10,036	4.0	399	10,202	4.0	411
425-449--------	2,267	1,623	644	20,498	10,483	3.9	414	10,877	4.0	436
450-474--------	1,431	1,133	298	12,945	10,806	4.0	427	11,463	4.0	461
475-499--------	763	661	102	7,085	11,178	3.9	437	12,131	4.0	486
500-524--------	384	382	2	3,415	11,670	3.9	451	12,980	3.9	511
525-549--------	154	139	15	1,279	11,844	3.9	464	13,448	4.0	535
550-574--------	65	62	3	499	12,389	3.8	475	14,277	3.9	562
575-599--------	36	34	2	309	13,075	3.7	485	15,277	3.9	585
600-624--------	11	9	2	83	13,489	3.8	513	15,088	3.9	609
625-649--------	3	3	0	23	16,287	3.5	574	18,054	3.5	634
650-674--------	2	2	0	23	13,295	4.3	574	14,232	4.6	658
675-699--------	2	2	0	10	14,310	3.4	489	17,691	3.8	679
Total or average----	25,000	12,054	12,946	216,489	9,466	4.0	376	9,329	4.0	375

It should be noted in table 2 that only 37, or less than 1 percent, of the 25,000 sires had daughters whose average butterfat production was less than 200 pounds, the estimated average butterfat production of all the cows milked in the United States. Conversely, more than 99 percent of the 25,000 sires had daughters whose average butterfat production was higher than that of the average dairy cow.

About 65 percent of the 25,000 sires, or 16,351, had daughters whose average butterfat production was higher than 350 pounds. This is approximately the average butterfat production of the 886,000 cows on test in dairy-herd-improvement associations.

Approximately 20 percent of the 25,000 sires, or about 1 out of every 5, had daughters with butterfat averages above 425 pounds. As a whole the 25,000 sires held production approximately at the level of the dams. The dams to which they were mated averaged 376 pounds of butterfat and the daughters averaged 375 pounds. This does not indicate that no improvement has been made. It can be expected that on the average any large group of (DHIA) sires, when used in herds similar to those from which they were selected, (DHIA herds), will maintain the average production level of their daughters approximately at the same level as that of the dams to which they were mated. Individually about one-third of the sires will lower production. one-third will maintain approximately the same production level and one-third will raise production.

About a third of the 25,000 sires either lowered, maintained, or raised production. As a whole, however, the production level of the dams to which the sires were mated, and of all daughters of the sires, has gradually increased from year to year. Mass improvement of dairy cattle is being made by the selection of both dams and sires. The higher production level of the selected dams is being held or maintained by sires which also have been carefully selected. This is indicated in the following table.

Table 4.--Summary of proved-sire records compiled for years 1938, 1941, 1944 and 1947

Year proved	Number	Dams		Daughters	
		Milk	Butterfat	Milk	Butterfat
		Pounds	Pounds	Pounds	Pounds
1938	992	9,289	364	9,145	364
1941	3,519	9,302	365	9,049	361
1944	3,101	9,434	375	9,441	379
1947	3,820	9,790	386	9,675	385

The above data indicate that year after year higher producing dams are being selected in DHIA herds and the increased production level is being maintained through careful selection of sires. The individual dairyman culls his low producers and, in effect, selects his higher producing cows for the milking herd. He tends also to select brood cows from the milking herd, by saving and raising herd replacements from only his best producing cows. On the average, he has been successful in selecting sires that will at least maintain the increasing production level of the dams in his herd.

About one-third of the sires selected have increased the production level of the herds in which they were used. The rate of mass improvement can be increased when more DHIA data become available on more sires. The guesswork of sire selection can be eliminated and more and more dairymen can consistently select sires that will at least maintain and probably raise the gradually increasing production level of the dams to which the sires are mated.

The volume of DHIA proved-sire data is dependent on the number of 305-day lactation records reported for compiling proved-sire records. Association members should be periodically advised to check with their association supervisor to see that all lactation records are being reported (on form BDI-718) for proving sires.

DHIA PROVED-SIRE RECORDS TABULATED IN NOVEMBER 1948

Following is a list of 471 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in November 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ATLANTA'S KING OF WINWOOD 63349----------	28 daughters-	44	10,357	3.8	394
Born, 10-29-39; proved, 11-4-48;----; Calif.	5 daughters--	7	9,089	3.8	344
Sire, 57512; dam, 163606.	5 dams-------	9	10,869	3.5	380
Herd Owner, Winwood Farm, Woodland.	Difference---	(1-4-2)	-1,780	+.3	-36
ATWOOD ORCHARDS HONEST ABE 63149----------	21 daughters-	26	9,185	4.3	392
Born, 10-14-39; proved, 11-2-48; alive; N. Y.	18 daughters-	22	9,157	4.3	389
Sire, 34996; dam, 127626.	18 dams------	48	9,820	4.3	418
Herd Owner, Atwood Orchards, Plattsburg.	Difference---	(7-10-6)	-663	.0	-29
BALMORAL T. H. CONTINUATION 68322----------	6 daughters--	6	10,270	4.0	409
Born, 9-13-41; proved, 11-24-48;----; Mich.	6 dams-------	14	7,653	3.8	294
Sire, 54152; dam, 202647.	Difference---	(5-5-5)	+2,617	+.2	+115
Herd Owner, Balmoral Farm, Ithaca.					
BLEND'S COMMANDO OF BRYANT FARM 71763----------	7 daughters--	7	8,826	4.6	407
Born, 6-27-42; proved, 11-29-48;----; Mass.	7 dams-------	24	9,384	4.1	389
Sire, 65610; dam, 163664.	Difference---	(3-6-4)	-558	+.5	+18
Used in Massachusetts A. B. A., Inc.					
CHICHESTER BUTTER BOY 62275----------	6 daughters--	13	7,644	4.2	322
Born, 2-24-37; proved, 11-24-48;----; N. H.	5 daughters--	9	7,557	4.3	325
Sire, 50613; dam, 145681.	5 dams-------	12	7,588	4.2	320
Herd Owner, Farrview Farm, Lebanon.	Difference---	(1-3-1)	-31	+.1	+5
COCUMCUSSOC GLEN STAR 50682----------	18 daughters-	24	8,617	4.0	347
Born, 9-27-34; proved, 11-1-48; dead; N. Y.	7 daughters--	9	8,431	4.0	340
Sire, 29581; dam, 112025.	7 dams-------	9	8,467	4.0	335
Herd Owner, Peaked Mountain Farm, Wassaic.	Difference---	(4-4-4)	-36	.0	+5
DESERT CREST'S GOLDEN CROSS 60169----------	8 daughters--	10	11,007	4.0	441
Born, 10-30-38; proved, 11-1-48; dead; Ariz.	8 dams-------	47	11,157	4.2	473
Sire, 43826; dam, 138133.	Difference---	(4-3-4)	-150	-.2	-32
Herd Owner, L. A. Johnson & Sons, Mesa.					
FAIR MEADOWS KATE'S HERO 61316----------	8 daughters--	14	7,586	4.2	318
Born, 3-30-39; proved, 11-3-48;----; Conn.	5 daughters--	10	7,381	4.2	312
Sire, 52018; dam, 109065.	5 dams-------	14	9,604	4.0	385
Used in Litchfield Co. A. B. A.	Difference---	(0-4-1)	-2,223	+.2	-73
FARGO OF ATWOOD ORCHARDS 58895----------	13 daughters-	24	8,935	3.9	351
Born, 12-7-37; proved, 11-4-48;----; N. Y.	5 daughters--	9	8,246	3.9	319
Sire, 34996; dam, 167949.	5 dams-------	17	8,705	3.9	341
Herd Owner, Hill Crest Farm, Rouses Point.	Difference---	(1-3-1)	-459	.0	-22
HAWKSWOOD'S PAUL 62883----------	12 daughters-	17	8,376	4.1	343
Born, 11-10-39; proved, 11-24-48;----; Maine.	7 daughters--	10	7,858	4.2	329
Sire, 53305; dam, 152845.	7 dams-------	26	9,126	3.9	357
Herd Owner, Granite Farm, Brunswick.	Difference---	(2-7-2)	-1,268	+.3	-28
LANEWAY LANCELOT 68631----------	10 daughters-	12	9,523	4.4	416
Born, 10-12-41; proved, 11-29-48;----; Conn.	10 dams------	30	9,400	3.9	371
Sire, 51577; dam, 189153.	Difference---	(7-10-8)	+123	+.5	+45
Herd Owner, Quiet Valley Farm, Bethel.					
LANEWAY RED ROBIN 65456----------	6 daughters--	8	6,872	4.4	300
Born, 9-4-40; proved, 11-16-48;----; Maine.	6 dams-------	10	6,866	4.1	278
Sire, 35622; dam, 204291.	Difference---	(3-6-4)	+6	+.3	+22
Herd Owner, Roland Sanborn & Sons, Gorham.					
LANEWAY SPOTTIE'S CHRIS (TWIN) 61761----------	15 daughters-	21	8,316	4.3	357
Born, 6-29-39; proved, 11-12-48;----; Pa.	12 daughters-	15	8,470	4.3	366
Sire, 51577; dam, 122200.	12 dams------	37	8,553	4.0	346
Herd Owner, Jay Bee Farms, York New Salem.	Difference---	(7-10-8)	-83	+.3	+20
MASONIC HOMES IDEAL PRINCE 64740----------	6 daughters--	8	8,669	4.1	357
Born, 5-16-40; proved, 11-24-48;----; Pa.	5 daughters--	7	9,121	4.1	378
Sire, 55526; dam, 112473.	5 dams-------	12	8,671	4.2	367
Herd Owner, C. W. Negley & Sons, Williamsburg.	Difference---	(2-2-2)	+450	-.1	+11

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
NESHAMINY STAR DESIGN 64773----------	5 daughters--	6	8,084	4.2	342
Born, 3-28-39; proved, 11-1-48;----; Minn.	5 dams-------	18	7,502	3.5	265
Sire, 47635; dam, 121963.	Difference---	(3-5-5)	+582	+.7	+77
Herd Owner, E. W. Hart, Delavan.					
OHIO TRUMPETER 59666 *12----------	12 daughters-	28	9,136	4.2	382
Born, 8-2-38; proved, 11-24-48;----; Ohio.	9 daughters--	21	9,177	4.2	383
Sire, 54152; dam, 115469.	9 dams-------	42	9,961	3.8	377
Herd Owner, Sterlingshire Farm, Orwell.	Difference---	(2-9-5)	-785	+.4	+6
OREGON SPARK'S Y 59316----------	6 daughters--	6	9,374	4.3	405
Born, 7-21-38; proved, 11-1-48;----; Oreg.	5 daughters--	5	8,978	4.5	401
Sire, 50689; dam, 86888.	5 dams-------	15	10,130	4.0	410
Herd Owner, George B. Gessford & Sons, Corvallis.	Difference---	(1-4-2)	-1,152	+.5	-9
PALMERSTON SECURITY 40629----------	6 daughters--	18	6,586	3.8	251
Born, 3-31-22; proved, 11-2-48;----; N. Y.	5 daughters--	17	6,752	3.8	259
Sire, 38164; dam, 99370.	5 dams-------	9	6,239	3.6	222
Herd Owner, Clarence C. Gould, Hobart.	Difference---	(3-4-3)	+513	+.2	+37
ROSELAWN 809'S LEO 64344----------	7 daughters--	7	8,068	4.3	343
Born, 1-11-40; proved, 11-12-48;----; N. Y.	7 dams-------	38	8,781	4.0	355
Sire, 53262; dam, 155337.	Difference---	(3-7-3)	-713	+.3	-12
Herd Owner, O. L. Scutt & Son, Portville.					
SHEIK OF CARATUNK 66769----------	5 daughters--	5	7,107	3.9	280
Born, 3-8-41; proved, 11-12-48;----; Mass.	5 dams-------	14	9,677	4.3	412
Sire, 50470; dam, 120908.	Difference---	(1-0-1)	-2,570	-.4	-132
Herd Owner, Birchwold Farm, Wrentham.					
SHIRLEY-AYR GOLDEN SUN 55855----------	13 daughters-	25	10,386	3.7	388
Born, 9-28-36; proved, 11-8-48; dead; Ohio.	6 daughters--	10	11,575	3.7	424
Sire, 51654; dam, 127111.	6 dams-------	18	9,444	4.1	387
Herd Owner, Warren E. Cook, Alger.	Difference---	(4-1-4)	+2,131	-.4	+37
SHIRLEY-AYR HERE'S LUCK 65941----------	18 daughters-	20	7,840	3.9	307
Born, 12-23-40; proved, 11-15-48;----; Pa.	9 daughters--	9	7,733	3.9	300
Sire, 47698; dam, 207639.	9 dams-------	11	8,868	3.9	346
Herd Owner, Schuylkill Inst. District, Schuylkill Haven.	Difference---	(1-5-1)	-1,135	.0	-46
SPRINGBURN SILVER KING, IMP. 39924----------	8 daughters--	29	7,808	3.9	301
Born, 5-27-27; proved, 11-2-48;----; N. Y.	6 daughters--	21	7,408	3.9	289
Sire, 37696; dam, 115770.	6 dams-------	15	8,307	3.8	316
Herd Owner, Clarence C. Gould, Hobart.	Difference---	(1-3-2)	-899	+.1	-27
VALMOUNT HEATHER UPSET 61861----------	5 daughters--	8	8,565	4.4	375
Born, 7-25-38; proved, 11-8-48;----; N. Y.	5 dams-------	26	10,486	4.2	442
Sire, 47020; dam, 114456.	Difference---	(1-4-1)	-1,921	+.2	-67
Herd Owner, Snug Harbor Farm, Walden.					
VICTORY BLAZE OF ELCO 70521----------	8 daughters--	8	8,188	4.2	343
Born, 1-25-41; proved, 11-29-48;----; N. Y.	5 daughters--	5	8,601	4.1	354
Sire, 59800; dam, 225652.	5 dams-------	6	6,592	3.8	251
Herd Owner, E. A. Weeks & Glendon Richards, Locke.	Difference---	(5-3-5)	+2,009	+.3	+103
VISTA GRANDE DIPLOMAT 70151----------	5 daughters--	5	9,888	4.3	427
Born, 4-22-42; proved, 11-24-48;----; Ohio.	5 dams-------	22	9,252	4.2	386
Sire, 63144; dam, 200833.	Difference---	(3-4-3)	+636	+.1	+41
Used in Central Ohio Co-op. A. B. A.					
VISTA GRANDE KING'S IDEAL 62772----------	11 daughters-	16	8,716	4.3	372
Born, 10-9-39; proved, 11-1-48;----; N. Y.	11 dams------	37	9,286	4.4	406
Sire, 49039; dam, 146634.	Difference---	(3-6-3)	-570	-.1	-34
Herd Owner, Strathbar Farm, Frankfort.					
WHITPAIN BETTER MAN 67070----------	9 daughters--	10	12,918	4.2	542
Born, 5-22-41; proved, 11-9-48;----; Pa.	8 daughters--	9	12,757	4.3	543
Sire, 43060; dam, 154029.	8 dams-------	14	7,735	4.0	312
Herd Owner, Elmstone Farm #1, Wyalusing.	Difference---	(8-7-8)	+5,022	+.3	+231
WHITPAIN FLASH MAN 70862----------	7 daughters--	7	8,203	4.3	353
Born, 4-1-42; proved, 11-24-48;----; Pa.	6 daughters--	6	8,522	4.3	367
Sire, 43060; dam, 134805.	6 dams-------	26	8,486	4.4	374
Herd Owner, Floyd Rosiak, Nicholson.	Difference---	(2-3-2)	+36	-.1	-7
WHITPAIN ROYAL BUGLEMAN 70288----------	10 daughters-	10	9,003	4.2	383
Born, 12-30-41; proved, 11-18-48;----; Pa.	8 daughters--	8	9,203	4.3	395
Sire, 43060; dam, 199133.	8 dams-------	26	7,272	4.0	291
Herd Owner, Walter V. Spessard, Smithsburg, Md.	Difference---	(8-7-8)	+1,931	+.3	+104
WOODHULL SUNNY KING 58253----------	6 daughters--	8	9,447	3.8	361
Born, 12-9-36; proved, 11-10-48;----; Kans.	5 daughters--	7	9,350	3.8	351
Sire, 46596; dam, 161293.	5 dams-------	8	6,465	4.0	260
Herd Owner, Walter D. Hand, Mulvane.	Difference---	(5-2-5)	+2,885	-.2	+91

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BEATRICE'S DUPE OF HURON 48029----------	5 daughters--	5	9,392	4.3	408
Born, 11-8-40; proved, 11-23-48;----; Mich.	5 dams-------	28	10,825	4.1	446
Sire, 37743; dam, 71353.	Difference---	(0-4-2)	-1,433	+.2	-38
Herd Owner, Erwin H. Krauss & Sons, Sebewaing.					
BETTY BOY J. B. 47471----------	9 daughters--	12	11,092	3.9	435
Born, 7-19-40; proved, 11-18-48;----; Wis.	5 daughters--	8	13,147	3.7	491
Sire, 42937; dam, 61254.	5 dams-------	10	10,267	3.8	389
Herd Owner, Norvic Farm, Lake Mills.	Difference---	(4-2-4)	+2,880	-.1	+102
B. F.'S JEAN'S CROSSBOW 51258----------	8 daughters--	10	13,280	3.9	515
Born, 5-12-41; proved, 11-17-48; alive; Ill.	7 daughters--	9	12,961	3.9	509
Sire, 45594; dam, 55664.	7 dams-------	17	11,537	3.8	439
Herd Owner, Brecher Brothers, Pekin.	Difference---	(6-6-6)	+1,424	+.1	+70
CORNELL COLUMBUS LADDIE 51675----------	5 daughters--	5	10,534	4.0	419
Born, 8-22-41; proved, 11-24-48;----; N. Y.	5 dams-------	28	10,098	3.8	385
Sire, 40111; dam, 42174.	Difference---	(4-5-4)	+436	+.2	+34
Herd Owner, Forest Farms, Webster.					
DUTCH MILL MR. PAT 52076----------	5 daughters--	6	11,057	4.0	445
Born, 1-19-41; proved, 11-24-48;----; Iowa.	5 dams-------	8	10,246	3.9	402
Sire, 38442; dam, 62246.	Difference---	(4-3-4)	+811	+.1	+43
Herd Owner, Robert Elliason, Milford.					
GOLDIE'S BUSTER J. B. 52391----------	10 daughters-	12	8,806	3.9	339
Born, 9-22-41; proved, 11-8-48;----; Vt.	9 daughters--	11	8,635	3.9	339
Sire, 31073; dam, 43992.	9 dams-------	38	9,372	4.0	373
Herd Owner, Ethan Allen Farm, Essex Junction.	Difference---	(2-4-2)	-737	-.1	-34
HENSEL'S PHILLIP D. D. 55009----------	9 daughters--	10	8,442	4.2	354
Born, 8-12-41; proved, 11-17-48;----; Wis.	5 daughters--	6	8,839	4.3	376
Sire, 36887; dam, 56585.	5 dams-------	6	8,761	3.7	320
Herd Owner, Daniel Duellman, Fountain City.	Difference---	(3-5-4)	+78	+.6	+56
IVORY INKWYL 49609----------	8 daughters--	8	9,792	4.2	407
Born, 10-25-40; proved, 11-1-48;----; Wis.	7 daughters--	7	9,884	4.2	418
Sire, 32960; dam, 42413.	7 dams-------	22	9,058	3.7	337
Herd Owner, Dwight Kruel, Fennimore.	Difference---	(5-7-6)	+826	+.5	+61
LAKE VIEW MAN 52679----------	6 daughters--	9	10,232	4.1	418
Born, 8-8-41; proved, 11-8-48; alive; Calif.	6 dams-------	13	10,038	3.6	365
Sire, 40664; dam, 43433.	Difference---	(4-6-5)	+194	+.5	+53
Herd Owner, G. L. Steiger, Oakdale.					
MARIE'S PRINCE OF NACKERS FARM 56577----------	5 daughters--	5	8,005	4.1	331
Born, 12-15-41; proved, 11-17-48;----; Wis.	5 dams-------	20	8,628	3.8	330
Sire, 46396; dam, 32087.	Difference---	(2-5-2)	-623	+.3	+1
Herd Owner, Fred W. Behnke & Son, Brillion.					
NERO'S PAL OF SWISS VALLEY 59641----------	12 daughters-	16	8,431	4.3	358
Born, 8-3-40; proved, 11-8-48;----; Iowa.	11 daughters-	15	8,574	4.2	364
Sire, 28226; dam, 50190.	11 dams------	64	10,361	4.0	418
Herd Owner, Ewald C. Brandt, Postville.	Difference---	(2-10-2)	-1,787	+.2	-54
OAKLAND SENSATION ROYAL BOY 58141----------	6 daughters--	6	10,624	4.0	421
Born, 12-15-42; proved, 11-16-48;----; Wis.	6 dams-------	26	10,151	4.1	419
Sire, 41109; dam, 84986.	Difference---	(3-2-3)	+473	-.1	+2
Herd Owner, Fox Brothers, Columbus.					
ROYAL VERNON BOY OF HURON 53146----------	5 daughters--	8	10,758	3.9	420
Born, 3-7-41; proved, 11-23-48;----; Mich.	5 dams-------	30	10,754	3.9	423
Sire, 43976; dam, 100011.	Difference---	(3-3-2)	+4	.0	-3
Herd Owner, Erwin H. Krauss & Sons, Sebewaing.					
SEPTANA'S DUPLICATION OF IKE 51731----------	6 daughters--	8	12,376	4.2	524
Born, 5-26-41; proved, 11-2-48;----; Ill.	6 dams-------	14	11,297	3.9	445
Sire, 45748; dam, 71169.	Difference---	(6-5-5)	+1,079	+.3	+79
Herd Owner, R. C. Zwicker & Sons, Preemption.					
TREMPLO RANGER OF SWISS HILLS 55866----------	8 daughters--	8	7,635	4.4	333
Born, 10-29-41; proved, 11-17-48;----; Wis.	5 daughters--	5	7,253	4.4	317
Sire, 46048; dam, 78767.	5 dams-------	8	8,323	4.1	340
Used in Trempealeau Co-op. A. B. A.	Difference---	(1-5-1)	-1,070	+.3	-23
USHER OF LEE'S HILL 52445----------	6 daughters--	7	10,202	3.9	401
Born, 9-5-41; proved, 11-23-48;----; Ohio.	5 daughters--	6	10,359	3.9	403
Sire, 46267; dam, 82910.	5 dams-------	7	8,879	4.1	360
Herd Owner, Elmer Fryman & Sons, Prospect.	Difference---	(4-2-4)	+1,480	-.2	+43

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
APPLE TREE EGBERT 305757----------	12 daughters-	23	8,583	4.8	412
Born, 4-7-41; proved, 11-18-48;----; Calif.	11 daughters-	22	8,599	4.8	413
Sire, 278238; dam, 603968.	11 dams------	47	8,797	4.8	422
Herd Owner, G. Tidmarsh, Corning.	Difference---	(4-6-4)	-198	.0	-9
ARBETEE BOUNTIFUL'S ROXY 224995----------	5 daughters--	7	10,026	5.0	505
Born, 1-3-35; proved, 11-23-48;----; Oreg.	5 dams-------	5	12,390	4.7	584
Sire, 109828; dam, 326266.	Difference---	(1-5-1)	-2,364	+.3	-79
Herd Owner, Fred Rudat & Son, Brownsmead.					
ARISTOCRAT OF PLAIN VIEW 3D 243451----------	5 daughters--	9	8,173	5.1	415
Born, 3-15-35; proved, 11-10-48;----; Ill.	5 dams-------	11	8,575	4.8	410
Sire, 198695; dam, 432876.	Difference---	(1-4-3)	-402	+.3	+5
Herd Owner, Hal O. Norris, Norris City.					
BEACON HILL CHANCELLOR 306982----------	6 daughters--	6	7,945	5.1	404
Born, 7-25-41; proved, 11-8-48;----; Wis.	5 daughters--	5	8,109	5.1	411
Sire, 287273; dam, 584273.	5 dams-------	22	7,727	5.2	403
Herd Owner, Shellhouse Brothers, Menomonie.	Difference---	(3-3-3)	+382	-.1	+8
BEAUTY'S DUKE OF PLEASANT VIEW 271911----------	20 daughters-	35	6,488	4.9	317
Born, 10-12-38; proved, 11-15-48;----; Minn.	5 daughters--	8	5,962	5.4	321
Sire, 234412; dam, 500374.	5 dams-------	8	7,971	5.1	408
Used in Barnum A. B. A.	Difference---	(0-4-0)	-2,009	+.3	-87
BEAUTY'S REX OF ABBOTT'S DALE 302140----------	6 daughters--	9	9,472	4.9	468
Born, 2-26-41; proved, 11-12-48;----; Pa.	6 dams-------	20	9,690	5.3	511
Sire 254567; dam, 531856.	Difference---	(3-2-2)	-218	-.4	-43
Herd Owner, D. A. Morrow, Tyrone.					
BEREA'S BROOKWOOD METEOR 264746----------	14 daughters-	23	8,107	4.9	400
Born, 7-18-38; proved, 11-8-48;----; Ill.	12 daughters-	19	7,766	5.0	390
Sire, 174726; dam, 417033.	12 dams------	46	7,746	5.2	402
Herd Owner, Charles S. Bogardus, Clinton.	Difference---	(5-6-5)	+20	-.2	-12
BLAKEFORD BEAU 311404----------	5 daughters--	7	7,730	5.0	383
Born, 1-21-42; proved, 11-9-48; dead; Md.	5 dams-------	13	8,067	5.3	424
Sire, 216197; dam, 619696.	Difference---	(2-1-2)	-337	-.3	-41
Herd Owner, James M. Shriver, Westminster.					
BLAKEFORD MASTERFUL 303097----------	17 daughters-	26	8,424	4.7	394
Born, 6-1-41; proved, 11-16-48; dead; Md.	9 daughters--	14	8,392	4.7	392
Sire, 256253; dam, 506865.	9 dams-------	27	8,521	4.8	407
Herd Owner, Edwin Warfield, Jr., Woodbine.	Difference---	(3-5-3)	-129	-.1	-15
BOREAS OF BOULDER BRIDGE 262162----------	6 daughters--	17	8,801	4.4	383
Born, 4-1-38; proved, 11-9-48;----; Wis.	6 dams-------	33	8,153	4.6	378
Sire, 236042; dam, 384713.	Difference---	(3-2-3)	+648	-.2	+5
Herd Owner,V. K. Sherburne, Rusk.					
BUTTERFAT'S EXPLORER GENERAL 253952----------	5 daughters--	12	7,140	4.5	323
Born, 9-16-37; proved, 11-16-48;----; Va.	5 dams-------	21	6,683	4.4	292
Sire, 181747; dam, 455491.	Difference---	(3-4-3)	+457	+.1	+31
Herd Owner, W. H. Williamson, Buchanan.					
CAMEO'S SHAH 244734----------	7 daughters--	19	6,799	4.8	327
Born, 5-8-36; proved, 11-15-48;----; Va.	5 daughters--	16	7,057	4.7	334
Sire, 203018; dam, 450575.	5 dams-------	16	6,021	4.6	276
Herd Owner, R. E. Brubaker, Rockymount.	Difference---	(4-3-5)	+1,036	+.1	+58
C. F.'S PRIME MINSTER 294096----------	15 daughters-	19	8,952	5.1	452
Born, 7-27-40; proved, 11-18-48; dead; Del.	6 daughters--	10	9,376	5.0	468
Sire, 200622; dam, 347712.	6 dams-------	8	10,057	4.8	483
Herd Owner, Peter Zeitler, Glasgow.	Difference---	(2-5-3)	-681	+.2	-15
CHENE LASSIE'S LAD 308024----------	7 daughters--	10	8,405	4.8	407
Born, 8-22-41; proved, 11-4-48;----; Pa.	7 dams-------	34	8,255	4.8	395
Sire, 228454; dam, 420674.	Difference---	(4-5-4)	+150	.0	+12
Used in Western Pennsylvania Co-op. A. B. A.					
CHICONA COLMAR 316706----------	6 daughters--	6	9,330	5.0	468
Born, 11-22-41; proved, 11-9-48;----; Wash.	6 dams-------	26	8,035	4.8	385
Sire, 231075; dam, 477064.	Difference---	(5-5-6)	+1,295	+.2	+83
Herd Owner, Scudder Ranch, Yakima.					
CHICONA DAUNTLESS 330569----------	6 daughters--	6	8,463	5.5	469
Born, 10-5-42; proved, 11-19-48;----; Wash.	5 daughters--	5	8,327	5.4	452
Sire, 292307; dam, 590175.	5 dams-------	12	9,070	4.9	440
Herd Owner, Lowden Livestock Co., Lowden.	Difference---	(2-5-3)	-743	+.5	+12
CHICONA NORWOOD MAJOR 333833----------	12 daughters-	18	9,841	5.1	499
Born, 7-4-41; proved, 11-17-48;----; Wash.	9 daughters--	13	9,855	5.0	492
Sire, 194943; dam, 506753.	9 dams-------	17	7,862	5.0	390
Herd Owner, A. L. Gile, Chinook.	Difference---	(9-5-9)	+1,993	.0	+102

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CHICONA PRESTER JOHN 314218----------	7 daughters--	8	9,746	4.9	473
Born, 3-6-41; proved, 11-1-48;----; Wash.	7 dams-------	23	9,021	4.7	423
Sire, 218521; dam, 504790.	Difference---	(4-5-7)	+725	+.2	+50
Herd Owner, C. C. Kendall, Sequim.					
CHUCKANUT LIEUTENANT 238714----------	6 daughters--	6	9,975	5.3	527
Born, 8-21-36; proved, 11-23-48;----; Wash.	6 dams-------	12	10,075	5.1	514
Sire, 201980; dam, 390906.	Difference---	(3-4-3)	-100	+.2	+13
Herd Owner, Warren Smith, Chehalis.					
CURLES MODEL JAY 307251----------	7 daughters--	11	6,608	5.0	329
Born, 4-22-41; proved, 11-2-48;----; Va.	7 dams-------	17	6,915	4.9	336
Sire, 223892; dam, 331181.	Difference---	(3-5-3)	-307	+.1	-7
Herd Owner, R. E. Brubaker, Rockymount.					
CURTISS CANDY ALVIN 334833----------	6 daughters--	7	8,480	5.1	434
Born, 12-11-42; proved, 11-1-48; alive; Iowa.	6 dams-------	20	7,478	5.1	383
Sire, 184762; dam, 576854.	Difference---	(4-2-4)	+1,002	.0	+51
Herd Owner, W. A. Notbohm & Son, Sumner.					
DARIGOLD BUTTERFAT 252473----------	7 daughters--	22	9,321	4.3	398
Born, 2-28-37; proved, 11-17-48;----; Wash.	7 dams-------	36	8,844	4.5	397
Sire, 218620; dam, 394692.	Difference---	(4-2-2)	+477	-.2	+1
Herd Owner, W. H. Ogden, Mount Vernon.					
DEMON'S HERALD OF M. H. 244966----------	6 daughters--	9	6,298	4.9	306
Born, 8-10-36; proved, 11-19-48;----; Maine.	5 daughters--	8	6,548	5.0	327
Sire, 203856; dam, 422537.	5 dams-------	16	6,029	4.7	285
Herd Owner, John Roberts & Son, Alfred.	Difference---	(3-3-4)	+519	+.3	+42
DREIBELBIS' NOBLE CLASSY SAM 258075----------	11 daughters-	19	8,128	4.7	386
Born, 9-22-37; proved, 11-17-48;----; Pa.	9 daughters--	17	8,573	4.7	403
Sire, 199172; dam, 469409.	9 dams-------	31	7,988	4.8	381
Herd Owner, W. H. Dreibelbis & Sons, Shoemakersville.	Difference---	(5-5-4)	+585	-.1	+22
ELMWOOD FARM ROYAL JO-JO 318273----------	17 daughters-	19	8,458	4.8	409
Born, 5-24-41; proved, 11-2-48;----; N. Y.	17 dams------	67	8,596	4.7	403
Sire, 279696; dam, 476293.	Difference---	(12-10-11)	-138	+.1	+6
Herd Owner, Great Gully Farm, Union Springs.					
ENDLESS CAVERNS CAVALIER 244592----------	9 daughters--	9	6,292	4.8	301
Born, 11-16-35; proved, 11-12-48;----; Va.	7 daughters--	7	6,469	4.8	310
Sire, 191867; dam, 245151.	7 dams-------	19	8,309	4.7	387
Herd Owner, Endless Caverns, Inc., New Market.	Difference---	(2-5-1)	-1,840	+.1	-77
FAIRACRES PRINCE CHARLES 193109----------	17 daughters-	44	6,848	4.8	328
Born, 1-31-31; proved, 11-2-48;----; Pa.	6 daughters--	19	7,683	4.7	358
Sire, 115603; dam, 144005.	6 dams-------	33	7,623	4.9	376
Herd Owner, Charles A. Hayden, Monongahela.	Difference---	(3-3-3)	+60	-.2	-18
FAIR FIELD JEWELLER 245741----------	5 daughters--	16	6,371	5.4	342
Born, 5-13-35; proved, 11-19-48;----; Va.	5 dams-------	24	5,503	5.0	273
Sire, 187943; dam, 384958.	Difference---	(4-5-4)	+868	+.4	+69
Herd Owner, Myron P. Burdette & Son, Broad Run.					
FARMLANDS ORCHID'S CHARITY 263959----------	14 daughters-	16	7,589	4.9	373
Born, 12-21-36; proved, 11-1-48;----; Mass.	9 daughters--	10	7,521	4.9	365
Sire, 179869; dam, 370572.	9 dams-------	26	7,205	4.7	337
Herd Owner, A. G. & Chester E. Goodfield, Hardwick.	Difference---	(4-6-3)	+316	+.2	+28
FIDDLERS GREEN BUTTERMAKER 282991----------	7 daughters--	7	8,113	4.6	376
Born, 12-20-39; proved, 11-1-48;----; Va.	5 daughters--	5	8,748	4.6	403
Sire, 256285; dam, 521157.	5 dams-------	8	6,324	5.1	323
Herd Owner, E. A. Farner, Gloucester.	Difference---	(5-1-5)	+2,424	-.5	+80
FOREMOST QUENTIN 315181----------	7 daughters--	8	7,203	4.9	352
Born, 9-13-41; proved, 11-8-48;----; Wis.	7 dams-------	25	7,251	4.8	350
Sire, 285220; dam, 646568.	Difference---	(3-4-3)	-48	+.1	+2
Herd Owner, W. J. Dougan, Beloit.					
FORGES ROYAL LEADER 283030----------	9 daughters--	11	8,068	5.1	414
Born, 8-23-39; proved, 11-15-48; alive; Idaho.	6 daughters--	8	8,221	5.0	410
Sire, 188495; dam, 410215.	6 dams-------	9	8,242	4.8	396
Herd Owner, Ernest Escott, Shelley.	Difference---	(3-3-4)	-21	+.2	+14
GAY LAD'S KING OF HONEY BROOK 303192----------	6 daughters--	7	8,183	5.0	412
Born, 3-30-41; proved, 11-19-48;----; Pa.	5 daughters--	6	8,308	5.1	421
Sire, 249066; dam, 537554.	5 dams-------	12	9,733	4.7	461
Herd Owner, Irvin P. Benedict, Waynesboro.	Difference---	(1-5-1)	-1,425	+.4	-40
GAY PRINCE OF KREA LAWN 303416----------	8 daughters--	11	7,285	4.9	357
Born, 12-10-40; proved, 11-12-48;----; Wis.	5 daughters--	7	6,848	4.9	333
Sire, 273578; dam, 463543.	5 dams-------	13	8,234	5.0	413
Herd Owner, J. G. Skinner, Barron.	Difference---	(1-2-0)	-1,386	-.1	-80

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GIANT CEDAR STAR COMET 328133----------	5 daughters--	5	8,803	5.4	472
Born, 12-16-42; proved, 11-24-48;----; Wash.	5 dams-------	19	8,778	5.0	443
Sire, 293926; dam, 485550.	Difference---	(1-3-3)	+25	+.4	+29
Herd Owner, E. M. Russell, Zillah.					
GOLDIE'S CLEAR OF ERENSBURG 225899----------	16 daughters-	34	7,626	4.9	373
Born, 5-24-35; proved, 11-24-48;----; Pa.	11 daughters-	24	7,559	4.9	372
Sire, 114550; dam, 222496.	11 dams------	52	7,284	4.9	358
Herd Owner, J. Sherman Smith, Dubois.	Difference---	(6-7-7)	+275	.0	+14
GOLDWOOD GLAMOUR 284642----------	16 daughters-	23	7,519	5.4	405
Born, 11-6-39; proved, 11-4-48; dead; Md.	12 daughters-	16	7,357	5.5	406
Sire, 257118; dam, 562872.	12 dams------	34	7,293	5.3	388
Herd Owner, Howard H. Greenfield, Joppa.	Difference---	(6-11-7)	+64	+.2	+18
GREEN GABLES PROUD LANE 301135----------	7 daughters--	12	8,941	4.9	441
Born, 12-17-40; proved, 11-8-48; dead; Ill.	7 dams-------	23	6,849	5.1	353
Sire, 192431; dam, 331077.	Difference---	(5-3-5)	+2,092	-.2	+88
Herd Owner, Green Gables Farm, Freeport.					
HADDON'S VICTORY 317067----------	5 daughters--	5	9,143	5.1	462
Born, 11-2-41; proved, 11-1-48;----; N. J.	5 dams-------	9	9,392	5.0	474
Sire, 253178; dam, 406235.	Difference---	(2-3-1)	-249	+.1	-12
Herd Owner, Russell Prickett, Medford.					
HEARTSEASE BUTTERFAT FAVOR 217085----------	14 daughters-	44	8,933	4.7	423
Born, 1-4-34; proved, 11-1-48;----; Conn.	6 daughters--	20	8,997	4.7	419
Sire, 148228; dam, 286958.	6 dams-------	17	7,638	4.9	378
Herd Owner, Tudor F. Holcomb, West Granby.	Difference---	(4-1-5)	+1,359	-.2	+41
HEBE'S KING MAXIM 279802----------	12 daughters-	12	5,722	4.9	282
Born, 11-3-38; proved, 11-1-48;----; Minn.	10 daughters-	10	5,758	4.9	283
Sire, 222009; dam, 415139.	10 dams------	27	6,871	4.8	329
Herd Owner, A. V. Garlock, Bemidji.	Difference---	(2-6-3)	-1,113	+.1	-46
IMOGENE'S MAJESTY'S HERO 322583----------	6 daughters--	7	9,939	5.4	533
Born, 4-3-42; proved, 11-19-48;----; Iowa.	6 dams-------	19	10,006	4.9	489
Sire, 270783; dam, 505756.	Difference---	(2-6-4)	-67	+.5	+44
Herd Owner, Truman Gingerich, Parnell.					
JOETHEL FARMS ROSEBUD'S LEADER 320326----------	10 daughters-	13	8,035	4.7	375
Born, 2-15-42; proved, 11-23-48;----; Iowa.	7 daughters--	9	7,851	4.6	358
Sire, 300597; dam, 443835.	7 dams-------	13	6,636	4.8	317
Herd Owner, Raymond Baetke, Long Grove.	Difference---	(6-3-6)	+1,215	-.2	+41
KENFLEUR'S FRANCIS GENE 243597----------	11 daughters-	14	7,586	5.4	408
Born, 3-6-36; proved, 11-15-48;----; Ill.	6 daughters--	7	7,659	5.5	420
Sire, 215459; dam, 345366.	6 dams-------	11	7,720	5.1	392
Herd Owner, Heidenreich Brothers, Woodbine.	Difference---	(4-4-4)	-61	+.4	+28
KENFLEUR'S HARLOW REFLECTOR 283355----------	8 daughters--	8	7,680	4.8	365
Born, 11-19-39; proved, 11-2-48;----; Ill.	8 dams-------	18	7,252	4.4	322
Sire, 251754; dam, 477958.	Difference---	(4-5-6)	+428	+.4	+43
Herd Owner, John A. Reusch & Son, Elizabeth.					
KING LEAR'S KNIGHT 298037----------	7 daughters--	7	9,330	5.2	489
Born, 11-3-40; proved, 11-23-48;----; Pa.	7 dams-------	47	8,080	5.0	401
Sire, 233700; dam, 455417.	Difference---	(5-6-7)	+1,250	+.2	+88
Herd Owner, William H. Woolverton, Alexandria.					
LAKE DELAWARE SVENGALI 293845----------	14 daughters-	15	8,792	4.6	405
Born, 7-8-40; proved, 11-19-48;----; Pa.	9 daughters--	10	8,596	4.7	400
Sire, 212967; dam, 367378.	9 dams-------	23	9,207	4.8	444
Herd Owner, Flying Hill Farms, Reading.	Difference---	(2-3-2)	-611	-.1	-44
LANANDY SAINT NICHOLAS 295949----------	6 daughters--	6	5,516	4.3	235
Born, 12-26-38; proved, 11-9-48;----; Conn.	5 daughters--	5	5,660	4.3	243
Sire, 217137; dam, 412025.	5 dams-------	18	7,537	4.4	331
Herd Owner, Ralph H. Wilcox, Middletown.	Difference---	(0-3-0)	-1,877	-.1	-88
LANGWATER MARIUS 314905----------	6 daughters--	8	7,797	4.7	365
Born, 12-12-41; proved, 11-2-48; dead; N. J.	6 dams-------	22	7,727	4.7	364
Sire, 252897; dam, 663067.	Difference---	(3-3-3)	+70	.0	+1
Herd Owner, Paul Astalosh, Pennington.					
LANGWATER MEED 311084----------	10 daughters-	11	9,258	4.3	397
Born, 9-30-41; proved, 11-15-48;----; Mich.	6 daughters--	7	9,094	4.4	397
Sire, 252897; dam, 396684.	6 dams-------	9	7,386	4.4	328
Herd Owner, Wabeck Farms, Pontiac.	Difference---	(6-2-6)	+1,708	.0	+69
LEADER OF SINKING SPRINGS 302655----------	7 daughters--	7	9,311	4.9	455
Born, 12-22-40; proved, 11-1-48;----; Pa.	6 daughters--	6	9,295	4.9	458
Sire, 217317; dam, 268708.	6 dams-------	25	8,179	5.1	419
Herd Owner, Sinking Spring Farm, York.	Difference---	(4-1-4)	+1,116	-.2	+39

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LEADER'S BUCCANEER OF WYANET 300597----------	6 daughters--	9	8,994	4.6	411
Born, 2-3-40; proved, 11-10-48;----; Iowa.	6 dams-------	22	8,164	5.0	409
Sire, 199132; dam, 552252.	Difference---	(4-1-2)	+830	-.4	+2
Herd Owner, Wyanet Dairy Farm, Davenport.					
LOMA SENSATION'S AJAX 232098----------	6 daughters--	6	6,414	4.6	296
Born, 9-18-35; proved, 11-19-48;----; Mich.	6 dams-------	13	7,848	4.8	377
Sire, 146487; dam, 400023.	Difference---	(0-3-0)	-1,434	-.2	-81
Herd Owner, Harold Kingsbury, Lapeer.					
LOOKWELL MAJESTY 241590----------	6 daughters--	6	9,889	4.4	439
Born, 5-1-36; proved, 11-12-48;----; Ill.	6 dams-------	14	8,287	5.0	417
Sire, 210930; dam, 361678.	Difference---	(5-0-2)	+1,602	-.6	+22
Herd Owner, J. D. Milliken, Princeton.					
MAGGIE'S PROGRESS OF OAK GROVE 296098----------	10 daughters-	18	7,677	5.0	384
Born, 8-12-40; proved, 11-29-48;----; Pa.	9 daughters--	14	7,565	5.0	378
Sire, 180880; dam, 400087.	9 dams-------	25	8,941	4.9	435
Used in Clarion Co. A. B. A.	Difference---	(2-5-2)	-1,376	+.1	-57
MAJOR OF GREENFIELD FARM 252508----------	8 daughters--	13	9,170	4.9	446
Born, 3-28-37; proved, 11-17-48;----; Mich.	5 daughters--	8	8,799	5.0	444
Sire, 170848; dam, 323259.	5 dams-------	8	7,884	4.6	362
Herd Owner, S. D. Emerson & Son, Saline.	Difference---	(2-5-3)	+915	+.4	+82
MAYWOOD MARKSMAN 308678----------	7 daughters--	8	7,201	4.9	353
Born, 2-18-41; proved, 11-12-48;----; Pa.	7 dams-------	24	8,483	5.0	422
Sire, 204887; dam, 462385.	Difference---	(1-4-2)	-1,282	-.1	-69
Herd Owner, Clarence R. Hack, Berwick.					
MCCULLOUGH'S LINCOLN 302914----------	6 daughters--	6	7,140	4.6	331
Born, 2-12-41; proved, 11-12-48;----; Pa.	5 daughters--	5	7,877	4.6	364
Sire, 270930; dam, 297335.	5 dams-------	14	8,047	4.9	398
Herd Owner, McKinley Woy, Everett.	Difference---	(3-2-3)	-170	-.3	-34
MCDONALD FARMS PROPHET 333442----------	5 daughters--	5	9,650	5.2	498
Born, 9-12-42; proved, 11-24-48;----; Maine.	5 dams-------	22	10,076	5.0	501
Sire, 212227; dam, 495980.	Difference---	(2-3-2)	-426	+.2	-3
Used in Androscoggin Valley A. B. A.					
MCDONALD FARMS SHIERWOOD KING 342720----------	6 daughters--	6	7,955	4.8	379
Born, 3-2-43; proved, 11-16-48;----; Ind.	6 dams-------	22	9,533	4.7	448
Sire, 233983; dam, 446129.	Difference---	(1-3-1)	-1,578	+.1	-69
Herd Owner, P. O. Shierling & Sons, Winchester.					
MEADOW LODGE KING'S GLADIATOR 303868----------	9 daughters--	11	7,055	5.0	356
Born, 2-26-41; proved, 11-12-48;----; Kans.	9 dams-------	31	7,916	4.8	380
Sire, 196128; dam, 510765.	Difference---	(5-7-4)	-861	+.2	-24
Herd Owner, Ivan Green, Erie.					
MEADOW LODGE KING'S ROYAL 302147----------	12 daughters-	17	8,452	5.0	419
Born, 3-2-41; proved, 11-23-48;----; Mo.	10 daughters-	14	8,753	4.9	431
Sire, 196128; dam, 534200.	10 dams------	16	8,936	4.9	440
Herd Owner, P. A. Holmes & Son, Mt. Vernon.	Difference---	(4-6-4)	-183	.0	-9
MEADOW LODGE REX'S IMPORTER 242516----------	5 daughters--	5	4,889	4.7	230
Born, 10-23-36; proved, 11-19-48;----; Kans.	5 dams-------	18	6,775	4.9	332
Sire, 159247; dam, 237532.	Difference---	(1-1-1)	-1,886	-.2	-102
Herd Owner, J. Harold Cowen, Fort Scott.					
MOBJACK VALOR 311707----------	6 daughters--	8	6,273	4.5	282
Born, 5-7-41; proved, 11-8-48;----; Va.	5 daughters--	7	6,322	4.6	291
Sire, 273046; dam, 544547.	5 dams-------	11	7,719	4.5	344
Herd Owner, Laurel Springs Dairy, Marion.	Difference---	(0-3-2)	-1,397	+.1	-53
MONARCH'S COUNTRY GENTLEMAN 255453----------	5 daughters--	6	8,486	5.0	421
Born, 11-3-35; proved, 11-16-48;----; Wis.	5 dams-------	8	7,834	5.1	401
Sire, 152102; dam, 294078.	Difference---	(4-3-3)	+652	-.1	+20
Herd Owner, Fulton & Duncan, Waukesha.					
MT. ARARAT CHALLENGER'S ACE 298330----------	8 daughters--	9	9,473	5.3	498
Born, 2-18-41; proved, 11-9-48; dead; Md.	6 daughters--	7	9,537	5.4	511
Sire, 214064; dam, 438456.	6 dams-------	22	7,830	5.2	407
Herd Owner, Lloyd Balderston, Colora.	Difference---	(5-4-5)	+1,707	+.2	+104
MULHOCAWAY BUTTERFAT DAMON 302036----------	11 daughters-	13	8,327	4.5	375
Born, 5-8-41; proved, 11-18-48;----; N. J.	10 daughters-	12	8,273	4.5	371
Sire, 192478; dam, 536030.	10 dams------	27	7,829	4.5	348
Herd Owner, Tinsmanton Farms, Bloomsbury.	Difference---	(7-3-7)	+444	.0	+23
NORTHERNER'S LAD 296880----------	5 daughters--	6	6,498	5.3	347
Born, 2-4-41; proved, 11-4-48; dead; N. J.	5 dams-------	8	6,088	4.9	300
Sire, 243819; dam, 415212.	Difference---	(3-4-3)	+410	+.4	+47
Herd Owner, Fred Atterburg, High Bridge.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OLIVE'S SOLICITOR 248481----------	20 daughters-	50	6,038	5.0	304
Born, 5-27-36; proved, 11-4-48;----; Pa.	17 daughters-	44	5,895	5.0	295
Sire, 207642; dam, 356242.	17 dams------	90	6,914	4.9	342
Herd Owner, Paul W. Lewis & Sons, Washington.	Difference---	(4-11-7)	-1,019	+.1	-47
PANSY'S MAXIM 309168----------	6 daughters--	7	7,050	4.5	318
Born, 6-28-41; proved, 11-16-48;----; Va.	5 daughters--	6	7,004	4.5	317
Sire, 278637; dam, 574790.	5 dams-------	10	7,277	4.7	345
Herd Owner, W. S. Green, Crewe.	Difference---	(3-2-2)	-273	-.2	-28
PEARL'S SUPREME OF PEGUEA VIEW 331867----------	7 daughters--	12	7,249	5.0	360
Born, 12-10-37; proved, 11-29-48;----; Pa.	5 daughters--	8	6,869	5.0	346
Sire, 224884; dam, 428952.	5 dams-------	14	7,685	4.9	379
Herd Owner, Clyde H. Breneman, Willow Street.	Difference---	(1-3-2)	-816	+.1	-33
PECK'S SARGON ACHIEVEMENT 307517----------	7 daughters--	9	9,833	4.6	456
Born, 7-20-41; proved, 11-29-48;----; Ill.	7 dams-------	14	9,105	5.1	465
Sire, 211402; dam, 260288.	Difference---	(5-1-4)	+728	-.5	-9
Herd Owner, Peck's Farm, Geneva.					
PENN VILLA'S MAGIC 250644----------	13 daughters-	14	7,527	4.2	313
Born, 2-16-37; proved, 11-23-48;----; Ohio.	9 daughters--	10	7,487	4.1	309
Sire, 206454; dam, 404023.	9 dams-------	14	7,071	4.4	314
Herd Owner, Hanna Coal Co., Duncanwood.	Difference---	(6-3-5)	+416	-.3	-5
PRINCE OF ORCHARDHURST 262397----------	6 daughters--	6	5,688	4.6	263
Born, 2-11-38; proved, 11-16-48;----; N. Y.	6 dams-------	16	6,400	4.4	284
Sire, 221254; dam, 349008.	Difference---	(2-5-2)	-712	+.2	-21
Herd Owner, Leland R. Cole & Son, Cairo.					
PROSON'S CRUSADER 320447----------	7 daughters--	10	7,524	4.8	364
Born, 2-13-42; proved, 11-24-48;----; Md.	6 daughters--	9	7,789	4.8	371
Sire, 258443; dam, 503083.	6 dams-------	15	9,385	4.1	383
Herd Owner, G. Wm. England, Rising Sun.	Difference---	(2-6-3)	-1,596	+.7	-12
QUEEN'S REX OF COWHAM FARM 248384----------	13 daughters-	20	8,180	4.8	390
Born, 4-21-37; proved, 11-24-48;----; Mich.	7 daughters--	12	8,371	4.8	403
Sire, 230249; dam, 400863.	7 dams-------	11	7,618	5.0	379
Herd Owner, R. D. Bradford & Son, Alma.	Difference---	(4-4-4)	+753	-.2	+24
RAEMELTON CORKING DOUGLAS 294251----------	13 daughters-	18	8,016	5.2	417
Born, 6-9-40; proved, 11-4-48;----; Pa.	11 daughters-	13	8,056	5.2	417
Sire, 244893; dam, 364759.	11 dams------	41	8,102	5.0	405
Herd Owner, Leasure Run Farm, New Bethlehem.	Difference---	(6-8-7)	-46	+.2	+12
RAMBLER OF DELPHI DELL 306200----------	12 daughters-	15	9,292	4.7	436
Born, 3-8-41; proved, 11-1-48; dead; Wash.	8 daughters--	10	9,247	4.7	439
Sire, 279532; dam, 535020.	8 dams-------	22	8,940	5.0	448
Herd Owner, O. C. Spencer, Cle Elum.	Difference---	(4-2-5)	+307	-.3	-9
REX'S PRINCE OF HILLSIDE 327114----------	11 daughters-	11	7,829	4.8	375
Born, 11-3-42; proved, 11-1-48:----; Pa.	11 dams------	36	7,950	4.7	370
Sire, 302140; dam, 531342.	Difference---	(6-9-7)	-121	+.1	+5
Herd Owner, Clarence A. Lash, West Newton.					
RIVEREDGE LEVITY BRUCE 260085----------	22 daughters-	33	7,956	4.6	365
Born, 11-21-37; proved, 11-10-48;----; Pa.	22 dams------	109	8,063	4.9	396
Sire, 225789; dam, 453840.	Difference---	(13-8-8)	-107	-.3	-31
Herd Owner, Ernest E. Ritter, Winfield.					
ROCK CREEK REAPER 301804----------	10 daughters-	12	9,295	4.5	422
Born, 8-25-40; proved, 11-10-48;----; Ill.	9 daughters--	11	9,536	4.5	431
Sire, 185816; dam, 329192.	9 dams-------	34	8,243	4.8	397
Herd Owner, Dorvillee Farm, Barrington.	Difference---	(7-4-6)	+1,293	-.3	+34
ROUGHWOOD ADVANCE 305089----------	5 daughters--	5	9,152	4.6	421
Born, 12-22-40; proved, 11-17-48;----; Mass.	5 dams-------	11	8,984	4.7	423
Sire, 260622; dam, 454400.	Difference---	(3-2-2)	+168	-.1	-2
Herd Owner, Wataquadock Farm, Bolton.					
ST. ALBANS ACTOR'S BOY 303136----------	9 daughters--	9	8,581	4.7	407
Born, 8-5-40; proved,11-1-48; alive; Mo.	7 daughters--	7	8,545	4.7	404
Sire, 197446; dam, 361976.	7 dams-------	13	7,383	4.9	362
Herd Owner, Pevely Dairy Farm, Crescent.	Difference---	(6-3-4)	+1,162	-.2	+42
SANDY LEE OF PRAIRIE BLOOM 285143----------	8 daughters--	13	9,999	4.5	450
Born, 4-17-39; proved, 11-23-48;----; Oreg.	6 daughters--	10	10,012	4.7	470
Sire, 264943; dam, 512020.	6 dams-------	10	10,536	4.4	461
Herd Owner, Echo Hollow Dairy, Eugene.	Difference---	(4-4-3)	-524	+.3	+9
SHELDEGREN PRINCE VICTORY 305035----------	6 daughters--	8	7,999	5.1	411
Born, 2-28-41; proved, 11-17-48;----; Mass.	6 dams-------	23	7,068	5.1	363
Sire, 234606; dam, 426398.	Difference---	(4-4-5)	+931	.0	+48
Herd Owner, Sheldegren Farm, Greenfield.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SHERWOOD FOREST SOVEREIGN 296102----------	15 daughters-	23	8,397	5.0	419
Born, 7-6-40; proved, 11-8-48;----; Pa.	14 daughters-	22	8,248	5.0	413
Sire, 225916; dam, 335098.	14 dams------	59	7,504	4.8	359
Herd Owner, David W. Robertson, Belle Vernon.	Difference---	(11-11-13)	+744	+.2	+54
STERLING FOREMOST SUN 328786----------	10 daughters-	21	7,756	4.3	334
Born, 5-8-40; proved, 11-8-48;----; Va.	9 daughters--	19	7,670	4.4	339
Sire, 236851; dam, 578175.	9 dams-------	31	7,877	4.2	328
Herd Owner, Sterling Farm, Sterling.	Difference---	(4-5-5)	-207	+.2	+11
STUART VIEW PRIDE'S SIGNOR 322021----------	8 daughters--	11	6,499	4.7	302
Born, 9-24-41; proved, 11-9-48; dead; Mont.	7 daughters--	9	6,362	4.8	303
Sire, 244955; dam, 477785.	7 dams-------	18	6,110	4.6	279
Herd Owner, William J. Collins, Whitehall.	Difference---	(4-5-5)	+252	+.2	+24
THATCH MEADOW GOLIATH 297505----------	7 daughters--	10	7,338	5.0	368
Born, 9-12-40; proved, 11-17-48;----; Iowa.	6 daughters--	8	7,583	5.0	376
Sire, 257754; dam, 576956.	6 dams-------	21	6,918	4.9	340
Herd Owner, Floyd Creswell, Reinbeck.	Difference---	(5-4-4)	+665	+.1	+36
THIRLSTANE KING EUGENE 273140----------	11 daughters-	12	8,283	4.8	394
Born, 4-30-39; proved, 11-12-48;----; Conn.	8 daughters--	9	8,487	4.7	399
Sire, 198142; dam, 469046.	8 dams-------	17	8,649	5.0	436
Herd Owner, Pharos Farm, Simsbury.	Difference---	(5-1-4)	-162	-.3	-37
THORN HILL CHIN 313717----------	16 daughters-	18	6,991	5.2	361
Born, 5-14-41; proved, 11-16-48;----; Minn.	7 daughters--	8	6,942	5.3	368
Sire, 243707; dam, 483410.	7 dams-------	7	6,315	5.3	332
Herd Owner, Minnewashta Farm, Excelsior.	Difference---	(5-3-5)	+627	.0	+36
TOPSIDE TRIDENT 277942----------	13 daughters-	17	10,175	5.0	510
Born, 4-24-39; proved, 11-19-48;----; Calif.	10 daughters-	13	10,403	5.0	521
Sire, 243748; dam, 519472.	10 dams------	38	9,524	4.7	452
Herd Owner, Bay Meadow Dairy, Santa Clara.	Difference---	(7-9-7)	+879	+.3	+69
TOPSY'S MORTGAGE LIFTER 228013----------	6 daughters--	12	6,902	5.1	349
Born, 5-30-35; proved, 11-12-48;----; Va.	5 daughters--	11	7,037	5.0	352
Sire, 195503; dam, 87425.	5 dams-------	19	6,995	4.6	323
Herd Owner, Brandon Farms, Brandon.	Difference---	(2-3-3)	+42	+.4	+29
TWIN SPRINGS DON 266546----------	10 daughters-	11	7,965	5.0	399
Born, 3-21-38; proved, 11-18-48;----; Oreg.	6 daughters--	6	7,919	5.0	393
Sire, 217944; dam, 414740.	6 dams-------	6	9,059	4.5	406
Herd Owner, G. O. Selander & Sons, Corvallis.	Difference---	(2-6-3)	-1,140	+.5	-13
VERNA'S PAT OF KELLY HILL FARM 318814----------	6 daughters--	9	7,496	5.2	388
Born, 2-20-42; proved, 11-17-48;----; Pa.	6 dams-------	39	8,959	4.6	408
Sire, 258318; dam, 503623.	Difference---	(0-6-3)	-1,463	+.6	-20
Herd Owner, Walter O. Lash, West Newton.					
WALNUT CREST STANDFAST'S MAJOR 322295----------	9 daughters--	9	9,126	4.7	430
Born, 7-3-42; proved, 11-18-48;----; Maine.	8 daughters--	8	9,303	4.6	431
Sire, 264905; dam, 429932.	8 dams-------	24	8,461	5.1	430
Used in Maine Co-op. A. B. A.	Difference---	(6-2-5)	+842	-.5	+1
WANDAMERE PHYLIP 309648----------	10 daughters-	11	9,431	4.8	451
Born, 7-18-41; proved, 11-16-48;----; Wash.	6 daughters--	7	9,338	4.8	448
Sire, 298155; dam, 367464.	6 dams-------	17	8,554	4.7	398
Herd Owner, George M.Dynes, Mount Vernon.	Difference---	(5-4-5)	+784	+.1	+50
WAR CLOUD'S DEAN OF EAST VIEW 318708----------	7 daughters--	8	8,196	4.8	394
Born, 1-24-42; proved, 11-9-48;----; Mich.	7 dams-------	23	8,687	4.8	418
Sire, 222221; dam, 406170.	Difference---	(2-4-2)	-491	.0	-24
Herd Owner, Grant Travis, Clifford.					
WEY ACRES GLENDEE 266368----------	9 daughters--	13	8,431	4.6	387
Born, 12-28-37; proved, 11-1-48;----; Wis.	8 daughters--	11	8,622	4.5	392
Sire, 227277; dam, 478394.	8 dams-------	34	6,652	4.9	323
Herd Owner, Oscar R. Frauenheim, Random Lake.	Difference---	(7-4-7)	+1,970	-.4	+69
13-A1837 (DHIA EARTAG)----------	5 daughters--	8	6,281	4.9	310
Born, ----; proved, 11-16-48;----; Vt.	5 dams-------	26	7,519	4.4	334
Sire, ----; dam, ----.	Difference---	(1-5-2)	-1,238	+.5	-24
Herd Owner, Mrs. A. E. Forbes & Sons, Chester.					
23*399234 (BANGS OR TB EARTAG)----------	10 daughters-	54	7,391	4.9	363
Born, ----; proved, 11-2-48;----; Pa.	5 daughters--	20	7,338	4.9	357
Sire, ----; dam, ----.	5 dams-------	15	9,076	4.5	404
Herd Owner, Clarence B. Allshouse, Tunkhannock.	Difference---	(1-3-1)	-1,738	+.4	-47

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ADMIRAL FOBES BEECHWOOD LAD 797424----------	7 daughters--	10	10,024	3.4	345
Born, 5-19-39; proved, 11-1-48;----; Wis.	6 daughters--	8	9,878	3.4	340
Sire, 716662; dam, 1462583.	6 dams-------	16	10,963	3.5	380
Herd Owner, Emil Wehausen & Son, Manitowoc.	Difference---	(2-4-3)	-1,085	-.1	-40
ALCARTRA CARNATION WAYNE 839389----------	12 daughters-	18	9,217	3.7	340
Born, 9-20-41; proved, 11-9-48; dead; N. Y.	7 daughters--	11	9,509	3.5	330
Sire, 770702; dam, 2046774.	7 dams-------	26	11,326	3.4	386
Herd Owner, Ernest M. Dann, Hamden.	Difference---	(1-3-1)	-1,817	+.1	-56
ALFALFALAND OMA COMMANDER POSCH 879064----------	5 daughters--	5	10,317	3.6	373
Born, 5-4-42; proved, 11-18-48; alive; N. Y.	5 dams-------	27	11,143	3.7	410
Sire, 767230; dam, 1839261.	Difference---	(2-2-1)	-826	-.1	-37
Herd Owner, Murray D. Safanie, Ancram.					
ALPINE VIEW KING MINKIE KORNDYKE 860965----------	8 daughters--	9	14,263	3.5	494
Born, 3-9-42; proved, 11-12-48; dead; Ind.	7 daughters--	8	14,694	3.5	513
Sire, 717284; dam, 1956483.	7 dams-------	20	14,198	3.4	488
Herd Owner, Calvin R. Liechty & Son, Berne.	Difference---	(2-4-4)	+496	+.1	+25
BADGER POSCH FOBES MODEL DELL 869066----------	5 daughters--	5	12,398	3.5	432
Born, 12-11-42; proved, 11-12-48;----; Wis.	5 dams-------	24	12,867	3.3	431
Sire, 816450; dam, 1600966.	Difference---	(3-5-3)	-469	+.2	+1
Used in Dairy Genetics A. B. A., Inc.					
BAKER FARM MESSENGER 846294----------	9 daughters--	11	13,701	3.4	464
Born, 1-22-42; proved, 11-18-48; dead; Mass.	7 daughters--	7	13,802	3.4	467
Sire, 785359; dam, 2080081.	7 dams-------	30	12,364	3.4	416
Herd Owner, Mount Hope Dairy, Taunton.	Difference---	(4-4-4)	+1,438	.0	+51
BARON KORNDYKE RAG APPLE DE KOL 753676----------	7 daughters--	14	12,585	3.5	443
Born, 10-1-31; proved, 11-15-48;----; N. Y.	5 daughters--	11	12,069	3.6	433
Sire, 661108; dam, 196074 CHB.	5 dams-------	17	13,490	3.4	452
Herd Owner, Henry Card, Fredonia.	Difference---	(1-4-1)	-1,421	+.2	-19
BELLE-VERNON DEAN ORMSBY MONOGRAM 837502----------	8 daughters--	8	14,001	3.4	483
Born, 7-20-41; proved, 11-10-48; dead; Ohio.	7 daughters--	7	13,876	3.5	482
Sire, 666968; dam, 1492157.	7 dams-------	18	11,063	3.4	373
Herd Owner, R. Wesemeyer, Grafton.	Difference---	(6-5-6)	+2,813	+.1	+109
BELLEVUE URST BONHEUR 827070----------	10 daughters-	12	11,760	3.6	422
Born, 1-1-41; proved, 11-9-48;----; Va.	7 daughters--	9	11,690	3.5	411
Sire, 723557; dam, 1712437.	7 dams-------	13	10,934	3.6	392
Herd Owner, R. E. McComb, Purcellville.	Difference---	(4-2-4)	+756	-.1	+19
BLACK DIAMOND KING 808502----------	6 daughters--	10	12,566	3.5	435
Born, 12-2-39; proved, 11-15-48; dead; N. Y.	6 dams-------	13	11,625	3.3	387
Sire, 743453; dam, 1795330.	Difference---	(4-5-5)	+941	+.2	+48
Herd Owner, Pat C. Dugan, Altamont.					
BLACKIE MODEL RETREAT 924829----------	6 daughters--	10	13,214	3.7	485
Born, 8-29-41; proved, 11-17-48;----; Pa.	6 dams-------	25	11,519	3.7	426
Sire, 897686; dam, 2432881.	Difference---	(4-3-4)	+1,695	.0	+59
Herd Owner, Sarah J. Weaver, Strausstown.					
BLOSSOM HILL LAIRD ANITA BOY 928011----------	6 daughters--	7	11,655	3.3	387
Born, 2-28-42; proved, 11-17-48; dead; N. J.	6 dams-------	35	12,494	3.4	429
Sire, 714543; dam, 1839613.	Difference---	(2-3-1)	-839	-.1	-42
Herd Owner, Blossom Hill Farm, Lebanon.					
BOAST DAD CAPTAIN 847692----------	10 daughters-	10	11,395	3.7	418
Born, 1-28-42; proved, 11-10-48;----; N. Y.	10 dams------	38	12,282	3.4	415
Sire, 756710; dam, 1843761.	Difference---	(4-10-6)	-887	+.3	+3
Herd Owner, Arthur Ivett & Sons, South Dayton.					
BONNY BROOK DOT ORMSBY SURVIVOR 822511----------	8 daughters--	10	13,320	3.6	479
Born, 12-17-40; proved, 11-9-48;----; N. Y.	7 daughters--	9	13,535	3.6	487
Sire, 736331; dam, 1711127.	7 dams-------	23	10,876	3.6	390
Herd Owner, J. Warren Eagan, New Paltz.	Difference---	(6-3-6)	+2,659	.0	+97
BOSCAWEN ONONIS PIETERTJE HARTOG 834397----------	14 daughters-	18	9,291	3.8	351
Born, 4-22-41; proved, 11-18-48;----; N. H.	11 daughters-	14	9,286	3.7	346
Sire, 689990; dam, 1714881.	11 dams------	18	10,651	3.8	402
Herd Owner, J. Ralph Graham, Jr., Boscawen.	Difference---	(4-6-4)	-1,365	-.1	-56
BROADRUN ORMSBY SEGIS 829376----------	10 daughters-	16	10,968	3.7	404
Born, 12-11-40; proved, 11-15-48;----; Va.	8 daughters--	13	11,039	3.8	416
Sire, 718630; dam, 2014604.	8 dams-------	35	9,953	3.8	377
Herd Owner, Sterling Farm, Sterling.	Difference---	(6-4-6)	+1,086	.0	+39
BUD SPOFFORD ORMSBY 795660----------	7 daughters--	8	9,724	3.3	320
Born, 11-27-37; proved, 11-3-48; dead; N. Y.	5 daughters--	6	9,962	3.3	326
Sire, 612688; dam, 1523183.	5 dams-------	13	10,537	3.6	375
Herd Owner, Wigsten Farms, Horseheads.	Difference---	(2-1-2)	-575	-.3	-49

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CAERNARVON PIEBE ORMSBY 675689----------	8 daughters--	11	13,157	3.5	454
Born, 2-15-33; proved, 11-24-48;----; Pa.	7 daughters--	8	13,268	3.5	459
Sire, 617478; dam, 1200890.	7 dams-------	17	10,928	3.5	380
Herd Owner, Earl Stoltzfus, Pottstown.	Difference---	(6-3-5)	+2,340	.0	+79
CALLAWAY CARNATION FAVORITE 801143----------	6 daughters--	8	12,707	3.2	407
Born, 2-27-40; proved, 11-8-48;----; Mo.	6 dams-------	16	13,072	3.4	440
Sire, 722370; dam, 1753922.	Difference---	(3-2-3)	-365	-.2	-33
Herd Owner, Missouri State School, Marshall.					
CALLAWAY CARNATION PRIDE 798885----------	20 daughters-	34	11,138	3.4	377
Born, 9-3-39; proved, 11-1-48;----; Mo.	12 daughters-	23	10,892	3.4	374
Sire, 722370; dam, 1389183.	12 dams------	40	12,787	3.3	420
Herd Owner, State Hospital #1, Fulton.	Difference---	(2-9-3)	-1,895	+.1	-46
CARNATION DOMINATOR 858418----------	7 daughters--	8	12,688	3.7	472
Born, 5-6-42; proved, 11-19-48; alive; N. Y.	6 daughters--	7	12,717	3.7	472
Sire, 629472; dam, 1742897.	6 dams-------	17	12,224	3.4	421
Used in New York Co-op. A. B. A., Inc.	Difference---	(4-6-5)	+493	+.3	+51
CARNATION IMPERIAL INKA MADCAP 857470----------	5 daughters--	5	12,371	3.7	462
Born, 5-29-42; proved, 11-17-48;----; Minn.	5 dams-------	15	11,489	3.8	433
Sire, 698462; dam, 2068792.	Difference---	(5-2-4)	+882	-.1	+29
Herd Owner, Roy C. Jensen, Raymond.					
CARNATION IMPERIAL MADCAP LAD 837650----------	9 daughters--	12	15,363	3.6	554
Born, 10-21-41; proved, 11-9-48; alive; Wash.	9 dams-------	42	14,537	3.5	509
Sire, 698462; dam, 1909689.	Difference---	(6-7-7)	+826	+.1	+45
Herd Owner, Emil Youngquist, Mount Vernon.					
CARNATION ORMSBY SANDY 757046 *9----------	40 daughters-	97	11,645	3.4	400
Born, 11-13-37; proved, 11-10-48;----; N. Y.	29 daughters-	65	11,688	3.4	403
Sire, 396511; dam, 1165197.	29 dams------	73	11,922	3.7	436
Herd Owner, Jonesvale Dairy, Cazenovia.	Difference---	(15-8-11)	-234	-.3	-33
CARNATION WALKER RENOWN 837651----------	8 daughters--	9	11,482	3.3	377
Born, 10-23-41; proved, 11-8-48;----; Ariz.	8 dams-------	16	11,967	3.3	398
Sire, 771562; dam, 1512365.	Difference---	(3-4-3)	-485	.0	-21
Herd Owner, Sunset Dairy, Tucson.					
CHALKER FARM PEANUT ELLEN 864907----------	13 daughters-	16	9,099	3.6	326
Born, 11-16-41; proved, 11-18-48;----; Vt.	7 daughters--	8	9,774	3.7	359
Sire, 750253; dam, 2088612.	7 dams-------	11	9,587	3.8	369
Herd Owner, K. H. & D. Hallock, New Haven.	Difference---	(5-3-5)	+187	-.1	-10
CHERRYBOLD ORMSBY LAD 827288----------	6 daughters--	6	10,949	3.8	415
Born, 6-20-41; proved, 11-15-48;----; Wis.	6 dams-------	12	14,225	3.6	506
Sire, 796226; dam, 2014320.	Difference---	(0-5-1)	-3,276	+.2	-91
Herd Owner, Bonny Oak Farm, Bristol.					
CHIEF PIEBE GERBEN COLANTHA JOHN L 709889 *6----------	38 daughters-	76	11,373	3.5	400
Born, 9-26-34; proved, 11-24-48;----; Va.	35 daughters-	72	11,436	3.5	404
Sire, 444088; dam, 1493663.	35 dams------	157	12,171	3.5	425
Herd Owner, L. J. Crowgey, Wytheville.	Difference---	(13-20-16)	-735	.0	-21
CHIEF PIEBE GERBEN COLA STAR LAD 707797 *8----------	28 daughters-	89	12,062	3.5	421
Born, 7-13-34; proved, 11-23-48; dead; Pa.	23 daughters-	75	12,018	3.4	414
Sire, 444088; dam, 1459558.	23 dams------	91	13,219	3.3	432
Herd Owner, Laurelton State Village, Laurelton.	Difference---	(7-19-9)	-1,201	+.1	-18
CHIEF PIEBE NINE-O-FIVE DI-GERB C P-L C 833907----------	8 daughters--	8	12,069	3.5	424
Born, 5-15-41; proved, 11-3-48;----; Pa.	8 dams-------	34	12,749	3.6	455
Sire, 444088; dam, 2020524.	Difference---	(5-2-3)	-680	-.1	-31
Herd Owner, Marshall Brothers, Beyer.					
CHIEF PIEBE PRIDE GERBEN COLAN BOON 715360 *12----------	14 daughters-	25	12,215	3.5	423
Born, 1-6-35; proved, 11-23-48; dead; Pa.	9 daughters--	15	12,680	3.6	452
Sire, 444088; dam, 1379862.	9 dams-------	52	11,007	3.3	363
Herd Owner, Pennsylvania Training School, Morganza.	Difference---	(7-7-8)	+1,673	+.3	+89
CHIEF SEGIS CREAMELLA ORMSBY 808162----------	10 daughters-	10	10,001	3.6	362
Born, 9-23-40; proved, 11-15-48;----; Va.	7 daughters--	7	10,330	3.6	375
Sire, 709889; dam, 1973072.	7 dams-------	28	11,074	3.5	382
Herd Owner, John G. Seibel, Roanoke.	Difference---	(2-6-3)	-744	+.1	-7
CLOVERCOURT ONA ROYAL BLEND 864116----------	6 daughters--	6	11,191	3.9	435
Born, 12-23-42; proved, 11-8-48;----; N. Y.	6 dams-------	19	14,505	3.4	491
Sire, 788399; dam, 1977471.	Difference---	(0-6-3)	-3,314	+.5	-56
Herd Owner, Peter Martens, Bainbridge.					
CLOVER HEIGHTS BURKE PRILLY 815596----------	13 daughters-	14	13,575	3.5	469
Born, 11-22-39; proved, 11-5-48;----; N. Y.	10 daughters-	11	13,711	3.4	470
Sire, 719432; dam, 1708629.	10 dams------	19	12,775	3.7	475
Herd Owner, Clover Heights Farm, Pittsford.	Difference---	(7-2-7)	+936	-.3	-5

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CLYDE HILL MERCEDES BESS BURKE LAD 799190----------	8 daughters--	9	11,487	3.7	427
Born, 6-6-40; proved, 11-3-48; alive; Mo.	7 daughters--	7	11,558	3.7	427
Sire, 664525; dam, 1568175.	7 dams-------	18	10,808	3.6	386
Herd Owner, St. Mary's Seminary, Perryville.	Difference---	(4-6-5)	+750	+.1	+41
COLONY FLOOD KOBA ROMEO 2D 849238----------	11 daughters-	16	12,646	3.3	420
Born, 9-1-38; proved, 11-16-48; dead; Wash.	6 daughters--	8	13,203	3.3	441
Sire, 106832 CHB; dam, 319445 CHB.	6 dams-------	14	13,739	3.2	439
Herd Owner, James B. Reilly, Ferndale.	Difference---	(3-5-4)	-536	+.1	+2
COMMANDER PRINCE HENGERVELD 809419----------	16 daughters-	17	11,226	3.5	387
Born, 12-16-39; proved, 11-18-48;----; Wis.	10 daughters-	10	10,861	3.5	378
Sire, 653086; dam, 989346.	10 dams------	17	10,711	3.5	379
Herd Owner, Barrett Brothers, Camp Douglas.	Difference---	(6-5-5)	+150	.0	-1
CORNELL NEPTUNE PRINCE (TWIN) 849655----------	8 daughters--	8	10,532	3.4	360
Born, 2-23-42; proved, 11-17-48; alive; N. Y.	7 daughters--	7	10,439	3.5	363
Sire, 671669; dam, 1841651.	7 dams-------	23	11,372	3.4	383
Herd Owner, Henry H. Rathbun & Sons, Oriskany Falls.	Difference---	(3-4-4)	-933	+.1	-20
CORRECTION SUPREME SILVER 835144----------	6 daughters--	8	11,512	3.6	413
Born, 1-7-41; proved, 11-9-48;----; Wis.	6 dams-------	16	10,921	3.6	396
Sire, 787741; dam, 2024232.	Difference---	(3-4-4)	+591	.0	+17
Herd Owner, Peter Juckem, Chilton.					
CRAG VIEW SIR NEW JOHANNA 873781----------	10 daughters-	13	11,521	3.3	377
Born, 6-2-41; proved, 11-29-48;----; Calif.	7 daughters--	10	11,676	3.3	387
Sire, 793630; dam, 1628989.	7 dams-------	30	11,662	3.2	372
Herd Owner, Strever Curtis, Woodlake.	Difference---	(4-5-6)	+14	+.1	+15
DECREAMCO DEAN ORMSBY SEGIS 666968 *5----------	13 daughters-	15	13,248	3.5	464
Born, 8-28-32; proved, 11-16-48;----; Ohio.	9 daughters--	10	13,294	3.6	483
Sire, 519021; dam, 789220.	9 dams-------	11	11,311	3.7	417
Used in Trumbull-Ashtabula A. B. A.	Difference---	(7-6-6)	+1,983	-.1	+66
DE KOL ORMSBY WHITE EAGLE 783133----------	6 daughters--	9	9,520	3.6	342
Born, 3-4-39; proved, 11-1-48; dead; Minn.	5 daughters--	7	9,283	3.6	333
Sire, 732169; dam, 1534387.	5 dams-------	18	10,449	3.8	402
Herd Owner, James Studer, Foley.	Difference---	(1-1-1)	-1,166	-.2	-69
DE MAAS PAULUS ORMSBY 828939----------	21 daughters-	31	12,754	3.9	499
Born, 2-4-41; proved, 11-15-48; dead; Wash.	13 daughters-	19	13,047	3.9	506
Sire, 768043; dam, 1745926.	13 dams------	40	13,777	3.4	474
Herd Owner, A. P. Schuurman, Kent.	Difference---	(4-12-10)	-730	+.5	+32
DESHONS SIR DIAMOND ORMSBY ISA 796883----------	7 daughters--	7	7,053	3.6	251
Born, 12-11-39; proved, 11-18-48;----; Vt.	7 dams-------	22	9,456	3.5	328
Sire, 676655; dam, 1637607.	Difference---	(1-5-2)	-2,403	+.1	-77
Herd Owner, Mrs. A. H. Flower, West Pawlet.					
DONAMID MASTER CORNUCOPIA BOB 844208----------	8 daughters--	10	11,534	3.6	417
Born, 11-23-41; proved, 11-15-48;----; Iowa.	7 daughters--	8	11,534	3.6	416
Sire, 774750; dam, 2058683.	7 dams-------	32	11,828	3.6	426
Herd Owner, H. F. Rechkemmer & Sons, Oelwein.	Difference---	(3-3-4)	-294	.0	-10
DOUGLAS KORNDYKE SIR FOBES ALLIE 789886----------	7 daughters--	8	10,631	3.7	396
Born, 8-1-39; proved, 11-1-48; dead; Ill.	5 daughters--	6	10,684	3.7	393
Sire, 729675; dam, 1299143.	5 dams-------	12	11,589	3.7	423
Herd Owner, Roy B. Anderson, Winnebago.	Difference---	(1-4-1)	-905	.0	-30
DUKE INKA RAG-HERO (TWIN) 859238----------	5 daughters--	7	13,179	3.8	502
Born, 1-21-42; proved, 11-24-48;----; N. Y.	5 daughters--	17	11,931	3.8	449
Sire, 565375; dam, 1590796.	Difference---	(4-2-4)	+1,248	.0	+53
Used in Southeastern A. B. A., N. C.					
DUNLOGGIN EMINENT 782753----------	28 daughters-	50	12,197	3.5	432
Born, 8-1-39; proved, 11-15-48;----; N. H.	8 daughters--	12	11,374	3.6	407
Sire, 667915; dam, 1314189.	8 dams-------	12	10,432	3.6	377
Herd Owner, Valley Farms, Walpole.	Difference---	(6-4-6)	+942	.0	+30
DUNLOGGIN MASTER SONGSTER 832126----------	5 daughters--	7	12,060	3.5	428
Born, 9-24-41; proved, 11-1-48; dead; Ill.	5 dams-------	14	11,594	3.7	429
Sire, 667915; dam, 1732203.	Difference---	(3-2-3)	+466	-.2	-1
Herd Owner, Rainbow Dairy Farm, Wasco.					
DUNLOGGIN X OLIVER 855185----------	8 daughters--	8	12,250	3.8	467
Born, 7-24-42; proved, 11-17-48;----; Iowa.	7 daughters--	7	11,470	3.8	441
Sire, 793004; dam, 1620339.	7 dams-------	21	12,814	3.5	454
Herd Owner, W. F. Poorman & John Thomas, Des Moines.	Difference---	(3-5-3)	-1,344	+.3	-13
EASTERN MUTUAL ONA 810993----------	5 daughters--	11	11,207	3.5	392
Born, 10-19-39; proved, 11-18-48;----; Ky.	5 dams-------	16	12,835	3.5	447
Sire, 742660; dam, 1534218.	Difference---	(0-3-0)	-1,628	.0	-55
Herd Owner, Eastern Kentucky State Teachers College, Richmond.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
EASTLAKE KING ABBEKERK 815283----------	6 daughters--	8	10,548	3.5	367
Born, 11-26-40; proved, 11-18-48;----; Ill.	6 dams-------	31	12,088	3.7	445
Sire, 621851; dam, 1679066.	Difference---	(1-3-1)	-1,540	-.2	-78
Herd Owner, Eastlake Farm, Dundee.					
ELKADELL GOVERNOR FOBAAGGIE 834556----------	11 daughters-	19	10,252	3.5	354
Born, 11-1-39; proved, 11-10-48;----; Iowa.	10 daughters-	16	10,299	3.5	356
Sire, 525407; dam, 1643741.	10 dams------	37	9,157	3.4	316
Herd Owner, Arthur C. Ruen, Postville.	Difference---	(7-5-5)	+1,142	+.1	+40
ELLBANK MARATHON JEWEL JOE 840120----------	11 daughters-	11	13,070	3.8	498
Born, 3-9-41; proved, 11-15-48; alive; N. Y.	8 daughters--	8	13,348	3.8	513
Sire, 778853; dam, 1916705.	8 dams-------	26	13,196	4.0	523
Herd Owner, C. B. Hoffman, Wallkill.	Difference---	(4-3-5)	+152	-.2	-10
EOH CASCADE COLANTHA 842824----------	10 daughters-	13	11,348	3.4	390
Born, 4-17-41; proved, 11-5-48; alive; Okla.	7 daughters--	9	11,558	3.4	394
Sire, 676735; dam, 1762096.	7 dams-------	12	12,258	3.5	433
Herd Owner, Central Oklahoma State Hospital, Norman.	Difference---	(3-1-2)	-700	-.1	-39
FOBES JOHANNA JACK 857132----------	8 daughters--	12	9,807	3.3	325
Born, 11-19-41; proved, 11-18-48;----; Wis.	5 daughters--	7	9,679	3.3	316
Sire, 830027; dam, 1742767.	5 dams-------	13	10,866	3.2	351
Herd Owner, Brook Hill Farms, Genesee Depot.	Difference---	(1-4-1)	-1,187	+.1	-35
FOBES NETHERLAND ORMSBY KORNDYKE 860768----------	10 daughters-	12	9,653	4.0	382
Born, 8-1-41; proved, 11-12-48; alive; W. Va.	8 daughters--	10	9,608	4.0	384
Sire, 741318; dam, 1791175.	8 dams-------	16	9,131	3.9	357
Herd Owner, Williams Holstein Farm, Lost Creek.	Difference---	(4-7-4)	+477	+.1	+27
FOX FARMS JUPITER ANTIOCH KING 815492----------	5 daughters--	7	12,374	3.4	417
Born, 5-28-40; proved, 11-9-48;----; Pa.	5 dams-------	21	12,418	3.3	412
Sire, 721605; dam, 1730373.	Difference---	(3-3-3)	-44	+.1	+5
Herd Owner, J. Gaylord Confer, Mill Hall.					
FRADOL CORNUCOPIA RAG APPLE 840567----------	7 daughters--	8	10,984	3.3	361
Born, 1-2-39; proved, 11-5-48; dead; N. Y.	7 dams-------	18	10,156	3.6	368
Sire, 120002 CHB; dam, 2254035.	Difference---	(4-1-2)	+828	-.3	-7
Herd Owner, H. R. Wait Co., Auburn.					
GEM PONTIAC ORMSBY 830321----------	7 daughters--	7	14,347	3.2	461
Born, 7-29-41; proved, 11-1-48; dead; Idaho.	7 dams-------	8	14,933	3.2	474
Sire, 784732; dam, 1916252.	Difference---	(4-4-3)	-586	.0	-13
Herd Owner, Delos Hubbard, Grace.					
GENODALE PAUL GERBEN JOCKO 855351----------	8 daughters--	8	12,971	3.4	445
Born, 3-30-42; proved, 11-17-48; alive; N. Y.	6 daughters--	6	12,541	3.5	440
Sire, 680074; dam, 1999032.	6 dams-------	20	12,677	3.6	453
Used in New York Co-op. A. B. A., Inc.	Difference---	(3-2-3)	-136	-.1	-13
GILKEY FARMS TOP NOTCH 877083----------	8 daughters--	9	10,280	3.4	352
Born, 5-14-42; proved, 11-16-48;----; Minn.	7 daughters--	8	9,945	3.5	346
Sire, 678142; dam, 1962034.	7 dams-------	39	11,477	3.4	391
Herd Owner, Roosevelt Ditlevson, Blooming Prairie.	Difference---	(1-4-2)	-1,532	+.1	-45
GLENREST CUPID BURKE EMPEROR 766930----------	11 daughters-	21	11,525	3.7	423
Born, 1-20-38; proved, 11-9-48; dead; N. Y.	6 daughters--	14	11,713	3.5	413
Sire, 726546; dam, 1820403.	6 dams-------	16	10,872	3.6	396
Herd Owner, Nathaniel Hedges & Son, Pine Plains.	Difference---	(3-1-2)	+841	-.1	+17
GOFSON ELI IMPROVER 855276----------	10 daughters-	11	7,227	3.7	267
Born, 12-19-40; proved, 11-24-48;----; Maine.	5 daughters--	6	5,788	3.8	220
Sire, 755100; dam, 2134655.	5 dams-------	11	9,307	3.8	357
Herd Owner, Reformatory for Men, South Windham.	Difference---	(0-2-0)	-3,519	.0	-137
GOVERNOR ACE SEGIS 833250----------	8 daughters--	10	13,979	3.7	522
Born, 7-3-41; proved, 11-24-48;----; Ill.	8 dams-------	29	11,408	3.5	404
Sire, 743882; dam, 1914317.	Difference---	(6-7-6)	+2,571	+.2	+118
Herd Owner, Dr. Karl A. Meyer & Son, Gilman.					
GREAT BAY COLANTHA ORMSBY REGO 827024----------	7 daughters--	7	8,490	3.4	284
Born, 4-18-41; proved, 11-24-48;----; N. H.	7 dams-------	25	9,795	3.5	341
Sire, 709272; dam, 1945345.	Difference---	(2-2-1)	-1,305	-.1	-57
Herd Owner, George Newton Weeks, Greenland.					
GREEN VALE AAGGIE TRIUNE 842167----------	6 daughters--	6	11,379	3.5	395
Born, 8-8-41; proved, 11-16-48;----; Mich.	6 dams-------	14	10,917	3.5	380
Sire, 741567; dam, 2196580.	Difference---	(3-3-4)	+462	.0	+15
Herd Owner, Hehl Brothers, Coopersville.					
HALLROSE MASTER BOY 808294----------	10 daughters-	10	12,230	3.7	453
Born, 9-30-40; proved, 11-15-48;----; Wash.	9 daughters--	9	12,185	3.7	452
Sire, 651570; dam, 1698954.	9 dams-------	13	11,585	3.4	394
Herd Owner, A. P. Schuurman, Kent.	Difference---	(4-8-4)	+600	+.3	+58

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HARTHOLM DEWDROP PREMIER 874237----------	6 daughters--	6	11,596	3.4	398
Born, 10-17-40; proved, 11-23-48;----; Conn.	5 daughters--	5	11,327	3.4	384
Sire, 101771 CHB; dam, 294737 CHB.	5 dams-------	11	10,796	3.5	379
Herd Owner, Connecticut State Prison Farm, Somers.	Difference---	(3-3-3)	+531	-.1	+5
HARTOG BEECHWOOD 843263----------	8 daughters--	9	11,188	3.4	378
Born, 12-14-41; proved, 11-9-48;----; Pa.	8 dams-------	33	11,221	3.3	376
Sire, 768165; dam, 1972877.	Difference---	(5-4-4)	-33	+.1	+2
Herd Owner, Henry W. Fehl & Son, Canonsburg.					
HARTOG GLENCLIFF ECHO ORMSBY 833678----------	6 daughters--	6	11,001	3.5	386
Born, 8-30-41; proved, 11-9-48;----; Wash.	5 daughters--	5	11,670	3.5	407
Sire, 659879; dam, 1871325.	5 dams-------	6	10,386	3.4	349
Herd Owner, Ernest E. Nolte, Everson.	Difference---	(4-5-5)	+1,284	+.1	+58
HAYS DANDY 793757----------	15 daughters-	22	13,559	3.5	481
Born, 5-29-39; proved, 11-1-48;----; Wis.	15 dams------	50	11,741	3.7	431
Sire, 113898 CHB; dam, 211984 CHB.	Difference---	(12-5-11)	+1,818	-.2	+50
Herd Owner, Waukesha County Asylum, Waukesha.					
HEMFRID KELVIN POSCH 812314----------	5 daughters--	7	12,594	3.4	428
Born, 2-28-40; proved, 11-18-48;----; N. Y.	5 dams-------	12	12,095	3.4	416
Sire, 708366; dam, 1748663.	Difference---	(2-2-2)	+499	.0	+12
Herd Owner, Lawrence Smith, Sauquoit.					
HERBSTER PIEBE PIETJE 854867----------	8 daughters--	13	11,339	3.6	410
Born, 7-9-41; proved, 11-18-48;----; Pa.	5 daughters--	8	11,349	3.7	421
Sire, 763688; dam, 1967981.	5 dams-------	16	9,899	3.7	369
Herd Owner, Luther J. Dunmire, McVeytown.	Difference---	(4-2-4)	+1,450	.0	+52
HERSHEY DE KOL ORMSBY 852017----------	7 daughters--	7	9,009	3.6	324
Born, 4-19-42; proved, 11-19-48;----; Pa.	5 daughters--	5	8,964	3.6	320
Sire, 688265; dam, 2061623.	5 dams-------	13	9,546	3.5	335
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-5-2)	-582	+.1	-15
HICKORY HILL MIRANDA BESSIE 838161----------	7 daughters--	7	11,713	3.8	447
Born, 10-16-41; proved, 11-9-48;----; Wis.	7 dams- -----	27	11,986	3.7	443
Sire, 778235; dam, 1861191.	Difference---	(4-6-4)	-273	+.1	+4
Herd Owner, Frank E. Cairns, Mazomanie.					
HILDECREST BARTA ORMSBY 838882----------	6 daughters--	6	12,355	3.7	463
Born, 12-6-41; proved, 11-15-48;----; Wis.	6 dams-------	21	13,014	3.7	482
Sire, 797960; dam, 1160531.	Difference---	(3-3-2)	-659	.0	-19
Herd Owner, Hilmer G. Mueller, Seymour.					
HILLVIEW PIETJE GEORGE 841319----------	6 daughters--	6	10,898	3.6	391
Born, 2-10-41; proved, 11-10-48; dead; N. Y.	5 daughters--	5	10,726	3.6	381
Sire, 659555; dam, 1936368.	5 dams-------	19	13,361	3.5	464
Herd Owner, Carl V. Clarke, Andover.	Difference---	(0-4-0)	-2,635	+.1	-83
HISON BOY 894475----------	9 daughters--	9	10,665	3.7	394
Born, 12-4-42; proved, 11-17-48;----; Minn.	6 daughters--	6	10,477	3.8	396
Sire, 739097; dam, 2010203.	6 dams-------	8	12,346	3.4	416
Herd Owner, Robert Imdieke, Belgrade.	Difference---	(1-6-2)	-1,869	+.4	-20
HORSEPEN ADWOOD HARRY 810513----------	18 daughters-	21	9,140	4.0	362
Born, 9-13-40; proved, 11-29-48;----; Va.	15 daughters-	18	8,997	3.9	354
Sire, 760474; dam, 1974787.	15 dams------	28	9,804	3.7	363
Herd Owner, J. B. Franklin, Herndon.	Difference---	(4-12-8)	-807	+.2	-9
HUNTSDALE O K INVINCIBLE 847064----------	14 daughters-	14	10,433	3.8	400
Born, 12-11-41; proved, 11-18-48; alive; Pa.	13 daughters-	13	10,378	3.8	398
Sire, 752295; dam, 1840111.	13 dams------	30	11,915	3.7	444
Herd Owner, Russell G. Shopp, Camp Hill.	Difference---	(4-10-5)	-1,537	+.1	-46
HURLWOOD CLIPPER 882020----------	6 daughters--	6	12,005	3.3	402
Born, 11-27-42; proved, 11-23-48;----; Vt.	6 dams-------	18	12,393	3.4	425
Sire, 828522; dam, 2406968.	Difference---	(2-3-3)	-388	-.1	-23
Herd Owner, Amherst B. & W. A. Weeks, North Clarendon.					
ILLIANNA BESSIE PERFECTION 882441----------	5 daughters--	5	12,638	3.4	424
Born, 10-29-42; proved, 11-12-48;----; Iowa.	5 dams-------	21	12,316	3.5	433
Sire, 823416; dam, 2207513.	Difference---	(3-2-2)	+322	-.1	-9
Herd Owner, Orval Kinsinger, Parnell.					
INDIANA MERCEDES DE KOL 847922----------	16 daughters-	16	11,778	3.3	388
Born, 8-3-41; proved, 11-16-48;----; Ind.	7 daughters--	7	12,977	3.3	433
Sire, 654504; dam, 1813539.	7 dams-------	8	10,857	3.5	375
Herd Owner, William Bannwart & Sons, Wanatah.	Difference---	(4-3-4)	+2,120	-.2	+58
INKA HOMESTEAD PRINCE 763228----------	8 daughters--	10	11,024	3.6	398
Born, 12-13-37; proved, 11-1-48;----; Ill.	6 daughters--	8	10,575	3.6	382
Sire, 715468; dam, 1406389.	6 dams-------	23	11,842	3.6	426
Herd Owner, Frank Hopp, Elgin.	Difference---	(1-3-2)	-1,267	.0	-44

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
INKA PRIDE OF WOP 697539----------	17 daughters-	40	9,767	3.2	312
Born, 7-2;-[illegible]; proved, 11-24-48;----; N. Dak.	8 daughters--	21	10,520	3.2	342
Sire, 615377; dam, 1481772.	8 dams-------	21	9,882	3.3	328
Herd Owner, State Hospital for Insane, Jamestown.	Difference---	(4-5-4)	+638	-.1	+14
IOWA K B K O INKA DUKE 830386----------	10 daughters-	15	9,723	3.5	340
Born, 4-28-41; proved, 11-5-48;----; Mich.	7 daughters--	10	9,956	3.5	353
Sire, 574194; dam, 1785642.	7 dams-------	13	11,644	3.4	394
Herd Owner, Dr. C. A. Stimson, Eaton Rapids.	Difference---	(1-6-3)	-1,688	+.1	-41
JIM DANDY DESIGN 829491----------	19 daughters-	26	13,024	3.6	466
Born, 6-28-41; proved, 11-3-48; dead; Wash.	6 daughters--	8	12,297	3.6	439
Sire, 738106; dam, 1885970.	6 dams-------	9	12,168	3.4	414
Herd Owner, Walter J. & Vesta Clarkson, Ferndale.	Difference---	(4-5-4)	+129	+.2	+25
JOE HOESLY ORMSBY HOMESTEAD 845576----------	10 daughters-	11	11,533	3.5	400
Born, 1-16-41; proved, 11-16-48;----; Wis.	10 dams------	28	10,386	3.6	377
Sire, 723295; dam, 1946016.	Difference---	(7-4-6)	+1,147	-.1	+23
Herd Owner, William E. Huffman & Sons, Monroe.					
KAHL ORMSBY HOMESTEAD 868923----------	5 daughters--	5	11,875	3.4	404
Born, 10-18-39; proved, 11-15-48;----; Wis.	5 dams-------	15	13,271	3.5	458
Sire, 688763; dam, 1814231.	Difference---	(1-3-1)	-1,396	-.1	-54
Herd Owner, Russell Kahl, Verona.					
K B K O PERFECTION 6TH 806643----------	12 daughters-	13	9,844	3.7	363
Born, 4-2-40; proved, 11-18-48;----; Pa.	11 daughters-	12	10,111	3.7	374
Sire, 752597; dam, 1892627.	11 dams------	38	11,450	3.5	397
Herd Owner, Markey Sands, Tunkhannock.	Difference---	(2-8-4)	-1,339	+.2	-23
KILTZ CHIEFTAIN MERCEDES 834096----------	6 daughters--	6	14,300	3.5	503
Born, 5-18-41; proved, 11-8-48; dead; Ill.	5 daughters--	5	14,290	3.5	504
Sire, 792389; dam, 1861737.	5 dams-------	12	14,018	3.6	498
Herd Owner, A. J. Butz & Son, Kankakee.	Difference---	(3-4-3)	+272	-.1	+6
KING BESS GETTIE OF TAYLAKER 783772----------	20 daughters-	42	11,362	3.3	379
Born, 6-8-39; proved, 11-10-48;----; Calif.	18 daughters-	37	11,269	3.3	374
Sire, 686679; dam, 1688346.	18 dams------	54	11,944	3.2	384
Herd Owner, M. Curti, Waukena.	Difference---	(5-11-9)	-675	+.1	-10
KING COLANTHA AAGGIE DELLA FOBES 785506----------	36 daughters-	61	12,753	3.5	448
Born, 7-17-39; proved, 11-3-48; dead; Ill.	36 dams------	106	11,228	3.3	375
Sire, 751309; dam, 1897628.	Difference---	(26-29-29)	+1,525	+.2	+73
Herd Owner, Roy M. Bennethum, Freeport.					
KING DELLA HOMESTEAD CANARY 821998----------	6 daughters--	9	10,597	3.3	351
Born, 3-8-40; proved, 11-1-48;----; Mich.	6 dams-------	15	13,378	3.1	419
Sire, 698479; dam, 1980616.	Difference---	(0-4-3)	-2,781	+.2	-68
Herd Owner, Fabius Farms, Three Rivers.					
KING ERIC C POSCH 807172----------	13 daughters-	14	10,910	3.3	358
Born, 4-22-40; proved, 11-18-48;----; N. Y.	5 daughters--	5	9,717	3.2	308
Sire, 767230; dam, 1625662.	5 dams-------	13	9,596	3.2	307
Herd Owner, Edwin P. Smith, Sherburne.	Difference---	(2-2-2)	+121	.0	+1
KING GERBEN COLANTHUS CHANGELING 867325----------	9 daughters--	9	12,908	3.3	428
Born, 7-28-42; proved, 11-29-48;----; Colo.	5 daughters--	5	13,428	3.3	449
Sire, 766944; dam, 1936005.	5 dams-------	20	13,696	3.6	490
Herd Owner, Colorado State Penitentiary, Canon City.	Difference---	(2-1-2)	-268	-.3	-41
KING ORMSBY HOMESTEAD PIEBE LAD 788997----------	6 daughters--	20	11,111	3.8	426
Born, 9-19-37; proved, 11-9-48;----; Pa.	6 dams-------	25	11,270	3.5	399
Sire, 704808; dam, 1714794.	Difference---	(2-5-3)	-159	+.3	+27
Herd Owner, F. D. Dock, Lewisburg.					
KLAVER FRIEND PAUL WALKER 682316----------	5 daughters--	7	11,599	3.3	379
Born, 12-24-32; proved, 11-19-48;----; Mont.	5 dams-------	16	11,821	3.3	386
Sire, 388329; dam, 1135226.	Difference---	(2-3-2)	-222	.0	-7
Herd Owner, J. E. Norton, Bozeman.					
LAMAGA HOMESTEAD POSCH WALKER 819292----------	6 daughters--	7	12,283	3.6	437
Born, 3-30-41; proved, 11-19-48; dead; N. Y.	6 dams-------	19	11,593	3.3	385
Sire, 672292; dam, 1979199.	Difference---	(4-5-5)	+690	+.3	+52
Herd Owner, Theodore Neal, South Otselic.					
LAURISTON PLUTO SIR FRANCY 831334----------	23 daughters-	31	12,003	3.4	402
Born, 2-25-41; proved, 11-4-48; dead; N. Y.	11 daughters-	12	11,475	3.3	374
Sire, 120957 CHB; dam, 214700 CHB.	11 dams------	17	11,693	3.2	370
Herd Owner, Henry Sheppard, Stanley.	Difference---	(5-8-5)	-218	+.1	+4
LAUXMONT ADMIRAL KATSEE 787405 *(Aug. 1948)----------	15 daughters-	31	11,060	3.8	423
Born, 3-1-39; proved, 11-23-48; dead; N. J.	15 dams------	51	12,228	3.5	428
Sire, 696612; dam, 1820969.	Difference---	(6-12-8)	-1,168	+.3	-5
Herd Owner, George P. McDanolds, Jr., Augusta.					

HOLSTEIN SIRES	Animals	[illegible]	[illegible]	[illegible]	[illegible]
	Number	Number	[illegible]	[illegible]	[illegible]
LENHAHA TIDY KING BESSIE PIETERTJE 8[illegible]----------	5 daughters--	9	[illegible]	[illegible]	[illegible]
Born, 11-20-40; proved, 11-19-48;----; Iowa.	5 dams-------	16	[illegible]	[illegible]	[illegible]
Sire, 708578; dam, 1899408.	Difference---	(3-5-4)	+1,153	[illegible]	[illegible]
Herd Owner, Emil Zurcher & Son, Farmersburg.					
LIBERTY HILL CARNATION MAJOR 7[illegible]800----------	10 daughters-	20	12,827	3.4	432
Born, 10-10-38; proved, 11-8-48;----; N. Y.	9 daughters--	19	12,500	[illegible]	426
Sire, 739007; dam, 1800825.	7 dams-------	16	[illegible]	3.5	469
Herd Owner, Parce Hannan, Fairport.	Difference---	(4-4-3)	-[illegible]98	-.1	-43
LIME ROCK DON 811343----------	9 daughters--	15	9,126	3.7	[illegible]
Born, 12-14-39; proved, 11-16-48;----; Pa.	6 daughters--	11	8,[illegible]74	[illegible]	309
Sire, 692659; dam, 1783093.	6 dams-------	21	11,074	3.7	406
Herd Owner, Guy S. Reed, Summit Station.	Difference---	(0-2-0)	-2,500	-.1	-97
LINE COLANTHA GERBEN OF UTRECHT 721802 *9----------	14 daughters-	18	12,649	3.7	465
Born, 5-1-35; proved, 11-29-48; dead; Pa.	13 daughters-	17	12,524	3.6	457
Sire, 514307; dam, 1325171.	13 dams------	78	12,186	3.3	408
Herd Owner, Roy S. Bowen, Wellsboro.	Difference---	(6-13-7)	+338	+.3	+49
LOOK-FAR STAR BUNTY BOY 836945----------	8 daughters--	10	12,323	3.4	422
Born, 12-12-39; proved, 11-9-48;----; Ill.	7 daughters--	8	12,834	3.4	436
Sire, 742327; dam, 1786836.	7 dams-------	36	13,597	3.5	478
Herd Owner, August F. Dieckmann, Lebanon.	Difference---	(2-2-2)	-763	-.1	-42
LOS ROBLES DE KOL ORMSBY MATADOR (TWIN) 883094----------	8 daughters--	8	14,513	3.6	523
Born, 5-4-43; proved, 11-1-48; alive; Calif.	7 daughters--	7	14,447	3.6	521
Sire, 720947; dam, 1506731.	7 dams-------	25	12,458	3.6	448
Herd Owner, William A. Sims, Elk Grove.	Difference---	(7-4-6)	+1,989	.0	+73
MACARTHUR ORMSBY KORNDYKE 858019----------	7 daughters--	7	13,236	3.3	442
Born, 3-12-42; proved, 11-17-48; dead; N. Y.	6 daughters--	6	13,427	3.3	448
Sire, 802955; dam, 1936659.	6 dams-------	22	12,581	3.3	416
Herd Owner, E. W. Rhodes & Son, Elmira.	Difference---	(3-5-4)	+846	.0	+32
MAJESTY ORMSBY SYLVIA 828627----------	8 daughters--	8	11,542	3.8	435
Born, 4-11-41; proved, 11-19-48; alive; Minn.	6 daughters--	6	11,259	3.9	437
Sire, 771582; dam, 1862721.	6 dams-------	8	8,787	3.7	323
Herd Owner, George Hawkinson, Forest Lake.	Difference---	(5-5-6)	+2,472	+.2	+114
MAN-O-WAR PREMIER PERFECTION REX 897625----------	7 daughters--	9	13,180	3.6	476
Born, 10-27-41; proved, 11-23-48;----; N. Y.	5 daughters--	6	12,559	3.6	457
Sire, 806641; dam, 2106754.	5 dams-------	7	9,272	3.7	346
Herd Owner, Froms E. Weed & Sons, Ballston Lake.	Difference---	(4-3-4)	+3,287	-.1	+111
MAPLE VALLEY FOBES ORMSBY 814115----------	7 daughters--	10	11,896	3.5	421
Born, 12-28-40; proved, 11-5-48;----; Pa.	6 daughters--	9	11,776	3.6	421
Sire, 770718; dam, 1892553.	6 dams-------	12	12,122	3.2	393
Herd Owner, J. M. & L. L. Steffy, Dayton.	Difference---	(2-5-5)	-346	+.4	+28
MAPLE VALLEY POSCH INKA 836270----------	6 daughters--	7	9,512	3.4	319
Born, 12-17-41; proved, 11-19-48;----; Pa.	6 dams-------	24	10,154	3.4	344
Sire, 723862; dam, 1956575.	Difference---	(1-3-1)	-642	.0	-30
Herd Owner, Robert M. Morgan & Sons, Bridgeville.					
MARQUETTE INKA VEEMAN COLANTHA 834019----------	9 daughters--	11	12,795	3.4	436
Born, 10-3-41; proved, 11-5-48;----; Mich.	7 daughters--	9	12,477	3.4	427
Sire, 662656; dam, 1758854.	7 dams-------	13	12,827	3.5	445
Herd Owner, George F. Alger, Milan.	Difference---	(3-3-3)	-350	-.1	-18
MATADOR SEGIS INKA DE KOL 825838----------	10 daughters-	14	9,916	3.7	370
Born, 1-11-41; proved, 11-17-48;----; Pa.	7 daughters--	9	10,006	3.8	376
Sire, 734510; dam, 1831905.	7 dams-------	33	11,400	3.7	418
Herd Owner, Fairview State Hospital, Waymart.	Difference---	(3-5-3)	-1,394	+.1	-42
MCNABBS KING TOITILLA JEWEL DUKE 814011----------	10 daughters-	13	14,074	3.7	519
Born, 12-4-40; proved, 11-8-48;----; Ill.	10 dams------	28	12,607	3.8	473
Sire, 717613; dam, 1902298.	Difference---	(6-5-6)	+1,467	-.1	+46
Herd Owner, Rolling Woods Farm, Elgin.					
MEADOW FARM GERBEN ORMSBY COUNT 803968----------	21 daughters-	26	10,582	3.8	398
Born, 9-13-40; proved, 11-24-48;----; Va.	15 daughters-	19	10,832	3.7	402
Sire, 666739; dam, 1581142.	15 dams------	43	11,397	3.6	413
Herd Owner, Meadow Farm, Orange.	Difference---	(8-12-7)	-565	+.1	-11
M F SIR BESSIE POSCH 828672----------	7 daughters--	7	12,326	3.6	442
Born, 2-25-41; proved, 11-1-48; dead; N. Y.	6 daughters--	6	12,223	3.6	442
Sire, 789480; dam, 1891321.	6 dams-------	9	10,521	3.7	386
Herd Owner, Wallace M. Whitley, Ellisburg.	Difference---	(5-2-5)	+1,702	-.1	+56
MICHALSKI FARM MIKE PIEBE 943073----------	8 daughters--	9	8,953	3.7	330
Born, 4-5-42; proved, 11-19-48;----; Pa.	6 daughters--	7	9,007	3.7	335
Sire, 753782; dam, 1759754.	6 dams-------	7	9,963	3.4	341
Herd Owner, V. J. Michalski & Sons, Saxonburg.	Difference---	(3-4-3)	-956	+.3	-6

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MILBRUEK PLOSSIE KING 727295	26 daughters-	52	10,530	3.8	398
Born, 5-15-35; proved, 11-12-48;----; Pa.	21 daughters-	41	10,821	3.8	406
Sire, 584588; dam, 1561129.	21 dams------	98	12,078	3.6	432
Herd Owner, Peters Brothers, Port Matilda.	Difference---	(7-19-9)	-1,257	+.2	-26
MISHICOT MATADOR KING 849246	5 daughters--	5	10,970	3.5	387
Born, 2-16-42; proved, 11-5-48;----; Wis.	5 dams-------	23	11,181	3.6	403
Sire, 796503; dam, 2081399.	Difference---	(2-3-1)	-211	-.1	-16
Herd Owner, Frank Bergel & Son, Two Rivers.					
M M PLUS HOMESTEAD AAGGIE 856356	11 daughters-	11	10,876	3.7	401
Born, 9-5-42; proved, 11-23-48;----; Wis.	10 daughters-	10	10,940	3.7	402
Sire, 711327; dam, 2071986.	10 dams------	30	10,165	3.5	354
Herd Owner, Harold D. Bennett, Oakfield.	Difference---	(5-8-7)	+775	+.2	+48
MOHOFAR OUTBIDDER 866871	8 daughters--	9	12,699	3.3	421
Born, 8-13-41; proved, 11-3-48;----; N. Y.	6 daughters--	7	13,203	3.3	441
Sire, 825540; dam, 2237585.	6 dams-------	28	14,389	3.3	473
Herd Owner, Joseph Brill, Stone Ridge.	Difference---	(1-3-2)	-1,186	.0	-32
MONONA RAG APPLE MUSIC MASTER 719666	12 daughters-	32	12,203	3.5	432
Born, 7-15-35; proved, 11-23-48;----; Ill.	5 daughters--	13	12,007	3.5	422
Sire, 585511; dam, 1559732.	5 dams-------	10	8,765	3.5	308
Herd Owner, Wavellyn Farms, Plano.	Difference---	(4-3-5)	+3,242	.0	+114
MOOSEHEART ADMIRAL CALMEY 833540	7 daughters--	7	12,270	4.2	511
Born, 8-20-41; proved, 11-1-48; dead; Ill.	6 daughters--	6	11,320	4.3	485
Sire, 779713; dam, 1976485.	6 dams-------	18	11,181	3.8	421
Herd Owner, Clarence Meyer & Son, Peotone.	Difference---	(3-5-4)	+139	+.5	+64
MOOSEHEART ADMIRAL DELLA FOBES 845522	9 daughters--	9	11,607	3.6	422
Born, 2-22-42; proved, 11-16-48;----; Ill.	7 daughters--	7	11,556	3.6	417
Sire, 779713; dam, 1935860.	7 dams-------	32	9,798	3.6	350
Herd Owner, Lortz Brothers, Freeburg.	Difference---	(6-6-7)	+1,758	.0	+67
MT PLEASANT JOHANNA SEGIS PONTIAC 878652	5 daughters--	5	12,674	3.7	468
Born, 1-12-43; proved, 11-23-48;----; Iowa.	5 dams-------	14	14,240	3.6	509
Sire, 729187; dam, 1832594.	Difference---	(2-3-2)	-1,566	+.1	-41
Herd Owner, J. J. & J. L. Mosher, Salem.					
MT PLEASANT SILVER BOW IOWANA POSCH 847520	5 daughters--	5	12,809	3.3	424
Born, 9-26-41; proved, 11-5-48;----; Iowa.	5 dams-------	13	12,442	3.5	440
Sire, 708559; dam, 1778612.	Difference---	(3-1-2)	+367	-.2	-16
Herd Owner, Rockcrest Farms, Elkader.					
NEWMONT GENERAL MACARTHUR 849863	8 daughters--	8	10,076	3.5	356
Born, 1-26-42; proved, 11-9-48;----; Vt.	7 daughters--	7	9,797	3.6	350
Sire, 731387; dam, 1770595.	7 dams-------	49	11,488	3.3	380
Herd Owner, Landon Farm, New Haven.	Difference---	(2-7-2)	-1,691	+.3	-30
N J E S CHIEF ORMSBY ARTIS FEDERATE 726054 *11	59 daughters-	85	10,799	3.8	409
Born, 5-11-36; proved, 11-1-48; alive; N. J.	39 daughters-	52	11,125	3.8	426
Sire, 675841; dam, 1061023.	39 dams------	118	12,194	3.6	440
Used in Morris Co. A. B. A.	Difference---	(12-31-14)	-1,069	+.2	-14
N J E S CONQUEROR DARKIE JEWREY 806696	9 daughters--	9	10,317	3.9	399
Born, 3-22-40; proved, 11-4-48;----; Va.	9 dams-------	35	10,021	3.5	353
Sire, 673525; dam, 1709609.	Difference---	(4-9-8)	+296	+.4	+46
Herd Owner, Sterling Farm, Sterling.					
NORTH STAR GELSCHE BOY 767286	26 daughters-	35	10,714	3.6	382
Born, 4-14-38; proved, 11-16-48; dead; Minn.	19 daughters-	26	10,823	3.6	385
Sire, 703318; dam, 1807550.	19 dams------	47	10,247	3.6	367
Herd Owner, Hastings State Hospital, Hastings.	Difference---	(12-10-11)	+576	.0	+18
NORTH STAR KORNDE MASCOT 818407	9 daughters--	9	10,469	3.4	357
Born, 3-5-41; proved, 11-8-48;----; Wis.	8 daughters--	8	10,525	3.4	361
Sire, 742938; dam, 1824980.	8 dams-------	14	11,310	3.3	376
Herd Owner, O. M. White, Clear Lake.	Difference---	(2-6-5)	-785	+.1	-15
OAKDALE BESSIE ORMSBY DICTATOR 784839	15 daughters-	19	12,139	3.5	430
Born, 7-30-39; proved, 11-17-48;----; Iowa.	10 daughters-	14	12,398	3.5	430
Sire, 692526; dam, 1558576.	10 dams------	25	13,987	3.2	441
Herd Owner, Iowa State Penitentiary, Fort Madison.	Difference---	(3-10-5)	-1,589	+.3	-11
OLIVER ORMSBY PRINCE (TWIN) 880178	6 daughters--	7	12,571	3.5	441
Born, 9-7-42; proved, 11-12-48; alive; N. Y.	6 dams-------	14	11,217	3.6	408
Sire, 760725; dam, 2093002.	Difference---	(6-1-4)	+1,354	-.1	+33
Herd Owner, Henry T. Hughes, Bath.					
OLLIE BUTTERCUP COLANTHA 820117	9 daughters--	10	10,554	3.3	346
Born, 1-25-41; proved, 11-10-48;----; Wis.	9 dams-------	22	10,592	3.3	346
Sire, 767595; dam, 1975874.	Difference---	(4-6-4)	-38	.0	0
Herd Owner, Walter Haberman, Brodhead.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OLLIE COLANTHA INKA 853378----------	9 daughters--	12	14,153	3.3	460
Born, 4-15-41; proved, 11-17-48;----; Ohio.	7 daughters--	10	14,311	3.2	456
Sire, 714552; dam, 1905839.	7 dams-------	17	12,573	3.3	418
Herd Owner, Joe Shoop, Findley.	Difference---	(6-2-5)	+1,738	-.1	+38
OOSTIE PREMIER HOESLY 783830----------	18 daughters-	24	10,688	3.3	354
Born, 1-30-39; proved, 11-16-48;----; Wis.	14 daughters-	20	11,098	3.3	367
Sire, 725856; dam, 1487994.	14 dams------	33	11,026	3.5	381
Herd Owner, John Sattler, Poy Sippi.	Difference---	(8-4-7)	+72	-.2	-14
ORMSBY BEETS BURKE SKYLARK 904652----------	9 daughters--	9	10,406	3.3	343
Born, 8-28-42; proved, 11-17-48;----; Iowa.	6 daughters--	6	10,352	3.4	348
Sire, 825351; dam, 2382361.	6 dams-------	10	10,347	3.5	363
Herd Owner, Hallis Enyart & E. J. Handy, Postville.	Difference---	(2-1-3)	+5	-.1	-15
ORMSBY FOBES MERCEDES CORNUCOPIA 903643----------	8 daughters--	8	13,745	3.4	465
Born, 1-13-42; proved, 11-18-48; dead; N. Y.	8 dams-------	24	10,358	3.5	363
Sire, 786828; dam, 2079032.	Difference---	(8-2-8)	+3,387	-.1	+102
Herd Owner, Union Springs Academy, Union Springs.					
ORMSBY FOBES POLKADOT INKA 697599 *5----------	13 daughters-	23	14,000	3.4	481
Born, 12-15-33; proved, 11-16-48;----; Ohio.	13 dams------	23	13,404	3.4	460
Sire, 608003; dam, 1523983.	Difference---	(9-8-9)	+596	.0	+21
Herd Owner, John T. Westrick, Defiance.					
ORMSBY KING CREATOR WAYNE 832592----------	6 daughters--	12	11,440	3.7	427
Born, 10-18-41; proved, 11-9-48; dead; W. Va.	5 daughters--	10	11,759	3.7	435
Sire, 737147; dam, 1429929.	5 dams-------	10	11,447	3.5	403
Herd Owner, Thomas Garton, Jane Lew.	Difference---	(3-3-3)	+312	+.2	+32
ORMSBY PEBBLE BEACH KNIGHT 832388----------	5 daughters--	6	10,256	3.8	392
Born, 9-5-41; proved, 11-23-48;----; N. Y.	5 dams-------	5	11,503	3.4	392
Sire, 783448; dam, 1805518.	Difference---	(1-5-3)	-1,247	+.4	0
Herd Owner, Erwin Runions, Fulton.					
ORMSBY PEDRO CARNATION CLASSIC 826977----------	7 daughters--	7	8,982	3.6	324
Born, 4-10-41; proved, 11-9-48;----; Ill.	5 daughters--	5	9,369	3.6	338
Sire, 780924; dam, 1891659.	5 dams-------	7	9,725	3.3	320
Herd Owner, Konrad Bormet & Son, Mokena.	Difference---	(3-5-3)	-356	+.3	+18
OSBORNDALE DUKE ORMSBY SPITFIRE 869634----------	5 daughters--	5	12,543	4.0	497
Born, 11-7-42; proved, 11-23-48;----; N. Y.	5 dams-------	25	13,007	3.8	501
Sire, 760645; dam, 2072106.	Difference---	(1-4-1)	-464	+.2	-4
Herd Owner, Cortez J. Pells, Hillsdale.					
OSBORNDALE KING GYPSIE 728302 *9----------	52 daughters-	149	9,446	3.6	338
Born, 4-18-36; proved, 11-10-48;----; N. Y.	21 daughters-	52	9,254	3.6	329
Sire, 676023; dam, 1532272.	21 dams------	43	9,639	3.4	326
Herd Owner, I. H. & W. A. Hunt, New Woodstock.	Difference---	(8-16-13)	-385	+.2	+3
OSBORNDALE KING MADOC ORMSBY 865873----------	6 daughters--	7	11,352	3.4	387
Born, 10-26-42; proved, 11-15-48;----; Pa.	5 daughters--	5	11,710	3.4	397
Sire, 676023; dam, 2073439.	5 dams-------	14	10,813	3.6	394
Herd Owner, Glenn Rebuck, Greencastle.	Difference---	(3-1-2)	+897	-.2	+3
OSBORNDALE MORRIS ORMSBY TOVARICH 786373 *11----------	28 daughters-	50	12,999	3.6	470
Born, 12-10-39; proved, 11-23-48; dead; Conn.	27 daughters-	49	13,074	3.6	472
Sire, 760642; dam, 1822677.	27 dams------	89	13,417	3.6	479
Herd Owner, Whirlwind Hill Farm, Wallingford.	Difference---	(13-18-11)	-343	.0	-7
PABST BARTA WOOD 832581----------	8 daughters--	9	12,760	3.1	399
Born, 9-23-41; proved, 11-18-48;----; Wis.	6 daughters--	7	13,452	3.1	416
Sire, 761980; dam, 2028075.	6 dams-------	15	9,455	3.3	311
Herd Owner, John Stahl, Chilton.	Difference---	(6-2-6)	+3,997	-.2	+105
PABST CASCADER PRIDE 6TH 789345----------	10 daughters-	15	8,176	3.3	273
Born, 1-29-40; proved, 11-4-48;----; Wis.	7 daughters--	8	7,451	3.3	246
Sire, 730072; dam, 1934627.	7 dams-------	14	7,862	3.5	277
Herd Owner, Dr. Costello Farm, Randolph.	Difference---	(1-3-2)	-411	-.2	-31
PABST EMINENT 845331----------	11 daughters-	15	13,497	3.8	511
Born, 1-20-42; proved, 11-16-48;----; Pa.	9 daughters--	11	13,628	3.8	522
Sire, 761980; dam, 1772337.	9 dams-------	35	13,347	3.5	467
Herd Owner, Silvis Farm, Inc., Greensburg.	Difference---	(5-8-5)	+281	+.3	+55
PABST ROAMER 859213----------	15 daughters-	15	14,545	3.6	528
Born, 10-27-42; proved, 11-24-48;----; Wis.	13 daughters-	13	14,976	3.6	545
Sire, 697789; dam, 1553599.	13 dams------	42	13,550	3.7	496
Herd Owner, George J. Weidman, Cedarburg.	Difference---	(10-8-9)	+1,426	-.1	+49
PAGANOK ADMIRAL SENOR ORMSBY 813769----------	6 daughters--	10	11,711	3.5	408
Born, 1-8-41; proved, 11-19-48;----; Nev.	6 dams-------	23	11,247	3.4	384
Sire, 717831; dam, 1925718.	Difference---	(3-4-3)	+464	+.1	+24
Herd Owner, Ben A. Pflum, Fallon.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PALANOIS ORMSBY CARNATION CLASSIC 780924----------	14 daughters-	18	11,065	3.5	390
Born, 12-30-38; proved, 11-9-48;----; Ill.	14 dams------	26	11,724	3.5	415
Sire, 722360; dam, 1807194.	Difference---	(5-8-4)	-659	.0	-25
Herd Owner, Herbert Bettenhausen, Tinley Park.					
PANSY CONFIDENT LADY 830497----------	9 daughters--	9	13,561	3.7	498
Born, 2-26-41; proved, 11-5-48; dead; Minn.	6 daughters--	6	13,644	3.7	500
Sire, 764118; dam, 1894048.	6 dams-------	10	11,441	3.7	425
Herd Owner, A. T. Schaffer, Rosemount.	Difference---	(6-4-5)	+2,203	.0	+75
PEERLESS ORMSBY VELMA 784627----------	8 daughters--	11	10,584	3.4	361
Born, 2-21-39; proved, 11-23-48;----; Minn.	5 daughters--	6	9,797	3.4	336
Sire, 7051[illegible]; dam, 1874640.	5 dams-------	5	11,040	3.5	382
Herd Owner, J. A. Boesch, Truman.	Difference---	(1-3-1)	-1,243	-.1	-46
PELLHOLM HOMESTEAD BURKE 856366----------	8 daughters--	8	11,629	3.6	421
Born, 7-14-42; proved, 11-23-48;----; N. Y.	5 daughters--	5	11,496	3.6	417
Sire, 808048; dam, 1931696.	5 dams-------	10	13,011	3.7	475
Herd Owner, Albert C. Bristol, Copake.	Difference---	(1-2-1)	-1,515	-.1	-58
PENN HALL CARNATION CHAMPION (TWIN) 836913----------	9 daughters--	12	11,200	3.6	407
Born, 9-2-41; proved, 11-8-48;----; Pa.	8 daughters--	11	11,398	3.6	406
Sire, 740307; dam, 2164580.	8 dams-------	35	11,888	3.7	437
Herd Owner, J. Fred Davison, Chambersburg.	Difference---	(3-3-2)	-490	-.1	-31
PENN HILL DUKE LUNDE MAY 882537----------	5 daughters--	5	13,761	3.3	459
Born, 2-6-43; proved, 11-23-48;----; N. Y.	5 dams-------	12	12,328	3.4	414
Sire, 806354; dam, 1698045.	Difference---	(4-3-4)	+1,433	-.1	+45
Herd Owner, John Mulligan & Son, Scio.					
PIEBE BARING BLACK BOY 857518----------	6 daughters--	8	11,612	3.8	440
Born, 3-2-42; proved, 11-17-48;----; Pa.	6 dams-------	18	13,301	3.4	450
Sire, 787014; dam, 2233172.	Difference---	(1-6-3)	-1,689	+.4	-10
Herd Owner, Harry E. Hamsher & Sons, Carlisle.					
PIETERTJE PREMIER INKA PRIDE 863502----------	10 daughters-	10	10,830	3.6	388
Born, 1-7-42; proved, 11-23-48;----; Wis.	6 daughters--	6	10,613	3.5	371
Sire, 774711; dam, 2202718.	6 dams-------	12	12,014	3.5	415
Herd Owner, Arthur Gruber, Chilton.	Difference---	(1-3-2)	-1,401	.0	-44
POSCH ORMSBY FOBES DEAN 833964----------	6 daughters--	6	11,815	3.8	448
Born, 6-18-41; proved, 11-12-48;----; Ill.	5 daughters--	5	12,607	3.7	463
Sire, 623972; dam, 1482642.	5 dams-------	14	12,707	3.5	440
Herd Owner, W. T. Rawleigh Co., Freeport.	Difference---	(3-5-4)	-100	+.2	+23
PRINCE INKA ORMSBY MECHTHILDE 801037----------	19 daughters-	26	12,389	3.5	428
Born, 11-27-39; proved, 11-23-48;----; Pa.	11 daughters-	15	12,432	3.4	425
Sire, 561764; dam, 1642361.	11 dams------	15	14,245	3.5	505
Herd Owner, Homehurst Farm, Washington.	Difference---	(2-4-2)	-1,813	-.1	-80
PRINCE MERCEDES PIEBE WALKER 837174----------	12 daughters-	12	8,698	3.5	305
Born, 10-14-41; proved, 11-19-48;----; Iowa.	8 daughters--	8	9,162	3.5	322
Sire, 748673; dam, 1601868.	8 dams-------	10	10,672	3.5	374
Herd Owner, E. A. Weber & Sons, Donnellson.	Difference---	(1-4-1)	-1,510	.0	-52
PRINCE MONTVIC MANIFESTATION 857127----------	7 daughters--	10	10,382	3.7	380
Born, 9-9-41; proved, 11-18-48;----; Va.	6 daughters--	8	10,465	3.7	385
Sire, 751252; dam, 2250845.	6 dams-------	11	10,413	3.5	363
Herd Owner, R. E. McComb, Purcellville	Difference---	(4-4-4)	+52	+.2	+22
PROSPECT SEGIS BOY 831496----------	9 daughters--	9	11,283	3.4	378
Born, 8-22-40; proved, 11-5-48;----; Minn.	8 daughters--	8	11,228	3.4	378
Sire, 754877; dam, 2221639.	8 dams-------	41	10,238	3.7	375
Herd Owner, Max Maas, Pine Island.	Difference---	(6-3-5)	+990	-.3	+3
RAINBOW SIR BESS ROSE 16TH 791118----------	14 daughters-	15	12,147	3.5	424
Born, 10-5-39; proved, 11-1-48;----; Mich.	[illegible] daughters--	10	12,149	3.5	431
Sire, 724856; dam, 1680722.	[illegible] dams-------	[illegible]	13,530	3.4	455
Herd Owner, Robin Carr, Fowlerville.	[illegible]	(2-7-4)	-1,381	+.1	-24
RAVENSWORTH BESSIE DIRECT 783492----------	30 daughters-	45	10,583	3.5	367
Born, 11-16-38; proved, 11-15-48;----; Va.	16 daughters-	26	10,299	3.5	361
Sire, 735856; dam, 1875431.	16 dams------	52	10,609	3.7	393
Herd Owner, Edwin Lynch, Annandale.	Difference---	(6-6-7)	-310	-.2	-32
REAFIELD CHAMPION ORMSBY 794629----------	6 daughters--	7	9,455	3.5	327
Born, 7-6-39; proved, 11-29-48;----; N. Y.	6 dams-------	28	13,703	3.8	516
Sire, 679651; dam, 1216125.	Difference---	(0-0-0)	-4,248	-.3	-189
Herd Owner, John Rea & Son, Cambridge.					
REDFIELD ORMSBY BURKE LAURA 723001----------	9 daughters--	25	10,799	3.5	380
Born, 9-19-35; proved, 11-24-48;----; N. Dak.	5 daughters--	15	10,782	3.6	390
Sire, 650568; dam, 1122423.	5 dams-------	10	11,146	3.3	371
Herd Owner, State Hospital for Insane, Jamestown.	Difference---	(3-5-3)	-364	+ 3	+19

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
REX PANSY CHARM LAUDERDALE 811990	6 daughters--	10	11,753	3.6	428
Born, 10-26-40; proved, 11-9-48; dead; Va.	5 daughters--	7	11,631	3.7	433
Sire, 734054; dam, 1830453.	5 dams-------	20	13,517	3.3	450
Herd Owner, T. E. Jamison, Buchanan.	Difference---	(0-4-3)	-1,886	+.4	-17
RONDOUT FERDINAND THE BULL 770647	10 daughters-	18	12,107	3.4	417
Born, 10-20-38; proved, 11-4-48; dead; N. Y.	6 daughters--	12	11,395	3.5	396
Sire, 681337; dam, 1709465.	6 dams-------	13	13,361	3.4	454
Herd Owner, Leroy Dunn, Kerhonkson.	Difference---	(2-4-1)	-1,966	+.1	-58
SANATORIAN SEGIS WALKER INKA 689703	19 daughters-	36	10,527	3.8	399
Born, 3-2-33; proved, 11-18-48;----; Mo.	5 daughters--	8	10,371	3.9	407
Sire, 561765; dam, 1247991.	5 dams-------	6	8,806	3.6	321
Herd Owner, Maynard Burns, Rogersville.	Difference---	(5-4-5)	+1,565	+.3	+86
SAUNDERSKILL GLENN CADET 922004	5 daughters--	5	10,300	3.5	365
Born, 11-15-42; proved, 11-15-48;----; N. Y.	5 dams-------	11	10,835	3.4	365
Sire, 718551; dam, 2084871.	Difference---	(2-5-3)	-535	+.1	0
Herd Owner, S. Robert Kelder, Stone Ridge.					
SEDGLAND MAN-O-WAR OLLIE 772713	10 daughters-	12	12,701	3.7	468
Born, 4-14-38; proved, 11-3-48;----; Ill.	8 daughters--	10	12,406	3.7	465
Sire, 653086; dam, 1391655.	8 dams-------	13	11,508	3.3	375
Herd Owner, Inka Farms, Hampshire.	Difference---	(5-7-6)	+893	+.4	+90
SEGIS ABBEKERK ORMSBY WATSON 837402	5 daughters--	8	11,499	3.4	386
Born, 10-20-41; proved, 11-16-48;----; Ill.	5 dams-------	21	11,379	3.6	412
Sire, 697174; dam, 1935543.	Difference---	(3-0-1)	+120	-.2	-26
Herd Owner, James H. McKinney & Sons, Toledo.					
SHANGRI-LA FEMCO JEWEL BUTTER KING 852549	5 daughters--	6	8,858	3.6	318
Born, 11-15-41; proved, 11-18-48;----; N. Y.	5 dams-------	11	9,259	3.5	322
Sire, 785189; dam, 2008955.	Difference---	(2-4-2)	-401	+.1	-4
Herd Owner, Murray D. Safanie, Ancram.					
SHAPPEE FARMS KING CARNATION 818243	6 daughters--	8	11,651	3.7	436
Born, 2-9-41; proved, 11-1-48; dead; N. Y.	6 dams-------	28	10,788	3.6	386
Sire, 739011; dam, 1763576.	Difference---	(4-5-5)	+863	+.1	+50
Herd Owner, Ernest F. Stowe & Son, Elmira.					
SHAWS AIM DAUNTLESS BEETS 847162	11 daughters-	11	10,571	3.4	360
Born, 5-1-42; proved, 11-17-48;----; Maine.	11 dams------	36	11,357	3.4	389
Sire, 780041; dam, 1930690.	Difference---	(3-6-4)	-786	.0	-29
Herd Owner, A. Ray Thompson & Sons, Prentiss.					
SHOMONT MERCEDES PIEBE 869603	7 daughters--	7	10,152	3.5	359
Born, 12-12-41; proved, 11-15-48;----; Iowa.	7 dams-------	15	10,309	3.3	344
Sire, 716526; dam, 1431713.	Difference---	(4-6-4)	-157	+.2	+15
Herd Owner, Monroe & Walderbach, Anamosa.					
SIEMERS ADMIRAL ORMSBY SEGIS FOBES 894664	5 daughters--	5	11,101	3.6	405
Born, 10-4-42; proved, 11-10-48;----; Wis.	5 dams-------	17	11,548	3.5	404
Sire, 739117; dam, 1554356.	Difference---	(1-3-3)	-447	+.1	+1
Herd Owner, Walter J. Siemers, Cleveland.					
SILVERLEA SEGIS POSCH ORMSBY 825007	6 daughters--	7	13,463	3.5	471
Born, 12-31-40; proved, 11-1-48;----; Mich.	6 dams-------	33	13,540	3.5	469
Sire, 704308; dam, 2029473.	Difference---	(3-4-3)	-77	.0	+2
Herd Owner, Wieneke Farm, Saginaw.					
SINKING SPRINGS ORMSBY RAG APPLE 821572	7 daughters--	7	13,459	3.8	507
Born, 2-3-42; proved, 11-12-48;----; Pa.	7 dams-------	27	14,335	3.9	564
Sire, 760856; dam, 1937696.	Difference---	(3-5-2)	-876	-.1	-57
Herd Owner, Sinking Spring Farm, York.					
SIR BELLMASTER DESIGN 807552	8 daughters--	8	14,922	3.6	538
Born, 7-28-40; proved, 11-23-48;----; N. Y.	7 daughters--	7	15,277	3.6	554
Sire, 738106; dam, 1885973.	7 dams-------	20	10,544	3.4	362
Herd Owner, Crawford Farms, Millbrook.	Difference---	(7-7-7)	+4,733	+.2	+192
SIR BESS ORMSBY RAINBOW 839976	20 daughters-	23	12,806	3.4	436
Born, 8-20-41; proved, 11-19-48;----; Mich.	18 daughters-	21	12,647	3.4	435
Sire, 780119; dam, 1832935.	18 dams------	65	11,908	3.4	409
Herd Owner, Ralph H. Darling, Rives Junction.	Difference---	(13-12-13)	+739	.0	+26
SIR BESS SEGIS DE KOL OLLIE 791179	14 daughters-	15	12,176	3.5	424
Born, 10-23-39; proved, 11-9-48;----; Ill.	7 daughters--	7	13,561	3.4	460
Sire, 791177; dam, 1614609.	7 dams-------	10	13,084	3.4	448
Herd Owner, Loy McCauley, Dakota.	Difference---	(3-4-4)	+477	.0	+12
SIR DOMINANT FEMCO 838623	6 daughters--	6	12,732	3.6	460
Born, 5-27-41; proved, 11-8-48;----; Wis.	5 daughters--	5	12,903	3.7	472
Sire, 696993; dam, 2041772.	5 dams-------	14	10,046	3.6	359
Herd Owner, Glyndon Soehner, Adell.	Difference---	(5-4-5)	+2,857	+.1	+113

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR FOBES BESSIE DE KOL 888752----------	6 daughters--	6	10,307	3.5	365
Born, 12-3-42; proved, 11-23-48;----; Wis.	6 dams-------	14	12,103	3.4	411
Sire, 746585; dam, 1966638.	Difference---	(2-4-2)	-1,796	+.1	-46
Herd Owner, Walter J. Beilke & Sons, Fairwater.					
SIR FOBES BONHEUR RAG APPLE 834336----------	9 daughters--	11	10,184	3.6	367
Born, 3-12-41; proved, 11-10-48;----; Wis.	8 daughters--	9	10,295	3.6	373
Sire, 743480; dam, 2109951.	8 dams-------	34	11,080	3.4	381
Herd Owner, Valentine Bast & Sons, Hartford.	Difference---	(3-8-4)	-785	+.2	-8
SIR LAURINDA BURKE 737920----------	16 daughters-	19	11,524	3.5	400
Born, 10-15-36; proved, 11-17-48;----; Minn.	5 daughters--	6	12,735	3.4	436
Sire, 622273; dam, 1271822.	5 dams-------	8	10,241	3.4	348
Herd Owner, John P. Peltz, Waconia.	Difference---	(4-4-4)	+2,494	.0	+88
SIR MAZIE LAD 683116----------	8 daughters--	10	11,387	3.2	365
Born, 7-28-32; proved, 11-18-48;----; Ohio.	5 daughters--	6	11,414	3.3	375
Sire, 559416; dam, 1454483.	5 dams-------	5	11,297	3.6	402
Herd Owner, Rolland A. McClure, Franklin.	Difference---	(3-1-2)	+117	-.3	-27
SIR POSCH MAN-O-WAR BESS 814706----------	6 daughters--	7	10,852	3.6	389
Born, 1-17-41; proved, 11-18-48;----; Ill.	5 daughters--	5	10,524	3.6	381
Sire, 714953; dam, 1717534.	5 dams-------	24	10,492	3.7	392
Herd Owner, Allie Bierman & Sons, Wheeler.	Difference---	(3-1-3)	+32	-.1	-11
SIR POSCH ORMSBY DE KOL CORNUCOPIA 821910----------	7 daughters--	12	12,231	3.5	428
Born, 12-24-37; proved, 11-1-48;----; Vt.	6 daughters--	11	12,016	3.4	410
Sire, 661007; dam, 2006661.	6 dams-------	22	11,580	3.6	419
Herd Owner, Sunnybrook Farm, Chelsea.	Difference---	(2-3-3)	+436	-.2	-9
SIR POSCH ORMSBY PONTIAC BOAST 811213----------	6 daughters--	11	10,530	3.6	375
Born, 1-27-40; proved, 11-9-48; dead; Colo.	5 daughters--	9	10,811	3.5	383
Sire, 756954; dam, 1585980.	5 dams-------	20	11,367	3.5	396
Herd Owner, State Industrial School, Golden.	Difference---	(2-1-2)	-556	.0	-13
SIR TIETON COLANTHA BOY 864689----------	9 daughters--	11	13,326	3.7	496
Born, 4-22-42; proved, 11-8-48; dead; Wash.	9 dams-------	20	12,196	3.6	433
Sire, 795085; dam, 1617084.	Difference---	(4-9-7)	+1,130	+.1	+63
Herd Owner, Maid O'Clover Dairy, Wapato.					
SIR VALE COLANTHA HEILO 849519----------	9 daughters--	9	13,127	3.3	436
Born, 11-6-41; proved, 11-15-48;----; Calif.	7 daughters--	7	12,446	3.3	414
Sire, 134993 CHB; dam, 2236709.	7 dams-------	26	13,256	3.3	443
Herd Owner, George H. Sawyer, Waterford.	Difference---	(3-3-3)	-810	.0	-29
SKILLMAN BURTON CONNECTICUT 848634----------	7 daughters--	8	11,031	3.2	354
Born, 9-30-40; proved, 11-18-48;----; N. J.	6 daughters--	7	11,261	3.2	359
Sire, 791883; dam, 1985267.	6 dams-------	11	9,106	3.5	315
Herd Owner, State Village for Epileptics, Skillman.	Difference---	(5-1-5)	+2,155	-.3	+44
SKYLARK ORMSBY HOMESTEAD 863227----------	9 daughters--	13	11,932	3.2	384
Born, 11-24-40; proved, 11-16-48;----; Iowa.	6 daughters--	9	12,121	3.2	389
Sire, 674008; dam, 1967338.	6 dams-------	13	11,910	3.1	370
Herd Owner, Harry Dammann, George.	Difference---	(3-4-3)	+211	+.1	+19
SKYLARK TRITOMIA TRANSMITTER 864371----------	7 daughters--	7	9,984	3.5	354
Born, 6-10-42; proved, 11-10-48;----; Wis.	6 daughters--	6	9,598	3.6	346
Sire, 786590; dam, 2116030.	6 dams-------	10	9,723	3.5	337
Herd Owner, Bonner Brothers, Kansasville.	Difference---	(3-6-3)	-125	+.1	+9
SOMERSET PIEBE ADMIRAL 897869----------	8 daughters--	12	8,956	3.9	351
Born, 9-17-41; proved, 11-17-48;----; Pa.	8 dams-------	38	9,831	3.4	332
Sire, 769173; dam, 2447539.	Difference---	(2-8-6)	-875	+.5	+19
Herd Owner, James K. Wolff, New Alexandria.					
SPENCER FARM MARATHON SENSATION 820366----------	6 daughters--	12	8,868	3.5	309
Born, 10-1-40; proved, 11-1-48;----; Vt.	5 daughters--	10	8,903	3.4	306
Sire, 748616; dam, 1913069.	5 dams-------	17	10,782	3.6	388
Herd Owner, Herrick Spencer, Addison.	Difference---	(1-2-1)	-1,879	-.2	-82
SPRINGBANK PIETJE COMMANDO 896853----------	8 daughters--	8	14,505	3.7	541
Born, 2-3-42; proved, 11-16-48;----; N. Y.	7 daughters--	7	15,033	3.8	568
Sire, 135338 CHB; dam, 2354399.	7 dams-------	28	14,646	3.6	522
Herd Owner, Machold Farms, Ellisburg.	Difference---	(5-6-5)	+387	+.2	+46
STONYSIDE ENSIGN SEGIS HOMESTEAD 819961----------	15 daughters-	21	11,350	3.4	391
Born, 2-17-40; proved, 11-1-48;----; Wis.	13 daughters-	19	11,783	3.4	403
Sire, 721947; dam, 1896478.	13 dams------	40	10,251	3.4	349
Herd Owner, William J. Figi, Sr., Argyle.	Difference---	(11-10-11)	+1,532	.0	+54
STRATTON JEWEL INKA 841895----------	16 daughters-	20	7,992	4.0	317
Born, 10-9-41; proved, 11-16-48;----; Colo.	8 daughters--	11	8,090	4.0	321
Sire, 729200; dam, 1885457.	8 dams-------	39	8,943	3.8	336
Herd Owner, Holland Dairy Co., Colorado Springs.	Difference---	(3-6-3)	-853	+.2	-15

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	[illegible]
	Number	Number	Pounds	Percent	Pounds
SUZONE VALENTINE DICTATOR 7[illegible]11----------	7 daughters--	10	9,047	3.5	[illegible]
Born, 6-9-40; proved, 11-19-48;----; Pa.	7 dams-------	19	10,793	[illegible]	373
Sire, 741324; dam, 1885661.	Difference---	(1-4-1)	-1,746	.0	-60
Herd Owner, Thompson Brothers, Delta.					
TEN-KINK IDA DE KOL MCKINLEY 855676----------	5 daughters--	6	10,493	[illegible]	369
Born, 5-25-42; proved, 11-17-48; dead; Idaho.	5 dams-------	16	11,919	3.3	[illegible]
Sire, 693614; dam, 1462216.	Difference---	(2-4-3)	-1,426	+.2	-22
Herd Owner, Arthur Moser, Preston.					
THE MEADOWS IOWANA ORMSBY VAN ZANDT 867735----------	11 daughters-	11	11,319	3.6	406
Born, 10-29-41; proved, 11-19-48;----; Iowa.	11 dams------	35	11,056	3.5	[illegible]
Sire, 771203; dam, 1901413.	Difference---	(7-8-8)	+263	+.1	+24
Herd Owner, Glenwood State School, Glenwood.					
THISTLE HILL MASTER EDUCATOR 861766----------	5 daughters--	5	[illegible]	[illegible]	421
Born, 3-5-42; proved, 11-5-48;----; N. Y.	5 dams-------	12	11,714	[illegible]	411
Sire, 727609; dam, 1859458.	Difference---	(1-5-2)	-945	+.4	+10
Herd Owner, Harry Goodson & Son, Deansboro.					
THISTLE HILL PIETERTJE MASTER 832371----------	7 daughters--	7	11,610	3.4	400
Born, 7-19-41; proved, 11-1-48; dead; N. Y.	6 daughters--	6	11,361	[illegible]	401
Sire, 727609; dam, 2020078.	6 dams-------	11	11,393	[illegible]	378
Herd Owner, H. H. Fitch & Son, Bridgewater.	Difference---	(4-5-3)	-32	+.2	+23
TIM O'SHENKO ORMSBY TOVARICH 869633----------	9 daughters--	9	10,465	3.6	375
Born, 10-30-42; proved, 11-29-48;----; Iowa.	9 dams-------	41	10,990	3.4	373
Sire, 760642; dam, 1792374.	Difference---	(3-7-4)	-525	+.2	+2
Herd Owner, Clarinda State Hospital, Clarinda.					
TOBEFIELD TOBIAS 731419 *9----------	12 daughters-	29	9,970	[illegible]	[illegible]
Born, 8-2-36; proved, 11-18-48; dead; N. Y.	6 daughters--	13	8,569	3.7	[illegible]
Sire, 685814; dam, 1502473.	6 dams-------	17	10,405	[illegible]	[illegible]
Herd Owner, Raymond P. Ernenwein, Verona.	Difference---	(0-6-1)	-1,836	+.2	-45
TONCANIA PHIL DELLA 815474----------	8 daughters--	13	7,702	3.7	286
Born, 11-10-40; proved, 11-9-48;----; Pa.	7 daughters--	11	7,787	3.7	290
Sire, 772380; dam, 1971191.	7 dams-------	22	9,015	3.8	341
Herd Owner, Bruce E. Wright, Canton.	Difference---	(3-3-3)	-1,228	-.1	[illegible]
TRI-CHIEF-GERBEN-COLA PRIDE PIEBE 859031----------	15 daughters-	16	13,002	[illegible]	482
Born, 5-10-42; proved, 11-24-48;----; Del.	9 daughters--	10	13,919	3.7	520
Sire, 738441; dam, 2058691.	9 dams-------	30	12,585	3.8	483
Used in New Castle Co-op. A. B. A.	Difference---	(6-2-7)	+1,334	-.1	+37
TRIUNE KING VAN 12TH 677887----------	8 daughters--	13	11,266	3.6	402
Born, 2-1-32; proved, 11-18-48;----; Ind.	5 daughters--	8	12,239	3.6	[illegible]
Sire, 524784; dam, 1314137.	5 dams-------	14	10,923	3.4	369
Herd Owner, Indiana Masonic Home, Franklin.	Difference---	(3-5-4)	+1,316	+.2	[illegible]
U S S H WAYNE DE KOL PIEBE BURKE 678918----------	18 daughters-	53	[illegible]	[illegible]	335
Born, 12-5-32; proved, 11-23-48;----; Va.	6 daughters--	21	9,536	3.5	[illegible]
Sire, 375364; dam, 1091123.	6 dams-------	7	8,257	3.5	291
Herd Owner, Luck Brothers, Ashland.	Difference---	(3-2-5)	+1,279	.0	+40
UTTER LAMOKA STAR MARTIN 855067----------	11 daughters-	14	9,608	[illegible]	[illegible]
Born, 11-2-41; proved, 11-18-48; dead; N.Y.	6 daughters--	8	10,242	[illegible]	[illegible]
Sire, 758807; dam, 2120604.	6 dams-------	25	12,419	3.4	426
Herd Owner, Leon Dennis & Son, Canisteo.	Difference---	(1-4-0)	-2,177	+.1	-63
U V M MODEL 718646----------	33 daughters-	54	8,078	3.8	304
Born, 9-22-35; proved, 11-16-48;----; Vt.	10 daughters-	18	8,443	3.6	301
Sire, 493889; dam, 1538304.	10 dams------	21	10,438	3.8	394
Herd Owner, Arnold Bay Farm, Panton.	Difference---	(1-3-2)	-1,995	-.2	-93
VANIARD INKA HOMESTEAD MATADOR 825310----------	8 daughters--	11	11,357	3.5	402
Born, 4-12-41; proved, 11-1-48;----; Ill.	6 daughters--	9	12,723	3.4	437
Sire, 671584; dam, 1802721.	6 dams-------	14	13,638	3.6	490
Herd Owner, Roney Farm, Grayslake.	Difference---	(1-3-1)	-915	-.2	-53
VERNWAY BLEND (TWIN) 820946----------	8 daughters--	14	10,849	3.5	379
Born, 9-16-40; proved, 11-18-48; dead; Wash.	7 daughters--	13	10,765	3.5	372
Sire, 779539; dam, 1695814.	7 dams-------	34	14,499	3.5	504
Herd Owner, Iver W. Youngquist, Bow.	Difference---	(0-3-1)	-3,734	.0	-132
VERNWAY SUPREME CHIEF 835256----------	6 daughters--	6	12,004	3.4	404
Born, 10-24-41; proved, 11-9-48;----; Wash.	6 dams-------	23	13,042	3.1	407
Sire, 752698; dam, 1872555.	Difference---	(2-6-3)	-1,038	+.3	-3
Herd Owner, Walter Larson, Sedro Woolley.					
V P I HOMESTEAD CHALLENGER 808716----------	8 daughters--	10	11,094	3.7	413
Born, 8-13-40; proved, 11-16-48;----; Va.	7 daughters--	9	10,212	3.8	392
Sire, 763606; dam, 1820375.	7 dams-------	17	9,540	3.6	346
Herd Owner, Greendale Farm, Roanoke.	Difference---	(5-5-6)	+672	+.2	+46

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
V P I HOMESTEAD CHIEFTAIN 811976----------	5 daughters--	5	10,361	4.0	414
Born, 10-19-40; proved, 11-16-48;----; Va.	5 dams-------	18	8,375	4.2	353
Sire, 763606; dam, 1556941.	Difference---	(3-1-3)	+1,986	-.2	+61
Herd Owner, Dr. W. N. Mebane, Dublin.					
WAIT FARM TAURUS RUSHMORE 838897----------	7 daughters--	7	10,728	3.9	417
Born, 1-8-42; proved, 11-15-48; dead; N. Y.	6 daughters--	6	10,727	3.8	411
Sire, 738678; dam, 2190262.	6 dams-------	16	11,937	3.8	454
Herd Owner, H. R. Wait Co., Auburn.	Difference---	(1-4-2)	-1,210	.0	-43
WAUPUN SANDES REX ORMSBY 844860----------	13 daughters-	13	10,589	3.4	359
Born, 12-16-41; proved, 11-24-48;----; Wis.	6 daughters--	6	11,125	3.4	381
Sire, 788639; dam, 1887605.	6 dams-------	6	9,244	3.5	322
Herd Owner, Christophe Gourdaux, Holcombe.	Difference---	(4-2-4)	+1,881	-.1	-59
WELLS HUGO ORMSBY 684545 *10----------	20 daughters-	60	10,117	3.6	366
Born, 3-16-31; proved, 11-24-48;----; N. Dak.	10 daughters-	28	10,927	3.6	397
Sire, 499071; dam, 1115273.	10 dams------	22	11,303	3.3	376
Herd Owner, State Hospital for Insane, Jamestown.	Difference---	(5-10-6)	-376	+.3	+21
WEARY RIVER INKA MOOIE 832385----------	12 daughters-	12	14,919	3.9	585
Born, 7-12-41; proved, 11-3-48;----; Calif.	12 dams------	33	11,487	3.8	437
Sire, 532320; dam, 1915436.	Difference---	(11-10-10)	+3,432	+.1	+148
Herd Owner, Fred Walker Dairy, Santee.					
WEBER PERFECTION BURKE 881461----------	6 daughters--	6	16,663	3.6	594
Born, 8-27-42; proved, 11-10-48;----; Kans.	6 dams-------	27	14,780	3.5	521
Sire, 757597; dam, 2072029.	Difference---	(5-4-4)	+1,883	+.1	+73
Herd Owner, Harvey Bechtelheimer, Sabetha.					
WILONA ORMSBY PONTIAC PRILLY 887150----------	5 daughters--	5	12,577	3.5	442
Born, 12-31-42; proved,11-23-48;----; Pa.	5 dams-------	12	12,318	3.4	419
Sire, 755555; dam, 1878133.	Difference---	(3-3-3)	+259	+.1	+23
Herd Owner, J. H. Wilson & Sons, Clinton.					
WINDSOR ROYAL BONHEUR 792734----------	17 daughters-	17	10,579	3.5	369
Born, 7-18-39; proved, 11-1-48;----; Wis.	5 daughters--	5	10,130	3.7	372
Sire, 729610; dam, 1899783.	5 dams-------	5	12,765	3.2	414
Herd Owner, A. F. Gallum, Jr., Hartland.	Difference---	(1-5-2)	-2,635	+.5	-42
WINNEBAGO B B PRIDE PRINCE 867474----------	6 daughters--	6	12,804	3.3	421
Born, 8-29-42; proved, 11-15-48;----; Wis.	5 daughters--	5	13,269	3.2	431
Sire, 719469; dam, 2054071.	5 dams-------	8	12,069	3.5	425
Herd Owner, Winnebago State Hospital, Winnebago.	Difference---	(2-0-2)	+1,200	-.3	+6
WINNEBAGO SIR KING DELLA RUBY 852579----------	12 daughters-	15	9,852	3.6	354
Born, 8-21-41; proved, 11-10-48;----; Wis.	7 daughters--	9	9,673	3.6	352
Sire, 580575; dam, 1912721.	7 dams-------	11	9,467	3.6	345
Herd Owner, Carl Heikkinen, Brantwood.	Difference---	(3-6-4)	+206	.0	+7
WINTERTHUR SELECT FOBES XANTHIC 844665----------	10 daughters-	10	11,773	3.6	429
Born, 1-3-42; proved, 11-9-48;----; N. Y.	10 dams------	40	11,877	3.6	433
Sire, 750000; dam, 2091190.	Difference---	(5-6-5)	-104	.0	-4
Herd Owner, Herbert F. Henry & Son, Ogdensburg.					
W I S ADMIRAL LADDIE 738164----------	7 daughters--	11	8,519	3.4	288
Born, 2-11-37; proved, 11-4-48;----; Wis.	7 dams-------	14	10,389	3.5	367
Sire, 637362; dam, 1566893.	Difference---	(3-3-3)	-1,870	-.1	-79
Herd Owner, Wisconsin State Prison Farm, Waupun.					
WIS MENDOTA MUTUAL HOMESTEAD 796849----------	11 daughters-	16	11,946	3.6	434
Born, 3-30-40; proved, 11-1-48;----; Wis.	7 daughters--	10	11,126	3.6	399
Sire, 672350; dam, 1631888.	7 dams-------	8	11,791	3.4	395
Herd Owner, Keith Roesh, Lancaster.	Difference---	(3-4-3)	-665	+.2	+4
WOODCRAFT NUDINE WATSON FOBES 782771----------	14 daughters-	19	8,547	3.9	329
Born, 7-9-39; proved, 11-23-48;----; Mo.	14 dams------	47	8,605	4.0	344
Sire, 742282; dam, 1860977.	Difference---	(6-6-6)	-58	-.1	-15
Herd Owner, George H. Kyd, Columbia.					
ZELDENRUST K B K O PLUS 808681----------	8 daughters--	11	10,642	3.4	366
Born, 9-8-40; proved, 11-15-48; dead; Va.	7 daughters--	10	10,575	3.4	359
Sire, 742294; dam, 1975205.	7 dams-------	8	10,715	3.5	374
Herd Owner, D. Terpstra, Norton.	Difference---	(3-3-3)	-140	-.1	-15
ZURBRIGGEN HEILO PIETERTJE 851008----------	17 daughters-	26	13,455	3.5	471
Born, 1-8-42; proved, 11-15-48;----; Ill.	15 daughters-	23	13,599	3.5	479
Sire, 821876; dam, 2085114.	15 dams------	46	12,579	3.5	436
Herd Owner, Roy M. Bennethum, Freeport.	Difference---	(10-9-9)	+1,020	.0	+43
22*RA100 (BANGS OR TB EARTAG)----------	5 daughters--	8	11,285	3.1	354
Born, ----; proved, 11-2-48; dead; N. J.	5 dams-------	20	11,926	3.1	375
Sire, ----; dam, ----.	Difference---	(2-4-1)	-641	.0	-21
Herd Owner, State Reformatory, Annandale.					

HOLSTEIN SIRES	Animals	Herd averaged	Milk	Fat	
	Number	Number	Pounds	Percent	Pounds
41-I1550 (DHIA EARTAG)	7 daughters--	8	12,640	3.3	420
Born, ----; proved, 11-8-48;----; Minn.	5 daughters--	6	12,781	3.3	427
Sire, ----; dam, ----.	5 dams-------	11	10,344	3.3	346
Herd Owner, Anton Wagner, Elko.	Difference---	(5-3-5)	+2,437	.0	+81
43-A5774 (DHIA EARTAG)	7 daughters--	8	9,032	3.6	321
Born, ----; proved, 11-3-48; dead; Mo.	7 dams-------	33	10,520	3.7	393
Sire, ----; dam, ----.	Difference---	(1-2-1)	-1,488	-.1	-72
Herd Owner, O. J. Warford, Armstrong.					

JERSEY SIRES

ANNIE'S BUSTER DUKE 436448	10 daughters-	11	7,256	5.2	375
Born, 8-26-41; proved, 11-19-48;----; Ill.	8 daughters--	9	7,382	5.2	386
Sire, 388511; dam, 1143530.	8 dams-------	14	7,635	4.9	371
Herd Owner, William Stock & Sons, Rankin.	Difference---	(3-5-3)	-253	+.3	+15
ARCADIA V. P. BESSIE COCO 407913	12 daughters-	22	6,386	5.2	333
Born, 3-5-39; proved, 11-2-48;----; Maine.	5 daughters--	11	6,619	5.4	361
Sire, 251842; dam, 1074032.	5 dams-------	9	6,798	5.5	371
Herd Owner, Harrison Hill Farm, Harpswell.	Difference---	(2-2-2)	-179	-.1	-10
BAYLEAF WENDELL 454029	6 daughters--	6	6,778	5.0	339
Born, 8-29-40; proved, 11-8-48; dead; N. Y.	5 daughters--	5	6,624	5.0	328
Sire, 371655; dam, 1197486.	5 dams-------	9	5,618	5.5	311
Herd Owner, Stanton Harper, South Gilboa.	Difference---	(4-0-3)	+1,006	-.5	+17
BELL VOLUNTEER LADDIE 402330	11 daughters-	11	9,047	5.0	453
Born, 8-27-38; proved, 11-19-48;----; Oreg.	9 daughters--	9	9,072	5.0	451
Sire, 258217; dam, 1074851.	9 dams-------	24	9,544	4.9	470
Herd Owner, Frank L. Richardson, Albany.	Difference---	(4-7-3)	-472	+.1	-19
BEST BET SILVER 404073	8 daughters--	21	7,006	5.8	408
Born, 5-27-39; proved, 11-3-48;----; Pa.	5 daughters--	16	6,437	6.3	408
Sire, 380510; dam, 1166222.	5 dams-------	12	5,689	5.7	325
Herd Owner, Spencer Farms, Newville.	Difference---	(3-5-3)	+748	+.6	+83
BLONDE KNIGHT LAD 427903	8 daughters--	12	7,486	5.0	376
Born, 6-8-41; proved, 11-15-48;----; Mo.	7 daughters--	10	7,322	5.0	367
Sire, 392659; dam, 1209329.	7 dams-------	22	6,062	5.0	303
Herd Owner, Harry Smith, Houston.	Difference---	(7-4-7)	+1,260	.0	+64
BRAMPTON W. R. FAVORITE 432172	18 daughters-	23	7,037	5.0	354
Born, 6-12-41; proved, 11-19-48;----; Minn.	16 daughters-	21	7,056	5.0	355
Sire, 101251 CJCC; dam, 90362 CJCC.	16 dams------	65	7,646	5.3	406
Herd Owner, Crescent Ridge Farm, Minneapolis.	Difference---	(5-6-5)	-590	-.3	-51
CINDERELLA'S PRINCE 435063 *	8 daughters--	11	6,784	5.3	360
Born, 5-27-41; proved, 7-9-48;----; Vt.	8 dams-------	48	7,032	4.9	342
Sire, 392052; dam, 1156272.	Difference---	(2-6-4)	-248	+.4	+18
Herd Owner, Clinton Gilbert, Woodstock.					
DAUNTLESS 379543	10 daughters-	11	8,206	4.9	401
Born, 12-25-36; proved, 11-24-48;----; Ohio.	7 daughters--	7	8,164	4.8	392
Sire, 367164; dam, 989148.	7 dams-------	9	6,895	5.2	356
Herd Owner, H. E. Rasor, Bradford.	Difference---	(5-2-5)	+1,269	-.4	+36
DELSSA BAYLEAF GRANDMAN 418892	20 daughters-	32	7,865	5.0	392
Born, 3-22-40; proved, 11-8-48; dead; N. Y.	7 daughters--	9	7,614	5.1	385
Sire, 371655; dam, 1071103.	7 dams-------	16	7,452	5.0	376
Herd Owner, Alex & May Rabeler, Bovina.	Difference---	(4-4-4)	+162	+.1	+9
DESIGN BAXIE FORWARD 429684	8 daughters--	9	7,450	5.6	418
Born, 8-7-41; proved, 11-19-48;----; Iowa.	7 daughters--	8	7,491	5.7	425
Sire, 343001; dam, 916795.	7 dams-------	25	7,781	5.4	418
Herd Owner, R. Claire Wemer, Rose Hill.	Difference---	(2-6-4)	-290	+.3	+7
DESIGN LILY'S OBSERVER 404412	10 daughters-	12	7,891	5.8	459
Born, 3-3-39; proved, 11-8-48;----; Wis.	7 daughters--	9	7,970	5.7	458
Sire, 361315; dam, 1038791.	7 dams-------	14	7,817	5.1	401
Herd Owner, Charles B. Finn, Bridgeport.	Difference---	(3-6-4)	+153	+.6	+57
DESIGN ROSEGALL 404632	6 daughters--	8	6,821	5.5	378
Born, 7-14-39; proved, 11-1-48;----; Ill.	5 daughters--	7	7,160	5.6	398
Sire, 343001; dam, 915275.	5 dams-------	15	7,971	5.5	437
Herd Owner, Ralph C. Emel, Sullivan.	Difference---	(2-3-2)	-811	+.1	-39

* Incorrectly listed as Fauvic Emblem Victor on page 38 of the Aug. 1948 DHIA Letter.

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DESIGN ROWER LEADER FERN 444513	11 daughters-	21	6,614	5.3	350
Born, 3-19-38; proved, 11-12-48;----; Mich	6 daughters--	10	5,981	5.2	311
Sire, 72572 CJCC; dam, 25000 CJCC.	6 dams-------	17	6,882	4.9	340
Herd Owner, Mark Williamson, Lapeer.	Difference---	(1-5-2)	-901	+.3	-29
DESIGN VOLUNTEER KNIGHT 443567	6 daughters--	8	8,210	5.1	420
Born, 9-18-42; proved, 11-19-48;----; Iowa.	6 dams-------	17	7,485	5.3	399
Sire, 359614; dam, 1083355.	Difference---	(5-2-5)	+725	-.2	+21
Herd Owner, Erle Taylor, Milford.					
DOUBLE BESS SUCCESS 442413	8 daughters--	8	7,991	5.2	413
Born, 7-17-42; proved, 11-19-48;----; Ill.	7 daughters--	7	7,908	5.2	410
Sire, 363399; dam, 1249512.	7 dams-------	36	8,814	5.5	487
Herd Owner, Roland Eidman, Mascoutah.	Difference---	(1-1-1)	-906	-.3	-77
DUKE'S SYBIL JUGGLER 395664	7 daughters--	17	7,858	5.4	422
Born, 6-5-38; proved, 11-3-48; dead; N. Y.	5 daughters--	10	8,077	5.2	423
Sire, 376425; dam, 1124789.	5 dams-------	18	7,906	5.4	426
Herd Owner, Jennie H. & Elise H. Kinkead, Poughkeepsie.	Difference---	(2-2-3)	+171	-.2	-3
DUKE VICTOR LAD 418281	5 daughters--	9	6,933	5.4	371
Born, 3-5-40; proved, 11-16-48;----; Pa.	5 dams-------	27	7,607	5.2	398
Sire, 382901; dam, 1107558.	Difference---	(2-3-2)	-674	+.2	-27
Herd Owner, Sam S. Babcock, Mercer.					
EMBLEM WAR BREAD PENANCE 430269	6 daughters--	6	7,228	5.5	396
Born, 12-14-41; proved, 11-19-48; dead; Md.	6 dams-------	16	7,827	5.6	440
Sire, 407573; dam, 1163629.	Difference---	(2-4-1)	-599	-.1	-44
Herd Owner, Carl W. Feucht & Son, Elkton.					
ERDENHEIM SKYHIGH 413908	13 daughters-	17	8,012	4.7	379
Born, 1-3-40; proved, 11-8-48;----; Pa.	10 daughters-	13	7,665	4.8	368
Sire, 391407; dam, 1150601.	10 dams------	13	8,286	4.6	385
Herd Owner, H. J. Pierson, Lititz.	Difference---	(4-6-4)	-621	+.2	-17
EVERGREEN BLONDE PRINCE 446571	8 daughters--	8	6,292	5.3	336
Born, 12-6-42; proved, 11-15-48;----; Pa.	6 daughters--	6	6,601	5.3	352
Sire, 403263; dam, 1153295.	6 dams-------	25	6,394	5.9	374
Herd Owner, Carl Walker, Marion Center.	Difference---	(3-1-2)	+207	-.6	-22
FIVE-PLY-SOPHIE TWI-INTEREST 433645	8 daughters--	9	6,577	5.0	329
Born, 3-23-41; proved, 11-9-48; alive; Maine.	7 daughters--	8	6,801	5.0	337
Sire, 357462; dam, 1095027.	7 dams-------	25	6,775	5.7	383
Used in Androscoggin Valley A. B. A.	Difference---	(4-2-1)	+26	-.7	-46
FORWARD BUSTER 442398	7 daughters--	8	7,924	5.0	400
Born, 3-17-42; proved, 11-10-48; alive; Wash.	7 dams-------	22	9,717	5.4	523
Sire, 368702; dam, 1178964.	Difference---	(2-1-1)	-1,793	-.4	-123
Herd Owner, C. O. Osgood & Sons, Elma.					
FRANCHISE WONDERFUL AIM 399955	8 daughters--	8	5,926	5.3	316
Born, 3-25-36; proved, 11-3-48;----; W. Va.	7 daughters--	7	5,991	5.4	322
Sire, P.S. 7003 H.C.; dam, 1153717.	7 dams-------	23	6,784	5.2	354
Herd Owner, John A. Kelly, Ona.	Difference---	(3-5-3)	-793	+.2	-32
GLORY REMUS FLASH 408669	17 daughters-	31	7,609	5.6	428
Born, 9-1-38; proved, 11-19-48;----; Wash.	7 daughters--	14	7,609	5.8	440
Sire, 328497; dam, 1172529.	7 dams-------	18	7,336	5.5	407
Herd Owner, Thomas L. Fishback, Chehalis.	Difference---	(4-6-4)	+273	+.3	+33
GOLD BOND PHOENIX 377677	6 daughters--	6	6,673	5.2	345
Born, 3-21-36; proved, 11-15-48;----; Ind.	6 dams-------	13	6,082	5.6	341
Sire, 357879; dam, 1039214.	Difference---	(3-1-3)	+591	-.4	+4
Herd Owner, Mendal Livezey, Muncie.					
HUMBOLDT DELLA VALENTINE 432073	18 daughters-	23	9,209	5.2	478
Born, 10-31-40; proved, 11-19-48;----; Oreg.	16 daughters-	20	9,218	5.2	478
Sire, 392528; dam, 1210362.	16 dams------	51	8,425	4.6	384
Herd Owner, Austin W. Warner, Carlton.	Difference---	(12-16-14)	+793	+.6	+94
IDAHO KING JESSE 442135	5 daughters--	6	9,242	5.0	461
Born, 10-11-41; proved, 11-5-48; dead; Idaho.	5 dams-------	13	7,652	5.0	382
Sire, 358518; dam, 1002559.	Difference---	(5-3-5)	+1,590	.0	+79
Herd Owner, E. K. Miller, Emmett.					
JENNY'S BRAMPTON STANDARD 420788	9 daughters--	13	5,551	5.5	303
Born, 12-14-40; proved, 11-17-48;----; Mich.	5 daughters--	7	5,580	5.5	309
Sire, 72582 CJCC; dam, 1259897.	5 dams-------	8	6,221	5.3	332
Herd Owner, E. E. Rocker & Son, Wixom.	Difference---	(1-3-2)	-641	+.2	-23
JEWEL DREAMING FOR [illegible]	7 daughters--	7	7,980	5.9	469
Born, 1-26-40; proved, 11-5-48;----; Pa.	7 dams-------	38	9,061	5.5	503
Sire, 381053; dam, 1019930.	Difference---	(1-6-3)	-1,081	+.4	-34
Herd Owner, Stephen O. Snedeker, Waymart.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
JUGGLER'S TYCOON 421657	10 daughters-	17	9,861	5.2	518
Born, 9-7-40; proved, 11-29-48;----; Conn.	5 daughters--	9	9,736	5.2	508
Sire, 387164; dam, 1212656.	5 dams-------	9	9,073	5.1	459
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference---	(5-4-5)	+663	+.1	+49
KAY BLONDE ACE 469515	6 daughters--	6	9,758	5.2	506
Born, 11-11-42; proved, 11-8-48;----; Kans.	5 daughters--	5	10,107	5.1	519
Sire, 364901; dam, 1331641.	5 dams-------	8	9,016	5.5	493
Herd Owner, Ray E. Cudney, Trousdale.	Difference---	(4-2-4)	+1,091	-.4	+26
LEITHACRES POGIS DREAMER 480696	6 daughters--	6	7,434	5.1	379
Born, 5-21-39; proved, 11-3-48; dead; N. Y.	5 daughters--	5	7,618	5.1	391
Sire, 361457; dam, 1288586.	5 dams-------	12	8,644	5.1	439
Herd Owner, Grove Leith, Wyoming.	Difference---	(2-3-2)	-1,026	.0	-48
LILAC REMUS LION 404631	8 daughters--	12	8,075	5.2	419
Born, 9-4-39; proved, 11-29-48;----; Mass.	6 daughters--	10	8,164	5.2	425
Sire, 328497; dam, 1090624.	6 dams-------	27	9,457	5.0	470
Herd Owner, High Lawn Farm, Lenox.	Difference---	(0-5-3)	-1,293	+.2	-45
LILAC ST. MAWES REMUS REX 396711	23 daughters-	36	10,261	5.7	589
Born, 5-19-38; proved, 11-1-48; alive; Oreg.	22 daughters-	34	10,173	5.7	583
Sire, 383530; dam, 987226.	22 dams------	81	9,926	5.1	511
Herd Owner, Frank Schutzwohl, Grants Pass.	Difference---	(12-20-15)	+247	+.6	+72
LILAC SYBIL SUCCESSOR 399965	9 daughters--	14	7,352	5.4	397
Born, 4-16-39; proved, 11-3-48; alive; Wash.	7 daughters--	10	7,316	5.4	393
Sire, 328498; dam, 1038925.	7 dams-------	23	8,014	5.4	434
Herd Owner, Sunshine Farms, Yakima.	Difference---	(1-4-2)	-698	.0	-41
LILLIAN'S SYBIL ACE 421313	12 daughters-	23	7,542	5.6	421
Born, 11-9-39; proved, 11-29-48;----; Pa.	7 daughters--	13	7,179	5.9	426
Sire, 409001; dam, 1126811.	7 dams-------	28	8,664	5.6	487
Herd Owner, Basil Hummer, Titusville.	Difference---	(0-6-2)	-1,485	+.3	-61
LONG LONGED FOR SIR STANDARD 383474	24 daughters-	32	6,015	5.3	318
Born, 11-10-36; proved, 11-19-48;----; Ga.	6 daughters--	7	7,080	5.3	372
Sire, 276574; dam, 764101.	6 dams-------	10	6,744	5.0	337
Herd Owner, University of Georgia, Athens.	Difference---	(4-4-4)	+336	+.3	+35
LONGVIEW VALIANT SIR 446360	8 daughters--	8	7,564	4.9	370
Born, 10-19-42; proved, 11-18-48;----; Maine.	5 daughters--	5	7,733	4.8	368
Sire, 79203 CJCC; dam, 106533 CJCC.	5 dams-------	21	8,101	5.0	404
Herd Owner, Pine Hill Farms, Waterville.	Difference---	(3-3-2)	-368	-.2	-36
MAGNOLIA BASIL STANDARD 446751	5 daughters--	5	7,248	5.1	369
Born, 7-28-42; proved, 11-8-48; dead; Ga.	5 dams-------	16	7,199	4.9	350
Sire, 407306; dam, 1026496.	Difference---	(3-3-3)	+49	+.2	+19
Herd Owner, Ga. Coastal Plain Experiment Station, Tifton.					
MARSH FARM JOLLY GOLDEN JAP 399631	7 daughters--	10	7,619	5.1	387
Born, 8-3-38; proved, 11-5-48; dead; N. Y.	6 daughters--	9	7,539	5.1	383
Sire, 287799; dam, 858285.	6 dams-------	11	7,480	5.4	406
Herd Owner, Haynes E. Snyder, Fulton.	Difference---	(5-0-1)	+59	-.3	-23
MARTINA'S DESIGN DICTATOR 375489	10 daughters-	16	5,787	5.3	309
Born, 11-8-34; proved, 11-10-48;----; Tenn.	6 daughters--	12	6,859	5.4	368
Sire, 351089; dam, 961295.	6 dams-------	13	6,287	5.2	329
Herd Owner, W. L. Yearwood, Fayetteville.	Difference---	(2-4-4)	+572	+.2	+39
MARY'S POGIS PHOENIX FOX 402534	10 daughters-	12	7,887	5.8	457
Born, 10-27-37; proved, 11-1-48; dead; Va.	6 daughters--	7	8,084	5.7	457
Sire, 357462; dam, 984312.	6 dams-------	13	6,550	5.6	369
Herd Owner, M. F. Weaver, Shelby.	Difference---	(4-4-5)	+1,534	+.1	+88
MARY'S POGIS VICTOR 430455	7 daughters--	9	8,977	5.0	447
Born, 10-14-40; proved, 11-5-48;----; Va.	7 dams-------	33	7,466	4.5	336
Sire, 401925; dam, 978286.	Difference---	(7-6-7)	+1,511	+.5	+111
Herd Owner, C. M. James, Purcellville.					
MAY-O-OWLET SENATID OWL SYBIL 426766	9 daughters--	14	6,369	5.9	375
Born, 11-7-40; proved, 11-29-48;----; Va.	5 daughters--	7	6,194	6.3	387
Sire, 344307; dam, 1179424.	5 dams-------	12	7,128	5.7	405
Herd Owner, Ralph E. Brown, Orange.	Difference---	(1-4-2)	-934	+.6	-18
MOZARKS DREAMING ROYALIST 401305	8 daughters--	10	6,432	5.1	330
Born, 10-12-38; proved, 11-1-48; dead; Mo.	5 daughters--	7	6,078	5.2	316
Sire, 358525; dam, 942361.	5 dams-------	11	6,757	5.1	343
Herd Owner, Carl Haden, Springfield.	Difference---	(3-4-3)	-679	+.1	-27
OBSERVER DREAMING BUD 406970	8 daughters--	8	5,389	4.9	263
Born, 1-29-39; proved, 11-1-48;----; Ind.	5 daughters--	5	5,338	5.2	276
Sire, 313313; dam, 1084540.	5 dams-------	8	7,209	4.8	347
Herd Owner, Frank Smyth & William Brown, Morgantown.	Difference---	(0-3-0)	-1,871	+.4	-71

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OBSERVER ENA DESIGN 417507----------	9 daughters--	9	5,462	5.3	289
Born, 4-15-40; proved, 11-2-48;----; Mo.	5 daughters--	5	5,532	5.2	288
Sire, 359224; dam, 1009796.	5 dams-------	9	6,640	5.2	342
Herd Owner, Tetrick Farm, Mount Vernon.	Difference---	(1-2-1)	-1,108	.0	-54
OBSERVER ESTELLA LAD 397792----------	12 daughters-	13	8,234	5.7	469
Born, 5-25-38; proved, 11-1-48; dead; Ill.	11 daughters-	12	8,376	5.7	478
Sire, 364679; dam, 1130052.	11 dams------	27	7,211	5.8	415
Herd Owner, Melvin E. Graves, Dundas.	Difference---	(8-5-9)	+1,165	-.1	+63
OXFONDE MARIE LADDIE 408238----------	23 daughters-	35	6,414	5.7	368
Born, 4-6-39; proved, 11-5-48;----; Wis.	12 daughters-	20	6,862	5.7	394
Sire, 372525; dam, 1058355.	12 dams------	39	6,889	5.4	372
Herd Owner, R. W. Hallstrum, Waukesha.	Difference---	(6-10-8)	-27	+.3	+22
OXFORD EMPIRE VOLUNTEER 423890----------	7 daughters--	7	7,777	5.8	453
Born, 9-24-40; proved, 11-12-48;----; Ill.	5 daughters--	5	7,708	5.8	448
Sire, 380412; dam, 1151840.	5 dams-------	9	7,213	5.7	412
Herd Owner, Raymond Graves, Olney.	Difference---	(3-4-3)	+495	+.1	+36
OXFORDIA EMINENT FOX 436712----------	8 daughters--	9	9,051	5.1	464
Born, 9-13-41; proved, 11-23-48;----; Ill.	7 daughters--	8	9,271	5.1	474
Sire, 375945; dam, 1005230.	7 dams-------	21	9,514	5.2	497
Herd Owner, Louis Timm, Chebanse.	Difference---	(3-3-1)	-243	-.1	-23
OZARK ROYAL 408267----------	11 daughters-	26	7,334	5.4	394
Born, 3-28-39; proved, 11-2-48; dead; Mo.	6 daughters--	17	7,285	5.4	393
Sire, 336141; dam, 1146132.	6 dams-------	6	6,626	4.9	326
Herd Owner, E. C. Stevens, Sedalia.	Difference---	(4-5-5)	+659	+.5	+67
POGIS HESA DUKE 424087----------	6 daughters--	7	5,476	5.2	286
Born, 9-1-40; proved, 11-5-48;----; Vt.	6 dams-------	32	6,711	5.5	370
Sire, 423582; dam, 1010292.	Difference---	(1-2-1)	-1,235	-.3	-84
Herd Owner, H. M. Mandigo, Richford.					
PRIDE PHOENIX 433091----------	11 daughters-	14	6,731	5.7	383
Born, 10-18-41; proved, 11-2-48;----; Vt.	9 daughters--	12	6,708	5.7	382
Sire, 312724; dam, 1082556.	9 dams-------	29	7,942	5.8	463
Herd Owner, John Larkin, Tunbridge.	Difference---	(2-4-0)	-1,234	-.1	-81
PRIMATE DESIGN 402191----------	12 daughters-	19	7,366	5.0	370
Born, 12-10-38; proved, 11-18-48; dead; Mo.	9 daughters--	15	7,461	5.2	387
Sire, 315409; dam, 1102317.	9 dams-------	16	7,068	5.4	380
Herd Owner, J. L. Snyder, Holden.	Difference---	(6-5-6)	+393	-.2	+7
ROSE'S GLADSTONE VOLUNTEER 402215----------	10 daughters-	12	7,993	5.3	426
Born, 1-5-39; proved, 11-16-48;----; Wis.	7 daughters--	8	8,285	5.4	449
Sire, 339394; dam, 1100835.	7 dams-------	12	6,899	5.2	357
Used in Vernon Co.Co-op. A. B. A.	Difference---	(4-3-6)	+1,386	+.2	+92
ROYAL HEIR STANDARD 396148----------	15 daughters-	24	6,336	5.4	343
Born, 9-20-38; proved, 11-16-48;----; Ill.	14 daughters-	22	6,159	5.4	335
Sire, 385997; dam, 1015844.	14 dams------	85	6,984	5.2	361
Herd Owner, Leslie Mullins, Pawpaw.	Difference---	(4-11-6)	-825	+.2	-26
ST. MAWES CHIMES NOBLE BEAU 363235 *----------	14 daughters-	25	8,509	5.5	464
Born, 4-10-34; proved, 9-30-48; dead; Wash.	8 daughters--	16	8,771	5.3	468
Sire,315843, dam, 996747.	8 dams-------	15	9,305	5.2	485
Herd Owner, Coral Coon, Sequim.	Difference---	(2-6-3)	-534	+.1	-17
SIR P. S. O. SOPHIE P FOUR OWLS 442320----------	6 daughters--	6	6,157	5.0	311
Born, 8-17-42; proved, 11-2-48;----; Md.	5 daughters--	5	6,167	5.0	308
Sire, 357462; dam, 1102988.	5 dams-------	11	6,529	5.2	339
Herd Owner, D. G. Harry & Son, Pylesville.	Difference---	(1-1-2)	-362	-.2	-31
SOPHIE TID GOLDIE HOLMAW ACE 396747----------	14 daughters-	17	7,058	5.1	361
Born, 2-8-38; proved, 11-10-48; dead; Miss.	12 daughters-	15	7,177	5.1	364
Sire, 271703; dam, 1116580.	12 dams------	25	7,269	4.5	326
Herd Owner, J. C. Williams & Massey, Hernando.	Difference---	(4-12-7)	-92	+.6	+38
SUCCESSOR'S COCK ROBIN 391642----------	8 daughters--	8	8,750	5.7	503
Born, 9-3-37; proved, 11-12-48;----; Ill.	7 daughters--	7	8,472	5.9	496
Sire, 285934; dam, 1111898.	7 dams-------	20	7,777	5.5	431
Herd Owner, C. Leslie James, Mansfield.	Difference---	(5-6-5)	+695	+.4	+65
SWEETHEART FAIR BORN DESIGN 457694----------	10 daughters-	16	7,277	5.8	422
Born, 12-10-40; proved, 11-8-48;----; Wash.	9 daughters--	15	7,366	5.8	425
Sire, 402233; dam, 982242.	9 dams-------	42	8,264	5.3	435
Herd Owner, J. H. Mills, Wallula.	Difference---	(2-8-3)	-898	+.5	-10
SYBIL BARONET IRENE SON 408306----------	7 daughters--	11	5,959	5.9	349
Born, 4-5-39; proved, 11-10-48;----; Wis.	5 daughters--	9	5,690	5.8	332
Sire, 305849; dam, 1035928.	5 dams-------	10	7,646	5.3	402
Herd Owner, Martin Rusdal, Westby.	Difference---	(0-4-1)	-1,956	+.5	-70

* Incorrectly listed as Prince Mercer on page 27 of the Oct. 1948 DHIA Letter.

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SYBIL BEST SUCCESSOR 379510----------	37 daughters-	38	6,645	5.6	373
Born, 10-17-36; proved, 11-17-48;----; Ill.	34 daughters-	35	6,558	5.7	372
Sire, 346611; dam, 673331.	34 dams------	103	5,730	5.2	300
Herd Owner, Trimble Brothers, Trimble.	Difference---	(25-27-27)	+828	+.5	+72
SYBIL GIPSY OXFORD VICTOR 411915----------	19 daughters-	26	7,592	5.1	387
Born, 5-31-40; proved, 11-8-48;----; Pa.	17 daughters-	24	7,802	5.1	394
Sire, 356171; dam, 1032580.	17 dams------	80	6,902	5.2	359
Herd Owner, Old Forge Farm, Spring Grove.	Difference---	(14-8-13)	+900	-.1	+35
SYBIL KING TUT BOY 415159----------	6 daughters--	8	7,391	5.7	418
Born, 6-16-40; proved, 11-16-48;----; N. J.	6 dams-------	28	8,487	5.5	469
Sire, 373611; dam, 1084937.	Difference---	(2-4-2)	-1,096	+.2	-51
Used in Cooperative A. B. A. #1, Inc.					
TETELA'S ROYAL ERIC 412749----------	7 daughters--	7	5,050	4.9	246
Born, 2-12-40; proved, 11-16-48;----; Wis.	7 dams-------	7	6,354	4.8	306
Sire, 382599; dam, 1119236.	Difference---	(1-5-2)	-1,304	+.1	-60
Herd Owner, John A. Janssen, Spooner.					
TITUSVILLE BLONDE LUKE 417555----------	9 daughters--	10	8,671	5.1	440
Born, 1-6-41; proved, 11-9-48;----; Wash.	7 daughters--	8	8,598	5.1	438
Sire, 403263; dam, 1149277.	7 dams-------	12	9,515	5.2	499
Herd Owner, A. J. Wilson, La Center.	Difference---	(1-4-1)	-917	-.1	-61
TOPWARD 445597----------	10 daughters-	14	8,186	5.6	462
Born, 6-5-41; proved, 11-19-48;----; Mich.	10 dams------	40	9,858	5.2	517
Sire, 327155; dam, 1075861.	Difference---	(1-10-4)	-1,672	+.4	-55
Herd Owner, Ira D. Cronkright, Webberville.					
TORONO TAYMIRS CZAR 368792----------	12 daughters-	18	7,507	5.5	415
Born, 8-10-35; proved, 11-1-48; dead; Iowa.	6 daughters--	8	8,738	5.5	479
Sire, 313254; dam, 924503.	6 dams-------	20	7,810	5.1	398
Herd Owner, Pioneer Hi Bred Corn Co., Johnston.	Difference---	(6-5-5)	+928	+.4	+81
VERBENA AIM SNOWDROP 427023----------	11 daughters-	15	8,008	4.9	391
Born, 3-23-41; proved, 11-19-48;----; Ind.	7 daughters--	10	7,440	4.8	356
Sire, 366758; dam, 1073977.	7 dams-------	7	7,967	5.3	422
Herd Owner, Thomas Wenning, Greensburg.	Difference---	(3-1-1)	-527	-.5	-66
VERNOUSE VOLUNTEER FORWARD 452462----------	8 daughters--	9	6,358	5.9	373
Born, 3-11-43; proved, 11-5-48;----; Wash.	6 daughters--	7	5,916	6.1	360
Sire, 422361; dam, 1162917.	6 dams-------	23	8,479	5.6	474
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(1-4-2)	-2,563	+.5	-114
VICTOR DARLING TORMENTOR 374437----------	12 daughters-	20	8,711	5.5	475
Born, 10-21-35; proved, 11-12-48; dead; Mass.	6 daughters--	11	9,012	5.3	477
Sire, 300736; dam, 683260.	6 dams-------	9	9,022	5.2	468
Herd Owner, R. L. Manchester, Amherst.	Difference---	(3-3-4)	-10	+.1	+9
WAIKIKI CORDAGE DIRECTOR 413436----------	13 daughters-	23	6,743	5.7	385
Born, 3-5-40; proved, 11-19-48;----; Wash.	7 daughters--	11	7,707	5.6	429
Sire, 399483; dam, 1162719.	7 dams-------	27	7,255	5.3	382
Herd Owner, Glenwood Farm, Colbert.	Difference---	(6-5-6)	+452	+.3	+47
415784----------	27 daughters-	44	9,125	5.6	514
Born, ----; proved, 11-9-48;----; Oreg.	14 daughters-	23	9,110	5.7	520
Sire, ----; dam, ----.	14 dams------	23	8,286	5.6	461
Herd Owner, Millard Martin, Ada.	Difference---	(10-10-10)	+824	+.1	+59
419898----------	13 daughters-	17	7,072	5.0	351
Born, ----; proved, 11-17-48;----; Tenn.	7 daughters--	9	6,377	5.0	317
Sire, ----; dam, ----.	7 dams-------	10	5,569	5.0	279
Herd Owner, W. B. Henderson & Son, Memphis.	Difference---	(5-2-5)	+808	.0	+38
13*19347 (BANGS OR TB EARTAG)----------	5 daughters--	6	6,985	5.2	362
Born, ----; proved, 11-2-48;----; Vt.	5 dams-------	14	6,606	5.2	342
Sire, ----; dam, ----.	Difference---	(3-2-4)	+379	.0	+20
Herd Owner, Carroll C. Stanley & Son, Enosburg Falls.					
82-A1450 (DHIA EARTAG)----------	9 daughters--	12	8,399	5.5	463
Born, ----; proved, 11-8-48; dead; Idaho.	7 daughters--	10	8,489	5.6	473
Sire, ----; dam, ----.	7 dams-------	16	8,580	5.0	429
Herd Owner, John E. Whitsell, Emmett.	Difference---	(3-7-6)	-91	+.6	+44

SHORTHORN SIRES

DAIRYLOU ROZIER 2009592----------	5 daughters--	7	8,900	3.8	340
Born, 3-8-40; proved, 11-19-48;----; Va.	5 dams-------	13	7,294	3.9	285
Sire, 1839103; dam, 1728628.	Difference---	(2-1-2)	+1,606	-.1	+55
Herd Owner, Rock Hill Farm, Shelby.					

SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FOXBURY BELL BOY 1892804----------	6 daughters--	8	8,138	3.9	315
Born, 3-2-37; proved, 11-24-48;----; Ind.	5 daughters--	7	8,648	3.9	335
Sire, 1765783; dam, 1355066.	5 dams-------	10	9,230	4.5	415
Herd Owner, R. D. Sliger & Sons, Garrett.	Difference---	(2-1-3)	-582	-.6	-80
NAUVOO SNOW KING 1972271----------	7 daughters--	9	7,397	3.9	288
Born, 2-27-39; proved, 11-29-48;----; Kans.	7 dams-------	28	5,919	3.8	227
Sire, 1861606; dam, 1837880.	Difference---	(6-5-6)	+1,478	+.1	+61
Herd Owner, Harry H. Reeves, Hutchinson.					
PARKMASTER 1999228----------	11 daughters-	15	9,615	3.7	357
Born, 10-11-39; proved, 11-1-48;----; Wis.	10 daughters-	14	9,649	3.7	354
Sire, 1878308; dam, 1716058.	10 dams------	17	7,345	3.6	267
Herd Owner, Relander Brothers, Boardman.	Difference---	(7-5-8)	+2,304	+.1	+87
ROSEMARY'S SUPREME 2010272----------	5 daughters--	8	6,611	3.9	259
Born, 3-23-39; proved, 11-29-48;----; Iowa.	5 dams-------	15	7,874	3.7	294
Sire, 221795 CHB; dam, 270113 CHB.	Difference---	(1-4-0)	-1,263	+.2	-35
Herd Owner, Young & Niichel, Jesup.					
AMERICAN DAIRY CATTLE CLUB SIRES					
MOUNT HOPE MIDAS 128----------	7 daughters--	12	11,443	3.8	440
Born, 6-2-39; proved, 11-9-48; dead; N. Y.	7 dams-------	27	12,817	3.6	458
Sire, 110; dam, 54.	Difference---	(2-6-3)	-1,374	+.2	-18
Herd Owner, Raymond Albrectsen, Ithaca.					

DUKE INKA RAG-HERO (TWIN) 1238
(This sire is also a registered Holstein "Duke Inka Rag-Hero (Twin) 859238." Proved Sire data included in Holstein listing.)

DUNLOGGIN MASTER SONGSTER 464
(This sire is also a registered Holstein "Dunloggin Master Songster 832126." Proved Sire data included in Holstein listing.)

EASTLAKE KING ABBEKERK 213
(This sire is also a registered Holstein "Eastlake King Abbekerk 815283." Proved Sire data included in Holstein listing.)

ELMWOOD FARMS ROYAL JO-JO 397
(This sire is also a registered Guernsey "Elmwood Farms Royal Jo-Jo 318273." Proved Sire data included in Guernsey listing.)

GREEN GABLES PROUD LANE 483
(This sire is also a registered Guernsey "Green Gables Proud Lane 301135." Proved Sire data included in Guernsey listing.

LIBERTY HILL CARNATION MAJOR 494
(This sire is also a registered Holstein "Liberty Hill Carnation Major 796800." Proved Sire data included in Holstein listing.)

MARSH FARM JOLLY GOLDEN JAP 1231
(This sire is also a registered Jersey "Marsh Farm Jolly Golden Jap 399631." Proved Sire data included in Jersey listing.)

WINTERTHUR SELECT FOBES XANTHIC 955
(This sire is also a registered Holstein "Winterthur Select Fobes Xanthic 844665." Proved Sire data included in Holstein Listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol. 25, No. 1

JANUARY 1949

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MORE DHIA SIRES PROVED IN 1948 THAN IN ANY PREVIOUS YEAR

During 1948, the Bureau of Dairy Industry compiled proved-sire records for 4,887 sires used in dairy-herd-improvement association herds. This was 1,067 more DHIA sires than had been proved in any previous year. Wisconsin led in the number of sires proved, with 832; New York was second with 722; and Pennsylvania was third with 680 sires.

The following table shows the number of sires proved in 1948, by States:

State	Sires proved Number	State	Sires proved Number	State	Sires proved Number
Alabama	2*	Maine	101*	Oklahoma	7*
Arizona	25*	Maryland	187*	Oregon	52*
Arkansas	2*	Massachusetts	145*	Pennsylvania	680*
California	75*	Michigan	325*	Rhode Island	11*
Colorado	39*	Minnesota	307*	South Carolina	2*
Connecticut	164*	Mississippi	3	South Dakota	9*
Delaware	24*	Missouri	127*	Tennessee	18*
Florida	5*	Montana	17*	Texas	20*
Georgia	25*	Nebraska	24*	Utah	35*
Hawaii	2	Nevada	3*	Vermont	213*
Idaho	49*	New Hampshire	70*	Virginia	207*
Illinois	334*	New Jersey	140*	Washington	139*
Indiana	147*	New Mexico	8*	West Virginia	94*
Iowa	444*	New York	722*	Wisconsin	832*
Kansas	151*	North Carolina	14*	Wyoming	2
Kentucky	42*	North Dakota	5*		
Louisiana	5*	Ohio	230*	Total	4,887**

*This number includes 1 or more sires proved with data from some other State as well as from the State indicated.
**Omitting duplication.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1947 AND 1948

State	1948							1947		
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by -			Records returned 3/	Cows for which production records were reported 2/	
				American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association			
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine	9,298	5,112	55.0	0	136	0	330	2,807	33.8
N. H	5,584	1,411	25.3	0	182	9	93	1,251	24.2
Vt	20,545	10,389	50.6	13	431	75	828	7,888	45.3
Mass	11,396	3,708	32.5	109	717	120	187	1,909	22.0
R. I	1,198	3	0.3	0	140	0	0	27	4.5
Conn	11,182	4,651	41.6	0	572	188	277	2,946	29.5
N. Y	87,568	22,133	25.3	1,130	2,569	295	1,241	36,219	50.4
Pa	71,137	31,211	43.9	205	1,383	74	1,626	25,655	40.3
N. J	21,204	7,010	33.1	0	45	97	472	6,644	32.4
Md	16,014	7,902	49.3	144	666	2	402	7,457	55.6
Del	2,099	1,212	57.7	11	36	0	135	922	47.5
Va	31,944	15,491	48.5	0	1	0	1,207	11,187	35.6
W. Va	6,035	4,034	66.8	0	141	10	213	4,116	72.0
Ky	7,158	1,658	23.2	2	0	42	118	1,559	27.4
N. C	5,751	707	12.3	0	255	0	56	380	8.1
S. C	1,750	0	--	0	0	22	0	0	--
Ga	4,094	714	17.4	31	0	0	80	454	14.2
Fla	2,155	305	14.2	0	31	0	18	31	--
Ala	0	10	--	0	0	0	0	0	--
Miss	1,370	466	34.0	0	0	0	31	596	26.5
Tenn	6,238	1,768	28.3	18	0	0	127	410	10.0
La	2,190	117	5.3	0	0	0	30	97	7.2
Ark	0	0	--	0	0	0	0	0	--
Ohio	24,077	5,996	24.9	21	1,014	365	245	4,892	21.0
Ind	23,590	3,544	15.0	72	259	199	255	3,089	15.5
Ill	34,485	10,564	30.6	192	196	738	567	6,255	17.6
Mich	43,474	14,323	32.9	20	260	365	784	13,666	36.2
Wis	80,091	30,838	38.5	102	537	801	1,207	35,318	47.0
Minn	41,110	20,951	51.0	19	28	171	1,292	16,433	43.2
Iowa	35,239	17,203	48.8	0	183	475	699	15,276	54.4
Mo	14,062	5,190	36.9	0	24	31	316	2,485	20.8
N. Dak	1,029	761	74.0	0	0	0	23	5	--
S. Dak	1,587	302	19.0	0	14	24	42	182	15.5
Nebr	4,340	1,039	23.9	23	39	25	45	599	25.8
Kans	11,478	5,929	51.7	0	368	54	668	3,613	48.3
Okla	2,937	334	11.4	0	15	0	68	206	9.5
Tex	11,648	779	6.7	0	9	0	180	479	8.2
Mont	4,294	395	9.2	0	27	0	28	512	14.1
Idaho	7,423	1,885	25.4	0	33	0	61	1,051	21.0
Wyo	0	27	--	0	0	1	2	59	5.3
Nev	882	49	5.6	0	0	0	8	317	32.0
Utah	9,800	1,419	14.5	0	0	0	179	1,927	24.2
Colo	4,886	1,248	25.5	0	2 3	43	63	1,033	24.1
N. Mex	1,417	329	23.2	0	0	0	40	80	4.5
Ariz	7,953	690	8.7	0	0	0	25	686	12.3
Wash	27,292	11,673	42.8	0	105	22	940	8,026	34.1
Oreg	14,046	6,613	47.1	0	46	29	402	2,737	19.3
Calif	153,079	5,871	3.8	0	185	26	203	5,761	4.2
P. R	0	0	--	0	0	0	0	0	--
Hawaii	(4)	35	--	0	0	0	0	73	17.0
U. S	886,129	267,999	30.2	2,112	10,670	4,302	15,813	237,316	30.6

1/ Includes cows enrolled since January 1, 1948.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.
4/ No report.

MORE 305-DAY LACTATION RECORDS (718's) REPORTED DURING 1948 THAN EVER BEFORE

During 1948, DHIA supervisors reported 267,999 305-day lactation records (BDI-718's) for use in proving sires used in dairy-herd-improvement-association herds. This is the largest number ever reported for any year, exceeding the previous high record year of 1941 when 262,589 lactation records were reported.

Although the supervisors are to be commended for this splendid showing, they reported only about half of the 305-day lactation records that were completed during the year. Approximately 60 to 70 percent of the cows on test at the beginning of any year will complete a 305-day lactation record during the year. During 1948, lactation records were reported for only 30.2 percent of the cows on test January 1, 1948, or about half of the lactation records completed during the year.

The demand for proved sires and for proved-sire information is greater today than ever before. More sires could be proved if more 305-day lactation records were reported by association supervisors. Supervisors should be urged and assisted by association members to report all 305-day lactation records promptly as they are completed. The number of sires proved and the volume of proved-sire data are in direct proportion to the number of lactation records reported.

MORE THAN TWO MILLION LACTATION RECORDS REPORTED

Since the Nation-wide DHIA Proved Sire Program began in 1935, more than 2 million 305-day lactation records have been reported from various sources for use in proving DHIA sires. The following table shows the number of records reported by DHIA supervisors and by breed associations, by years:

Number of 305-day lactation records reported by years, 1936-48, inclusive 1/

Year	DHIA records	Breed Association Herd Test		
		American	Ayrshire	Brown Swiss
	Number	Number	Number	Number
1936	2,578	--	--	--
1937	57,781	--	--	--
1938	127,990	--	--	--
1939	187,263	--	--	--
1940	232,229	--	--	--
1941	262,589	--	--	--
1942	213,476	--	618	--
1943	149,388	--	6,042	862
1944	156,738	1,303	5,760	2,191
1945	164,526	1,519	7,679	3,712
1946	173,936	1,558	5,634	2,756
1947	237,316	1,514	8,558	3,423
1948	267,999	2,112	10,670	4,302
Total	2,233,809	8,006	44,961	17,246

1/Grand total, from all sources, 2,304,022.

DHIA PROVED-SIRE RECORDS TABULATED IN DECEMBER 1948

Following is a list of 426 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in December 1948. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST FIRST OF ALL 72466----------	5 daughters--	5	10,315	4.1	425
Born, 6-18-42; proved, 12-17-48;----; Ind.	5 dams-------	11	10,872	4.1	441
Sire, 59661; dam, 141368.	Difference---	(3-3-3)	-557	.0	-16
Used in Elkhart Co. A. B. A.					
ALTA CREST FREE TRADER 74372----------	10 daughters-	10	7,374	3.8	282
Born, 8-14-42; proved, 12-17-48;----; Vt.	8 daughters--	8	7,108	3.8	273
Sire, 51649; dam, 220389.	8 dams-------	28	8,953	3.9	351
Herd Owner, Pine Woods Farm, Perkinsville.	Difference---	(0-3-0)	-1,845	-.1	-78
AL-TAR-AYR'S FARMS WHITE HAWK 69750----------	10 daughters-	11	8,606	3.9	336
Born, 3-6-42; proved, 12-1-48;----; N. Y.	10 dams------	52	9,949	4.0	398
Sire, 64255; dam, 155970.	Difference---	(4-3-5)	-1,343	-.1	-62
Herd Owner, Dr. Albert J. Tarr, Waterloo.					
AYRLAND REDMAN 67922----------	23 daughters-	35	8,940	4.0	354
Born, 9-22-40; proved, 12-7-48;----; N. Y.	21 daughters-	33	8,968	4.0	356
Sire, 48135; dam, 234092.	21 dams------	51	8,815	4.1	363
Herd Owner, Arnold Brothers, Canandaigua.	Difference---	(9-8-10)	+153	-.1	-7
BAN TARA BAILEY 75608----------	5 daughters--	5	8,703	4.4	384
Born, 3-24-43; proved, 12-16-48;----; Wis.	5 dams-------	11	8,200	4.1	335
Sire, 69609; dam, 235260.	Difference---	(3-4-5)	+503	+.3	+49
Herd Owner, Ray Henschel, Sturgeon Bay.					
BARWOOD MR. LAD 67075----------	6 daughters--	10	6,083	4.0	246
Born, 4-10-41; proved, 12-10-48;----; Kans.	5 daughters--	8	5,911	4.0	237
Sire, 52164; dam, 157875.	5 dams-------	12	5,446	4.1	225
Herd Owner, Hunn & Nelson, Arrington.	Difference---	(3-3-3)	+465	-.1	+12
BAY STATE GERALD 63899----------	10 daughters-	13	9,481	3.9	373
Born, 3-9-40; proved, 12-9-48;----; Vt.	9 daughters--	12	9,571	4.0	379
Sire, 54761; dam, 112393.	9 dams-------	12	7,877	4.1	326
Herd Owner, Jordan F. Atwood, Wells River.	Difference---	(5-4-5)	+1,694	-.1	+53
BENAYR WINDSOR DOUGLAS 69601----------	9 daughters--	12	7,546	3.9	296
Born, 8-18-41; proved, 12-9-48;----; Vt.	7 daughters--	10	7,216	4.0	287
Sire, 52394; dam, 189334.	7 dams-------	17	7,535	3.8	289
Herd Owner, Kenneth R. Hunt, Windsor.	Difference---	(2-5-5)	-319	+.2	-2
BROAD LAWN VICEROY 56959----------	6 daughters--	10	9,305	3.8	354
Born, 6-23-37; proved, 12-8-48;----; Okla.	5 daughters--	8	9,571	3.8	364
Sire, 46596; dam, 142361.	5 dams-------	14	9,998	4.0	396
Herd Owner, Herman J. Stabe, Lahoma.	Difference---	(1-2-1)	-427	-.2	-32
BROOKVIEW-AYR STAR PROGRESS 64680----------	7 daughters--	11	6,495	4.2	275
Born, 2-15-40; proved, 12-15-48;----; Ohio.	6 daughters--	10	6,203	4.2	261
Sire, 54498; dam, 192950.	6 dams-------	13	7,427	4.1	308
Herd Owner, Border-Ayr Farm, Frankfort.	Difference---	(2-4-2)	-1,224	+.1	-47
CACAPON AVIATOR 63404----------	18 daughters-	32	7,265	4.1	294
Born, 1-21-40; proved, 12-10-48;----; N. H.	13 daughters-	23	7,397	4.1	302
Sire, 58118; dam, 183183.	13 dams------	43	8,359	3.9	322
Herd Owner, Farrview Farm, Lebanon.	Difference---	(3-10-5)	-962	+.2	-20
COLD STREAM HIGH GLOSS 65241----------	7 daughters--	12	9,065	4.1	375
Born, 8-29-40; proved, 12-15-48; dead; N. Y.	6 daughters--	11	8,884	4.1	366
Sire, 45019; dam, 191539.	6 dams-------	23	11,171	3.9	441
Herd Owner, Cold Springs Farm, Mooers.	Difference---	(0-4-0)	-2,287	+.2	-75
CREST BOURN GENTLEMAN 69780----------	6 daughters--	6	7,730	4.1	316
Born, 11-7-41; proved, 12-28-48;----; N. Y.	6 dams-------	23	8,916	4.1	367
Sire, 57327; dam, 149767.	Difference---	(1-2-2)	-1,186	.0	-51
Herd Owner, Hill Crest Farm, Rouses Point.					
DESERT CREST'S EL SABIO 69099----------	5 daughters--	5	9,296	4.6	428
Born, 10-30-41; proved, 12-1-48;----; Ariz.	5 dams-------	10	10,911	4.0	433
Sire, 53238; dam, 223362.	Difference---	(1-5-2)	-1,615	+.6	-5
Herd Owner, L. A. Johnson & Sons, Mesa.					

AYRSHIRE SIRES	Animals	[illegible]	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
DESERT CREST'S GOLDEN GLORY 69100----------	11 daughters-	13	7,945	4.3	327
Born, 11-26-41; proved, 12-15-48;----; Md.	5 daughters--	5	7,[illegible]	4.[illegible]	342
Sire, 57555; dam, 190172.	5 dams-------	12	7,[illegible]	4.[illegible]	292
Herd Owner, Monocacy Ayr Farm, Frederick.	Difference---	(4-5-4)	+421	+.[illegible]	+50
FAIRLEA ULSTER 67953----------	7 daughters--	9	8,442	4.0	336
Born, 5-29-41; proved, 12-3-48;----; Vt.	5 daughters--	7	9,067	4.0	360
Sire, 54883; dam, 199832.	5 dams-------	19	8,839	3.7	331
Herd Owner, Jordan F. Atwood, Wells River.	Difference---	(3-5-4)	+228	+.3	+29
FAIR MEADOWS BEN SYLBELDO 68856----------	8 daughters--	11	8,438	3.9	333
Born, 7-24-41; proved, 12-1-48;----; Conn.	6 daughters--	8	8,451	4.0	335
Sire, 52018; dam, 203795.	6 dams-------	9	9,122	3.9	355
Herd Owner, Kingsland Farm, Sharon.	Difference---	(2-3-3)	-671	+.1	-20
FAIR MEADOWS LUCKY BOY 70259----------	9 daughters--	10	11,104	4.2	465
Born, 11-8-41; proved, 12-13-48;----; Conn.	9 dams-------	44	11,353	4.1	462
Sire, 52018; dam, 205678.	Difference---	(3-9-4)	-249	+.1	+3
Herd Owner, Fair Meadows Farm, Litchfield.					
FILLMORE HEADMASTER 74435----------	6 daughters--	6	7,686	4.3	330
Born, 3-15-43; proved, 12-16-48;----; Vt.	6 dams-------	16	9,270	4.1	382
Sire, 56766; dam, 188081.	Difference---	(1-6-1)	-1,584	+.2	-52
Herd Owner, Fillmore Farms, Inc., Bennington.					
FILLMORE MANIFESTER 68336----------	7 daughters--	7	7,928	4.1	323
Born, 10-12-41; proved, 12-15-48;----; N. Y.	7 dams-------	19	8,443	4.2	356
Sire, 58732; dam, 219005.	Difference---	(2-4-2)	-515	-.1	-33
Herd Owner, Washington County Home Farm, Argyle.					
GALNEY QUALITY 65553----------	9 daughters--	13	9,506	4.5	427
Born, 3-13-40; proved, 12-28-48;----; N. Y.	8 daughters--	11	9,431	4.5	429
Sire, 59354; dam, 154874.	8 dams-------	44	10,247	4.4	456
Herd Owner, Floyd Loper, Hornell.	Difference---	(2-4-2)	-816	+.1	-27
GLEN CAMPBELL VALOR, IMP. 65722----------	9 daughters--	16	8,130	4.2	341
Born, 1-14-38; proved, 12-3-48;----; Ill.	7 daughters--	11	8,104	4.2	344
Sire, 59935; dam, 197885.	7 dams-------	19	8,987	3.9	353
Herd Owner, Glen Urquhart Farms, Barrington.	Difference---	(1-6-5)	-883	+.3	-9
GLENGARRY BRITAIN, IMP. 69906----------	10 daughters-	10	8,856	4.0	356
Born, 10-15-39; proved, 12-15-48;----; N. Y.	7 daughters--	7	8,588	4.1	352
Sire, 64582; dam, 298490.	7 dams-------	37	8,759	4.1	360
Herd Owner, Arnold Brothers, Canandaigua.	Difference---	(3-5-3)	-171	.0	-8
GOOD ACRES ADVANCER 69204----------	7 daughters--	7	11,297	3.8	428
Born, 12-25-41; proved, 12-2-48;----; Pa.	7 dams-------	22	10,210	3.9	401
Sire, 35622; dam, 201828.	Difference---	(5-3-3)	+1,087	-.1	+27
Herd Owner, Good Acres Farm, Fayetteville.					
GREEN HILL SUNNY EARL 62481----------	8 daughters--	11	9,075	4.0	365
Born, 4-12-39; proved, 12-7-48; dead; N. Y.	5 daughters--	8	8,169	3.9	322
Sire, 55255; dam, 137097.	5 dams-------	14	8,018	3.9	311
Herd Owner, Lester Schwingel & Sons, Atlanta.	Difference---	(3-3-3)	+151	.0	+11
HANNAH'S KING OF OLD FORGE 69975----------	7 daughters--	7	8,903	3.9	345
Born, 3-12-42; proved, 12-1-48;----; Pa.	6 daughters--	6	9,049	3.9	351
Sire, 51156; dam, 147076.	6 dams-------	24	8,314	3.9	326
Herd Owner, Old Forge Farm, Spring Grove.	Difference---	(4-3-4)	+735	.0	+25
HAPPY DAYS SWANKY BOY 71349----------	9 daughters--	11	7,732	4.0	311
Born, 8-9-42; proved, 12-29-48;----; Kans.	5 daughters--	5	7,195	4.0	290
Sire, 68064; dam, 113650.	5 dams-------	7	8,218	4.0	332
Herd Owner, Da-Sie Stock Farm, Hillsboro.	Difference---	(2-4-3)	-1,023	.0	-42
HICKORY HILL DUKE BEE 69456----------	11 daughters-	12	7,982	4.1	324
Born, 2-18-42; proved, 12-16-48; dead; N. Y.	10 daughters-	10	8,048	4.1	330
Sire, 59869; dam, 213429.	10 dams------	46	8,951	4.1	363
Herd Owner, Cold Spring Farm, Delhi.	Difference---	(4-7-3)	-903	.0	-33
IROQUOIS GOLDEN DOUGLAS 66825----------	6 daughters--	9	9,938	4.1	405
Born, 3-17-41; proved, 12-1-48; alive; N. Y.	6 dams-------	23	10,580	4.2	443
Sire, 48722; dam, 134534.	Difference---	(2-2-1)	-642	-.1	-38
Herd Owner, Iroquois Farm, Cooperstown.					
ISLAND CREEK FAVORITE PAT 64953----------	5 daughters--	7	10,253	4.1	420
Born, 7-7-40; proved, 12-1-48; alive; W. Va.	5 dams-------	21	9,110	4.0	360
Sire, 58278; dam, 139200.	Difference---	(4-4-4)	+1,143	+.1	+60
Herd Owner, Island Creek Coal Co., Holden.					
LANEWAY CHRISTOPHER JOHN 68895----------	11 daughters-	11	8,604	4.2	358
Born, 11-28-41; proved, 12-1-48;----; N. H.	10 daughters-	10	8,593	4.2	358
Sire, 51577; dam, 191099.	10 dams------	35	9,442	4.0	381
Herd Owner, Hampshire Hills Farms Co., Wilton.	Difference---	(2-8-4)	-849	+.2	-23

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LANEWAY MONARCH 69062----------	8 daughters--	9	8,954	4.1	367
Born, 12-7-41; proved, 12-1-48;----; Vt.	7 daughters--	8	9,018	4.2	376
Sire, 51577; dam, 213993.	7 dams-------	39	9,333	3.9	364
Herd Owner, Greenrange Farm, Brandon.	Difference---	(3-7-4)	-315	+.3	+12
LIPPITT GOBLIN DOUGLAS 60107----------	11 daughters-	15	8,324	4.1	341
Born, 10-24-38; proved, 12-22-48;----; N. Y.	9 daughters--	13	8,604	4.1	349
Sire, 47977; dam, 113443.	9 dams-------	28	9,223	4.0	373
Herd Owner, Ralph S. Gould, Hobart.	Difference---	(2-6-3)	-619	+.1	-24
LIPPITT HANS DOUGLAS 62233----------	6 daughters--	11	10,356	4.0	414
Born, 8-13-39; proved, 12-20-48;----; Vt.	5 daughters--	9	10,928	4.0	436
Sire, 47977; dam, 137664.	5 dams-------	19	9,267	4.0	361
Used in Vermont Co-op. A. B. A., Inc.	Difference---	(4-4-5)	+1,661	.0	+75
LIPPITT JACK HEATH 65790----------	8 daughters--	13	8,987	4.0	361
Born, 12-5-40; proved, 12-14-48; dead; Mass.	7 daughters--	10	9,079	4.0	364
Sire, 45019; dam, 147182.	7 dams-------	32	8,971	4.0	359
Herd Owner, Massachusetts State College, Amherst.	Difference---	(4-5-4)	+108	.0	+5
LONE CHESTNUT'S LAD'S RED MAN 63990----------	10 daughters-	11	8,829	4.1	362
Born, 11-6-39; proved, 12-3-48;----; Wis.	7 daughters--	8	9,130	4.2	381
Sire, 46429; dam, 150470.	7 dams-------	12	9,639	3.8	364
Herd Owner, Frank G. Ott & Son, Menasha.	Difference---	(4-7-5)	-509	+.4	+17
MASONIC HOMES SCOTTIE 69581----------	7 daughters--	8	8,786	4.0	353
Born, 1-26-42; proved, 12-1-48;----; Wis.	7 dams-------	17	8,821	4.0	352
Sire, 58179; dam, 151107.	Difference---	(3-4-3)	-35	.0	+1
Herd Owner, Millard H. Ihde & Sons, Neenah.					
PINEHURST RONNIE 58389----------	8 daughters--	9	8,359	4.1	339
Born, 1-12-38; proved, 12-8-48;----; N. C.	8 dams-------	24	8,762	4.0	347
Sire, 28567; dam, 133241.	Difference---	(3-7-3)	-403	+.1	-8
Herd Owner, Samarcand Manor, Eagle Spring.					
PLAINAYR SUNNY BOY 63514----------	11 daughters-	13	8,037	4.3	347
Born, 9-17-39; proved, 12-15-48;----; Kans.	10 daughters-	12	8,338	4.3	357
Sire, 58444; dam, 166467.	10 dams------	20	7,229	3.9	282
Herd Owner, Hoffman Brothers, Abilene.	Difference---	(7-8-8)	+1,109	+.4	+75
PULPIT ROCK'S MACK 72675----------	9 daughters--	9	6,951	4.1	285
Born, 9-24-42; proved, 12-16-48; dead; N. Y.	6 daughters--	6	7,441	4.2	310
Sire, 64866; dam, 185007.	6 dams-------	8	7,991	4.1	326
Herd Owner, Bolder Ledge Farm, Mannsville.	Difference---	(1-5-1)	-550	+.1	-16
REYMANN ADVOCATE 3D (TWIN) 69079----------	7 daughters--	7	8,657	4.2	366
Born, 1-20-42; proved, 12-10-48; alive; W. Va.	7 dams-------	27	8,681	4.0	348
Sire, 63071; dam, 183189.	Difference---	(4-6-5)	-24	+.2	+18
Herd Owner, Fair View Farm, Morgantown.					
REYMANN LINDY 4TH 66566----------	6 daughters--	7	10,360	4.4	459
Born, 3-24-41; proved, 12-2-48; alive; Pa.	5 daughters--	6	10,209	4.4	452
Sire, 35953; dam, 148107.	5 dams-------	19	8,235	4.2	349
Herd Owner, Pennsylvania State College, State College.	Difference---	(5-5-5)	+1,974	+.2	+103
REYMANN LINDY 7TH (TWIN) 67314----------	8 daughters--	10	9,755	4.5	440
Born, 6-21-41; proved, 12-10-48; alive; Ohio.	6 daughters--	8	10,333	4.5	469
Sire, 35953; dam, 142004.	6 dams-------	22	8,532	4.1	348
Herd Owner, Joseph J. McConnell, Wellington.	Difference---	(5-6-6)	+1,801	+.4	+121
ROSELAWN O'MAN (TWIN) 69668----------	5 daughters--	6	9,298	4.1	386
Born, 10-25-41; proved, 12-2-48;----; Pa.	5 dams-------	18	8,950	4.0	359
Sire, 50792; dam, 122648.	Difference---	(2-4-2)	+348	+.1	+27
Herd Owner, Shawnee Valley Farms, East Stroudsburg.					
ROSELAWN O'MASTER 66354----------	8 daughters--	10	11,262	3.8	429
Born, 11-11-40; proved, 12-1-48; dead; Md.	8 dams-------	33	10,249	4.0	408
Sire, 56585; dam, 190147.	Difference---	(6-3-4)	+1,013	-.2	+21
Herd Owner, Knollhill Farm, Frederick.					
ROSELAWN PRINCE MAGNET 71279----------	6 daughters--	7	8,278	4.1	342
Born, 7-30-42; proved, 12-1-48; alive; Md.	6 dams-------	15	8,608	4.0	342
Sire, 50792; dam, 168539.	Difference---	(3-4-3)	-330	+.1	0
Herd Owner, Mount Harmon Farm, Earleville.					
SHIRLEY-AYR BANNER MAN, IMP. 65052----------	15 daughters-	25	8,374	3.9	330
Born, 7-18-40; proved, 12-15-48;----; Ohio.	13 daughters-	23	8,518	4.0	337
Sire, 59660; dam, 233077.	13 dams------	35	9,123	3.6	333
Herd Owner, John C. & Ethel Bates, Steubenville.	Difference---	(6-11-6)	-605	+.4	+4
SHIRLEY-AYR FIRST CHOICE 65304----------	12 daughters-	17	7,682	4.3	327
Born, 7-11-40; proved, 12-16-48;----; Iowa.	12 dams------	49	9,454	4.1	386
Sire, 47698; dam, 133813.	Difference---	(2-9-2)	-1,772	+.2	-59
Herd Owner, Howie Lang & Sons, Brooklyn.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SHIRLEY-AYR LEADER 66884----------	11 daughters-	12	9,791	4.2	407
Born, 4-8-41; proved, 12-2-48; dead; Ohio.	10 daughters-	11	9,822	4.2	411
Sire, 60696; dam, 206914.	10 dams------	29	10,550	3.8	401
Herd Owner, Laurenglyn Farm, Alger.	Difference---	(3-7-7)	-728	+.4	+10
SHIRLEY-AYR RENOWN 68463----------	8 daughters--	11	7,279	3.7	271
Born, 10-21-41; proved, 12-15-48;----; Md.	7 daughters--	10	7,479	3.7	280
Sire, 60696; dam, 195119.	7 dams-------	29	6,661	3.9	259
Herd Owner, Clover Burn Farms, Middleburg.	Difference---	(4-3-3)	+818	-.2	+21
SILVER RUN NESTOR 2D 71631----------	6 daughters--	8	8,476	4.1	351
Born, 9-30-42; proved, 12-7-48; alive; Md.	5 daughters--	7	8,275	4.1	343
Sire, 62282; dam, 147763.	5 dams-------	7	7,843	4.0	312
Herd Owner, Kent Oak Farm, Millington.	Difference---	(4-3-4)	+432	+.1	+31
STRATHGLASS BONNIE HARLEY 67697----------	9 daughters--	11	7,688	4.0	306
Born, 7-4-41; proved, 12-13-48; dead; N. Y.	9 dams-------	33	8,475	4.3	364
Sire, 51655; dam, 172604.	Difference---	(1-1-1)	-787	-.3	-58
Herd Owner, Malcolm L. Johnson, Frankfort.					
STRATHGLASS JONATHAN'S LUCK 68550----------	9 daughters--	12	9,278	3.9	362
Born, 11-10-41; proved, 12-16-48;----; Ill.	7 daughters--	8	8,926	3.9	347
Sire, 52349; dam, 97809.	7 dams-------	19	9,980	3.8	377
Herd Owner, Frank McDonald & Sons, Princeton.	Difference---	(3-4-3)	-1,054	+.1	-30
SUNFLOWER CRISTELLA'S MIKE 73362----------	6 daughters--	7	7,187	4.2	305
Born, 8-30-42; proved, 12-16-48;----; Kans.	6 dams-------	7	9,407	4.1	382
Sire, 58444; dam, 226457.	Difference---	(0-4-1)	-2,220	+.1	-77
Herd Owner, Walter D. Hand, Mulvane.					
SYCAMORE DILIGENCE 64911----------	11 daughters-	17	9,153	3.9	357
Born, 7-15-40; proved, 12-16-48;----; Pa.	9 daughters--	15	9,136	3.9	358
Sire, 47472; dam, 130537.	9 dams-------	27	8,069	4.1	329
Herd Owner, C. Bryan Baker, Newville.	Difference---	(7-5-5)	+1,067	-.2	+29
TOLL GATE RED RAIN 68780----------	12 daughters-	16	8,111	4.1	333
Born, 9-20-41; proved, 12-15-48; alive; N. Y.	10 daughters-	13	8,154	4.1	331
Sire, 64885; dam, 183016.	10 dams------	23	8,902	4.0	353
Herd Owner, Henry N. Barlow & Sons, Wassaic.	Difference---	(4-8-3)	-748	+.1	-22
VEL-AYR MAN O'WAR 66547----------	9 daughters--	15	9,336	4.1	386
Born, 10-6-40; proved, 12-1-48; alive; Ohio.	8 daughters--	14	9,467	4.2	394
Sire, 54498; dam, 130002.	8 dams-------	29	9,507	4.1	391
Herd Owner, Green Valley Farm, Jackson.	Difference---	(4-6-6)	-40	+.1	+3
VISTA GRANDE CHAMP 67743----------	7 daughters--	10	8,729	4.0	351
Born, 7-16-41; proved, 12-3-48; dead; Pa.	6 daughters--	8	8,847	4.0	356
Sire, 41342; dam, 171178.	6 dams-------	26	10,313	3.9	397
Herd Owner, F. M. Kintigh, Irwin.	Difference---	(1-4-0)	-1,466	+.1	-41
VISTA GRANDE DASHER 72035----------	6 daughters--	7	7,642	4.6	350
Born, 12-6-42; proved, 12-17-48;----; Kans.	6 dams-------	24	9,339	4.3	399
Sire, 65761; dam, 231226.	Difference---	(1-6-2)	-1,697	+.3	-49
Herd Owner, R. E. Stark & Son, Abilene.					
VISTA GRANDE DOUGLAS COMMANDER 68940----------	11 daughters-	14	10,269	3.7	384
Born, 12-16-41; proved, 12-3-48;----; Ind.	10 daughters-	13	10,071	3.8	381
Sire, 47364; dam, 148607.	10 dams------	30	10,990	3.7	406
Herd Owner, Randolph M. Core, Franklin.	Difference---	(4-7-4)	-919	+.1	-25
VISTA GRANDE EMPEROR 65098----------	6 daughters--	9	8,507	4.0	343
Born, 8-19-40; proved, 12-14-48;----; Vt.	6 dams-------	16	8,153	4.1	333
Sire, 55677; dam, 167253.	Difference---	(4-3-3)	+354	-.1	+10
Herd Owner, Fillmore Farms, Inc., Bennington.					
WHITPAIN ADVANCER 70489----------	13 daughters-	16	9,165	4.2	384
Born, 1-25-42; proved, 12-3-48; alive; N. Y.	12 daughters-	15	9,410	4.2	393
Sire, 43060; dam, 130636.	12 dams------	41	7,987	4.2	336
Herd Owner, Pine Lake Farms, Cobleskill.	Difference---	(10-7-10)	+1,423	.0	+57
WHITPAIN AMBASSADOR 67402----------	7 daughters--	11	9,185	4.2	385
Born, 6-19-41; proved, 12-3-48;----; Wis.	7 dams-------	22	6,656	4.0	265
Sire, 43060; dam, 191502.	Difference---	(7-5-7)	+2,529	+.2	+120
Herd Owner, Harry R. Richardson, Spring Green.					
WHITPAIN AMERICAN BENEFACTOR 57767----------	5 daughters--	8	7,608	4.2	316
Born, 11-5-37; proved, 12-16-48;----; Kans.	5 dams-------	11	6,852	4.3	294
Sire, 35139; dam, 172551.	Difference---	(4-2-4)	+756	-.1	+22
Herd Owner, Dwight E. Hull, El Dorado.					
WHITPAIN CAROL'S O'MAN 66190----------	13 daughters-	16	9,236	4.0	374
Born, 12-24-40; proved, 12-16-48;----; Md.	13 dams------	71	9,387	4.2	395
Sire, 43060; dam, 130632.	Difference---	(5-3-4)	-151	-.2	-21
Herd Owner, John W. Hunt, Ellicott City.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WHITPAIN FOOTPRINT 63336	11 daughters	13	10,447	3.9	411
Born, 1-9-40; proved, 12-6-48;----; Pa.	9 daughters	11	10,429	4.0	415
Sire, 44209; dam, 164283.	9 dams	24	7,374	4.2	310
Herd Owner, Triple Shire Farm, Newville.	Difference	(7-4-7)	+3,055	-.2	+105
WHITPAIN HARVEST MAN 68200	13 daughters	14	8,467	3.8	318
Born, 9-14-41; proved, 12-16-48;----; Mass.	10 daughters	11	8,397	3.8	317
Sire, 43060; dam, 202392.	10 dams	15	8,479	3.8	323
Herd Owner, Castle Hill Farm, Whitinsville.	Difference	(7-6-7)	-82	.0	-6
WHITPAIN HERCULES 74709	5 daughters	5	7,742	3.8	296
Born, 4-16-43; proved, 12-16-48;----; Pa.	5 dams	15	8,080	4.0	327
Sire, 63338; dam, 188527.	Difference	(2-2-2)	-338	-.2	-31
Herd Owner, Normandy Farm, Norristown.					
WHITPAIN KING ARTHUR 69998	13 daughters	15	9,531	4.4	421
Born, 3-25-42; proved, 12-13-48;----; Kans.	12 daughters	14	9,839	4.4	435
Sire, 43060; dam, 134802.	12 dams	46	9,724	4.0	392
Herd Owner, G. Fred Williams, Hutchinson.	Difference	(8-11-8)	+115	+.4	+43
WHITPAIN LADMAN 61046	9 daughters	11	7,648	4.4	339
Born, 5-20-39; proved, 12-16-48;----; Conn.	8 daughters	10	7,783	4.5	351
Sire, 43060; dam, 154004.	8 dams	27	8,761	4.1	361
Herd Owner, Hillyland Farm, Willimantic.	Difference	(2-6-2)	-978	+.4	-10
WHITPAIN MARIMAN 66657	12 daughters	17	8,749	4.1	361
Born, 2-10-41; proved, 12-16-48;----; N. Y.	11 daughters	15	8,804	4.1	364
Sire, 43060; dam, 153992.	11 dams	27	9,453	4.1	390
Herd Owner, Dawnwood Farm, Amenia.	Difference	(3-6-5)	-649	.0	-26
WHITPAIN ROSSMAN 66656	9 daughters	15	9,312	4.2	390
Born, 1-31-41; proved, 12-15-48; alive; N. Y.	8 daughters	14	9,665	4.1	401
Sire, 43060; dam, 130639.	8 dams	29	9,531	4.2	402
Herd Owner, Strathbar Farm, Frankfort.	Difference	(5-4-4)	+134	-.1	-1
WOODCHUCK ADVANCER 70110	6 daughters	7	8,728	4.0	351
Born, 3-13-42; proved, 12-1-48;----; N. Y.	6 dams	31	8,625	4.1	353
Sire, 35622; dam, 202886.	Difference	(3-3-3)	+103	-.1	-2
Herd Owner, Sherman Ewing, Amenia.					
WOOD FORD DOUGLAS MACARTHUR 65574	8 daughters	12	8,527	4.2	361
Born, 11-8-40; proved, 12-10-48;----; Conn.	7 daughters	11	8,714	4.2	369
Sire, 41820; dam, 119434.	7 dams	22	9,102	4.2	383
Herd Owner, Wood Ford Farm, Avon.	Difference	(3-4-3)	-388	.0	-14

BROWN SWISS SIRES

ANN'S COLLEGE BOY 45898	6 daughters	10	11,281	4.1	463
Born, 1-9-40; proved, 12-1-48;----; Minn.	6 dams	30	11,406	4.0	456
Sire, 18695; dam, 48148.	Difference	(2-4-3)	-125	+.1	+7
Herd Owner, Walter Haubrich, New Ulm.					
BEN OF HARRIS HILL 54749	5 daughters	5	6,808	3.9	268
Born, 2-5-42; proved, 12-22-48;----; Maine.	5 dams	5	6,455	4.0	259
Sire, 39444; dam, 61523.	Difference	(3-4-3)	+353	-.1	+9
Herd Owner, Bert W. Paul, South Solon.					
CONQUEROR OF WEST LAWN 42042 *12	12 daughters	22	11,862	3.9	464
Born, 2-9-38; proved, 12-14-48;----; Wis.	12 dams	84	10,635	4.1	431
Sire, 32865; dam, 52917.	Difference	(10-4-8)	+1,227	-.2	+33
Herd Owner, Weber West, Sarona.					
LADD OF LAKE GEORGE 45786	6 daughters	10	7,450	3.7	274
Born, 2-28-39; proved, 12-3-48; dead; W. Va.	6 dams	17	8,440	3.9	327
Sire, 30668; dam, 73148.	Difference	(1-2-1)	-990	-.2	-53
Herd Owner, W. Va. Industrial School for Boys, Grafton.					
LUCILE'S DAN J. B. 53181	7 daughters	9	9,314	4.2	396
Born, 10-16-41; proved, 12-3-48;----; Ind.	7 dams	15	12,014	3.9	469
Sire, 36887; dam, 74523.	Difference	(1-6-2)	-2,700	+.3	-73
Herd Owner, W. B. Isenhart, Portland.					
MAIDEN'S BEST BOY M. B. 48711	10 daughters	12	11,184	4.2	464
Born, 10-3-40; proved, 12-2-48;----; Minn.	8 daughters	9	11,330	4.2	476
Sire, 42937; dam, 57341.	8 dams	18	10,121	3.9	400
Herd Owner, William Drewitz & Sons, Faribault.	Difference	(7-7-8)	+1,209	+.3	+76
NIAGARA BOY'S WALLY OF C K & D 50512	7 daughters	9	12,118	4.0	479
Born, 6-24-40; proved, 12-3-48; dead; Pa.	5 daughters	6	11,218	4.0	444
Sire, 24084; dam, 52954.	5 dams	10	9,527	3.5	336
Herd Owner, Orangeville Brown Swiss Farm, Sharpsville.	Difference	(4-5-5)	+1,691	+.5	+108

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PRAIRIELAND MAXINE JUNKER 74139----------	9 daughters--	12	11,815	4.1	481
Born, 2-6-40; proved, 12-1-48; dead; Ill.	6 daughters--	8	11,283	4.1	463
Sire, 39303; dam, 53269.	6 dams-------	9	9,360	3.9	369
Herd Owner, Ray J. Folgate, Freeport.	Difference---	(5-5-5)	+1,923	+.2	+94
S. GERTRUDE'S BUSTER J. B. 53937----------	5 daughters--	7	12,051	4.0	480
Born, 2-27-42; proved, 12-1-48;----; Iowa.	5 dams-------	19	10,794	4.2	452
Sire, 31073; dam, 55408.	Difference---	(4-2-3)	+1,257	-.2	+28
Herd Owner, Arthur Schmelzer & Sons, West Union.					
VIOLA FAY'S DICK 56503----------	6 daughters--	6	8,153	4.1	331
Born, 8-25-42; proved, 12-14-48;----; Iowa.	6 dams-------	19	7,968	3.8	306
Sire, 48514; dam, 89881.	Difference---	(4-5-5)	+185	+.3	+25
Herd Owner, Raymond Kadolph, Eldora.					

GUERNSEY SIRES

ADELMER'S CORONATION ESQUIRE 291832 *12----------	15 daughters-	20	7,404	5.3	393
Born, 9-10-40; proved, 12-20-48;----; Minn.	14 daughters-	19	7,379	5.3	390
Sire, 257582; dam, 448656.	14 dams------	57	7,300	4.9	354
Herd Owner, Bernard Wachholz & Sons, Stockton.	Difference---	(7-13-9)	+79	+.4	+36
ADELMER'S DUKE OF WINDSOR 248741----------	10 daughters-	14	7,398	5.1	406
Born, 5-14-37; proved, 12-1-48; alive; Minn.	6 daughters--	8	8,941	5.1	453
Sire, 205523; dam, 299462.	6 dams-------	18	8,763	4.8	420
Herd Owner, Ralph D. Sisler, Grand Rapids.	Difference---	(3-3-4)	+178	+.3	+33
AFRI'S BUDDIE OF PIONEER POINT 260457----------	7 daughters--	9	8,669	4.5	393
Born, 4-13-38; proved, 12-20-48;----; Md.	5 daughters--	7	8,789	4.5	397
Sire, 193733; dam, 323159.	5 dams-------	16	8,045	4.4	354
Herd Owner, A. T. Blades, Preston.	Difference---	(3-3-4)	+744	+.1	+43
AIGLER FARM ROSIE'S PRINCE 325389----------	9 daughters--	11	7,863	4.6	362
Born, 10-2-41; proved, 12-2-48; dead; Ohio.	6 daughters--	8	8,310	4.7	389
Sire, 265962; dam, 629492.	6 dams-------	13	8,668	4.7	403
Herd Owner, R. Hoffman, Oberlin.	Difference---	(3-4-3)	-358	.0	-14
ANTIETAM GYPSY KING 301944----------	8 daughters--	9	9,646	4.7	454
Born, 3-20-40; proved, 12-1-48;----; Pa.	5 daughters--	6	10,041	4.6	462
Sire, 231275; dam, 423608.	5 dams-------	17	8,820	5.1	454
Herd Owner, William F. Fretz, Pipersville.	Difference---	(4-0-2)	+1,221	-.5	+8
BIG MEADOW RELIANCE 324110----------	6 daughters--	6	7,036	5.3	370
Born, 12-29-41; proved, 12-1-48;----; Vt.	5 daughters--	5	7,047	5.2	367
Sire, 207241; dam, 500849.	5 dams-------	23	6,518	4.9	322
Herd Owner, Raymond F. Farrar, Chester Depot.	Difference---	(3-4-3)	+529	+.3	+45
BLAKEFORD MASTER 303098----------	14 daughters-	15	7,446	4.7	349
Born, 6-1-41; proved, 12-1-48;----; Md.	9 daughters--	10	8,003	4.6	368
Sire, 256253; dam, 506865.	9 dams-------	13	8,146	4.8	392
Herd Owner, Sterling J. Leister, Hampstead.	Difference---	(4-3-4)	-143	-.2	-24
BOULDER BRIDGE CONFIDENCE 320701----------	9 daughters--	10	7,073	5.3	377
Born, 4-6-42; proved, 12-7-48;----; Iowa.	7 daughters--	8	7,424	5.4	403
Sire, 259502; dam, 521921.	7 dams-------	18	7,134	5.2	374
Herd Owner, Raymond Baker & Son, Winfield.	Difference---	(3-5-4)	+290	+.2	+29
BOULDER BRIDGE IVOR 240374----------	6 daughters--	6	6,683	4.8	318
Born, 5-26-36; proved, 12-20-48;----; Minn.	6 dams-------	11	7,115	4.9	352
Sire, 216516; dam, 432007.	Difference---	(3-2-2)	-432	-.1	-34
Herd Owner, LeRoy Larson, Clarks Grove.					
BOURNEDALE DANNY BOY 335475----------	5 daughters--	9	8,029	5.4	433
Born, 1-21-43; proved, 12-1-48; alive; Va.	5 dams-------	14	7,093	5.2	369
Sire, 263010; dam, 518651.	Difference---	(3-3-3)	+936	+.2	+64
Herd Owner, T. R. Hamilton, Burkeville.					
BUTTERFAT'S GOLDEN WINNER 274746----------	5 daughters--	7	6,703	5.3	355
Born, 10-5-38; proved, 12-1-48;----; Kans.	5 dams-------	14	7,686	4.5	347
Sire, 210554; dam, 212983.	Difference---	(1-5-3)	-983	+.8	+8
Herd Owner, H. Dean Hyer, Olathe.					
CESOR CROWN MAXIM 323681----------	11 daughters-	16	7,469	4.9	369
Born, 6-29-41; proved, 12-3-48; alive; Mich.	8 daughters--	11	7,355	4.9	360
Sire, 290264; dam, 422563.	8 dams-------	19	6,221	5.2	321
Herd Owner, Cooley Brothers, Hudson.	Difference---	(5-3-4)	+1,134	-.3	+39
CESOR PHAROS' VIKING 298788----------	6 daughters--	6	8,343	4.6	382
Born, 5-10-40; proved, 12-16-48;----; Mich.	5 daughters--	5	8,472	4.5	378
Sire, 197467; dam, 379260.	5 dams-------	16	8,717	4.9	424
Herd Owner, Arthur Modderman & Son, Marne.	Difference---	(1-1-1)	-245	-.4	-46

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
COLDSPRING'S ROMULUS EQUAL 277301----------	12 daughters-	15	8,953	4.5	399
Born, 7-12-39; proved, 12-16-48;----; Ohio.	6 daughters--	8	9,312	4.5	416
Sire, 227598; dam, 443242.	6 dams-------	9	8,102	4.7	380
Herd Owner, Ralph & Max Shock, Rockford.	Difference---	(3-2-3)	+1,210	-.2	+36
COLORADO KING VALOR 306546----------	8 daughters--	11	9,081	5.1	464
Born, 6-27-41; proved, 12-1-48; alive; Idaho.	8 dams-------	14	8,509	4.9	413
Sire, 249210; dam, 416731.	Difference---	(4-5-5)	+572	+.2	+51
Herd Owner, William B. Allison, Caldwell.					
COOPER'S REDBALL 283544----------	8 daughters--	12	7,362	4.7	345
Born, 9-26-39; proved, 12-1-48; dead; Ill.	7 daughters--	11	7,884	4.7	367
Sire, 254196; dam, 354387.	7 dams-------	24	9,794	4.7	458
Herd Owner, W. E. Butler, Elgin.	Difference---	(2-4-1)	-1,910	.0	-91
DEMON'S MARVEL OF M. H. 269518 *10----------	14 daughters-	19	8,259	4.8	397
Born, 10-3-38; proved, 12-28-48; dead; Maine.	9 daughters--	12	8,428	4.8	406
Sire, 203856; dam, 422537.	9 dams-------	26	6,491	5.1	329
Herd Owner, Harold P. Smith & Son, Monmouth.	Difference---	(7-4-7)	+1,937	-.3	+77
DIANA'S REX OF GLEN FLORA 279806----------	10 daughters-	11	9,302	4.5	421
Born, 11-9-39; proved, 12-2-48;----; Wis.	9 daughters--	10	9,441	4.5	426
Sire, 232047; dam, 379410.	9 dams-------	30	8,957	4.7	424
Herd Owner, Max Klotz, Sheldon.	Difference---	(5-3-5)	+484	-.2	+2
DUKE'S KING OF PRESTDALE 260871-- ----------	9 daughters--	14	7,234	5.2	379
Born, 2-26-38; proved, 12-16-48;----; Wash.	6 daughters--	10	7,045	5.2	365
Sire, 219086; dam, 320000.	6 dams-------	16	8,469	5.1	433
Herd Owner, Squaltke Guernsey Farm, Deer Park.	Difference---	(0-3-0)	-1,424	+.1	-68
FLYING HORSE MASTER'S PHIL 331808----------	11 daughters-	11	9,364	4.9	458
Born, 12-5-42; proved, 12-1-48; alive; Wash.	11 dams------	38	9,128	4.9	443
Sire, 277540; dam, 617121.	Difference---	(5-6-5)	+236	.0	+15
Herd Owner, Meyer Brothers, Olympia.					
FREWVALE GLADIATOR 283378----------	7 daughters--	10	5,697	4.9	279
Born, 1-4-40; proved, 12-14-48;----; Pa.	5 daughters--	8	5,794	4.8	276
Sire, 251835; dam, 458467.	5 dams-------	10	8,693	4.5	393
Herd Owner, B. E. York, Washington.	Difference---	(0-3-0)	-2,899	+.3	-117
GREEN GABLES NIPIGON 281475----------	7 daughters--	9	7,068	5.1	357
Born, 11-10-39; proved, 12-15-48;----; Ill.	6 daughters--	7	7,155	5.1	364
Sire, 192431; dam, 440312.	6 dams-------	19	8,752	4.8	419
Herd Owner, Walnut Tree Farm, Palatine.	Difference---	(1-5-2)	-1,597	+.3	-55
GREEN MEADS KING DEAN 328076----------	9 daughters--	9	9,220	4.9	448
Born, 10-1-41; proved, 12-1-48;----; Wis.	9 dams-------	31	7,591	4.6	353
Sire, 288158; dam, 449158.	Difference---	(8-6-8)	+1,629	+.3	+95
Herd Owner, C. O. Wanvig, Milwaukee.					
GREEN MEADS SPLENDOR 271183----------	6 daughters--	10	9,080	4.4	399
Born, 12-1-37; proved, 12-1-48;----; Wis.	6 dams-------	20	8,345	4.8	401
Sire, 216866; dam, 476024.	Difference---	(5-1-3)	+735	-.4	-2
Herd Owner, Frank J. Mackey & Son, Mukwonago.					
GWYNLLAN JUNIOR 330720----------	10 daughters-	10	8,953	4.9	437
Born, 3-5-42; proved, 12-1-48;----; Pa.	9 daughters--	9	9,183	4.8	444
Sire, 225135; dam, 468451.	9 dams-------	33	8,496	4.6	391
Herd Owner, Silver Lake Farm, Norristown.	Difference---	(7-7-8)	+687	+.2	+53
HYPATIA'S BILLY BOY 235059----------	15 daughters-	30	7,801	4.6	362
Born, 11-13-35; proved, 12-17-48;----; Va.	5 daughters--	8	7,323	4.6	334
Sire, 152111; dam, 100215.	5 dams-------	14	7,064	4.5	319
Herd Owner, J. P. Fitzgerald, Crewe.	Difference---	(3-3-4)	+259	+.1	+15
JULIA'S BERNICE'S DUKE 260173----------	8 daughters--	16	7,610	4.3	327
Born, 12-20-37; proved, 12-16-48;----; Ariz.	6 daughters--	14	7,585	4.3	327
Sire, 217685; dam, 501588.	6 dams-------	13	8,105	4.4	353
Herd Owner, R. J. Cartwright, Phoenix.	Difference---	(1-3-3)	-520	-.1	-26
KALLA CHERUB OF IOWANOLA 297974----------	8 daughters--	9	6,642	5.1	341
Born, 1-24-41; proved, 12-3-48;----; Iowa.	7 daughters--	8	6,832	5.1	348
Sire, 223681; dam, 491125.	7 dams-------	22	7,269	4.9	358
Herd Owner, Bertel G. Berkeland, Fenton.	Difference---	(3-5-2)	-437	+.2	-10
KING LEAR'S SONNY BOY 298036----------	10 daughters-	18	9,272	5.0	459
Born, 10-22-40; proved, 12-7-48;----; Pa.	10 dams------	40	9,797	4.4	434
Sire, 233700; dam, 574939.	Difference---	(5-9-7)	-525	+.6	+25
Herd Owner, Foster Crawford, Tyrone.					
KING OF SCHMITT'S FARM 289287----------	5 daughters--	5	7,045	4.8	335
Born, 1-8-40; proved, 12-1-48;----; Mo.	5 dams-------	11	6,985	4.6	324
Sire, 193511; dam, 273010.	Difference---	(3-2-3)	+60	+.2	+11
Herd Owner, George Schmitt, Springfield.					

GUERNSEY SIRES	Animals	Records Averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KLONDIKE PARAGON AVERY 274638----------	8 daughters--	11	9,085	4.5	413
Born, 2-25-39; proved, 12-10-48; alive; Mich.	5 daughters--	8	8,953	4.5	406
Sire, 251772; dam, 483095.	5 dams-------	12	8,534	4.5	387
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(4-2-4)	+419	.0	+19
LAKEFIELD PRETOR 267718----------	9 daughters--	14	5,570	4.9	276
Born, 10-9-38; proved, 12-20-48;----; Maine.	6 daughters--	7	5,612	4.9	274
Sire, 246126; dam, 350993.	6 dams-------	12	5,433	4.9	267
Herd Owner, George C. Crocker, St. Albans.	Difference---	(4-4-3)	+179	.0	+7
L. M. HOLLISTAR OF E. L. 324940----------	6 daughters--	7	6,623	4.3	288
Born, 2-28-41; proved, 12-1-48;----; Wis.	6 dams-------	32	8,058	4.8	385
Sire, 248345; dam, 494434.	Difference---	(1-2-0)	-1,435	-.5	-97
Herd Owner, Elton W. Morgan, Cato.					
MAPLE KNOLL'S FERNDO 306541----------	5 daughters--	7	9,804	4.8	475
Born, 4-4-41; proved, 12-1-48;----; Pa.	5 dams-------	21	7,339	5.4	393
Sire, 262485; dam, 557427.	Difference---	(5-0-4)	+2,465	-.6	+82
Herd Owner, Maple Knoll Farm, New Hope.					
MARJOHNELLE PRINCE NIMINALE 307307----------	8 daughters--	11	8,082	4.8	392
Born, 10-16-40; proved, 12-7-48; dead; Mich.	6 daughters--	9	8,076	4.9	394
Sire, 223795; dam, 497212.	6 dams-------	14	7,316	5.3	389
Herd Owner, Elwood Eastman & Son, Cass City.	Difference---	(5-1-3)	+760	-.4	+5
MASTER'S BRUCE 317815----------	9 daughters--	9	7,429	4.9	365
Born, 10-20-40; proved, 12-15-48;----; Minn.	7 daughters--	7	7,195	4.9	356
Sire, 192043; dam, 493681.	7 dams-------	7	5,874	4.7	278
Herd Owner, William Abrahamson, Dassel.	Difference---	(5-6-5)	+1,321	+.2	+78
MCDONALD FARMS FREELAND 303546 *12----------	32 daughters-	50	7,119	4.8	345
Born, 11-19-40; proved, 12-17-48;----; Minn.	32 dams------	112	6,804	4.8	325
Sire, 233983; dam, 397623.	Difference---	(19-18-21)	+315	.0	+20
Used in Land O'Lakes A. B. A., Inc.					
MEADOW LODGE KING'S WARRIOR 308637----------	9 daughters--	11	8,256	4.9	406
Born, 5-23-41; proved, 12-9-48;----; Ind.	6 daughters--	8	7,942	4.8	381
Sire, 196128; dam, 371174.	6 dams-------	8	9,428	4.7	443
Herd Owner, C. A. Roush, Huntington.	Difference---	(2-3-1)	-1,486	+.1	-62
MIDAS OF HOME HILL 308916----------	7 daughters--	8	7,701	4.8	367
Born, 2-1-41; proved, 12-20-48;----; Conn.	5 daughters--	5	7,679	4.8	368
Sire, 171062; dam, 400308.	5 dams-------	11	8,008	4.6	370
Herd Owner, Cloverwreath Farm, Northford.	Difference---	(2-3-2)	-329	+.2	-2
MIDVIEW RAYMOND'S PRINCE 326019----------	5 daughters--	5	8,428	4.6	386
Born, 7-16-42; proved, 12-20-48;----; Va.	5 dams-------	19	8,085	4.7	381
Sire, 254102; dam, 505076.	Difference---	(2-3-2)	+343	-.1	+5
Herd Owner, Beaver Dam Dairy, Buchanan.					
MIDVIEW'S GOLDEN 251013----------	30 daughters-	32	6,188	4.9	302
Born, 7-10-37; proved, 12-15-48;----; Va.	14 daughters-	15	6,159	4.8	294
Sire, 159163; dam, 308955.	14 dams------	16	6,151	4.9	302
Herd Owner, W. B. Gates & Sons, Rice.	Difference---	(8-8-6)	+8	-.1	-8
MIDVIEW'S LORD 307707----------	20 daughters-	22	6,014	4.9	292
Born, 5-6-41; proved, 12-16-48;----; Va.	11 daughters-	12	5,915	4.9	288
Sire, 159163; dam, 505081.	11 dams------	11	5,789	5.0	291
Herd Owner, W. B. Gates & Sons, Rice.	Difference---	(4-5-5)	+126	-.1	-3
MOBJACK DIXIE PILOT 289159 ----------	15 daughters-	25	7,057	5.0	353
Born, 1-22-40; proved, 12-20-48;----; Va.	9 daughters--	16	7,210	5.1	367
Sire, 183245; dam, 288510.	9 dams-------	13	8,240	4.6	379
Herd Owner, Elkhardt Guernsey Farm, Richmond.	Difference---	(1-6-2)	-1,030	+.5	-12
PILOT'S SYLVIA'S PRINCE 312514----------	12 daughters-	18	5,177	4.2	219
Born, 2-20-41; proved, 12-2-48;----; Iowa.	9 daughters--	13	5,201	4.2	221
Sire, 206853; dam, 524030.	9 dams-------	32	6,350	4.5	284
Herd Owner, J. William Gamm, Arlington.	Difference---	(1-2-1)	-1,149	-.3	-63
PINE MANOR CROWN SOVEREIGN 280636----------	6 daughters--	6	8,066	4.7	382
Born, 9-6-39; proved, 12-13-48;----; Ind.	6 dams-------	10	7,927	4.8	381
Sire, 238549; dam, 482921.	Difference---	(4-4-3)	+139	-.1	+2
Herd Owner, Arthur P. Rhaney, Wabash.					
PINE MANOR MASTERPIECE 260567----------	8 daughters--	11	8,292	4.8	397
Born, 12-13-37; proved, 12-15-48;----; Ind.	6 daughters--	8	8,580	4.7	403
Sire, 206454; dam, 423948.	6 dams-------	10	8,364	4.8	404
Herd Owner, Illiana Dairy Farm, Perrysville.	Difference---	(1-2-2)	+216	-.1	-1
PRAIRIE VIEW'S SELECT LAD 318710----------	5 daughters--	7	8,157	4.7	385
Born, 8-10-41; proved, 12-1-48;----; Iowa.	5 dams-------	12	6,621	5.0	328
Sire, 245887; dam, 573089.	Difference---	(5-2-4)	+1,536	-.3	+57
Herd Owner, Charles Stubbs & Vaughn, Conrad.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PRINCE CHARMING OF SUNNY LANE 303501----------	13 daughters-	16	7,082	4.9	350
Born, 5-24-41; proved, 12-20-48;----; Mich.	6 daughters--	7	6,931	5.0	345
Sire, 275624; dam, 471484.	6 dams-------	8	6,579	4.6	303
Herd Owner, John A. Appelhof, South Lyons.	Difference---	(4-5-5)	+352	+.4	+42
PRINCELING OF CLEAR VIEW 313348----------	7 daughters--	7	9,087	4.8	437
Born, 8-20-41; proved, 12-1-48; dead; Md.	7 dams-------	18	9,584	4.7	446
Sire, 274656; dam, 515138.	Difference---	(3-4-3)	-497	+.1	-9
Herd Owner, William N. Foard, White Hall.					
PRISCILLA'S FASHION DUKE 291288----------	8 daughters--	8	10,217	5.3	544
Born, 3-18-40; proved, 12-1-48;----; Ind.	6 daughters--	6	10,241	5.4	551
Sire, 278259; dam, 414962.	6 dams-------	13	9,365	4.9	460
Used in Indiana A. B. A.	Difference---	(4-6-5)	+876	+.5	+91
PROGRESSOR'S IVAN OF M. H. 290701----------	7 daughters--	12	6,570	4.8	315
Born, 4-10-40; proved, 12-22-48;----; Maine.	7 dams-------	22	6,458	5.0	325
Sire, 231583; dam, 449131.	Difference---	(5-3-3)	+112	-.2	-10
Herd Owner, Thornhurst Farm, Inc., Portland.					
QUAIL ROOST KING BEAU'S MAXIM 307299----------	6 daughters--	7	7,027	5.0	349
Born, 4-11-41; proved, 12-7-48;----; Kans.	5 daughters--	6	7,290	4.9	358
Sire, 286448; dam, 614679.	5 dams-------	11	7,178	4.9	350
Herd Owner, T. Benton & Son, Olathe.	Difference---	(2-4-2)	+112	.0	+8
QUAIL ROOST LUCKY HAL 314454----------	23 daughters-	27	6,391	5.1	328
Born, 10-2-41; proved, 12-21-48;----; Va.	21 daughters-	24	6,474	5.1	332
Sire, 227993; dam, 687634.	21 dams------	52	6,289	4.9	307
Herd Owner, W. C. Lester, Amelia.	Difference---	(14-19-15)	+185	+.2	+25
QUEEN'S LEADER REX 324232----------	6 daughters--	7	7,280	4.9	356
Born, 9-28-41; proved, 12-20-48;----; Iowa.	6 dams-------	23	6,260	5.1	319
Sire, 284530; dam, 648068.	Difference---	(4-2-4)	+1,020	-.2	+37
Herd Owner, Jas. W. Creswell, Grundy Center.					
RIEGELDALE CONQUEROR'S DARNLEY 339337----------	8 daughters--	8	7,411	5.1	377
Born, 11-5-42; proved, 12-1-48; alive; Va.	5 daughters--	5	7,606	5.2	392
Sire, 296659; dam, 661346.	5 dams-------	7	8,373	5.0	423
Herd Owner, R. T. Stewart, Roanoke.	Difference---	(2-3-3)	-767	+.2	-31
RIEGELDALE SENSATION MAXIM 242514----------	6 daughters--	8	7,633	4.7	362
Born, 9-20-36; proved, 12-16-48;----; Tenn.	6 dams-------	15	7,231	4.5	326
Sire, 223212; dam, 346233.	Difference---	(4-4-4)	+402	+.2	+36
Herd Owner, Charles Tobler, Jr., Concord.					
ROSEBUD'S BOY OF OAKWOOD 303762----------	8 daughters--	10	9,566	4.6	444
Born, 8-14-40; proved, 12-28-48;----; Ky.	5 daughters--	6	9,191	4.7	430
Sire, 236246; dam, 433147.	5 dams-------	5	8,024	5.0	401
Herd Owner, David B. Bell & Son, Shelbyville.	Difference---	(4-0-4)	+1,167	-.3	+29
ROSIE'S DEFIANT SARGEANT 283652----------	9 daughters--	13	8,866	4.8	430
Born, 3-1-39; proved, 12-16-48;----; Mich.	9 dams-------	28	7,017	5.3	371
Sire, 166390; dam, 303691.	Difference---	(8-2-8)	+1,849	-.5	+59
Herd Owner, William L. Pleiness, Scottville.					
SAILOR LAD OF THE OAKS FARM 257838----------	5 daughters--	6	8,126	5.3	429
Born, 8-20-37; proved, 12-1-48;----; Wis.	5 dams-------	24	7,919	5.3	417
Sire, 189889; dam, 467061.	Difference---	(3-2-3)	+207	.0	+12
Herd Owner, Freeman M. Hammons, Clear Lake.					
ST. ALBANS VALIANT COUNT 324861----------	6 daughters--	7	9,551	5.0	479
Born, 6-9-42; proved, 12-22-48;----; Ill.	5 daughters--	6	9,418	5.0	474
Sire, 200316; dam, 668854.	5 dams-------	22	8,350	5.1	423
Used in Southern Illinois A. B. A.	Difference---	(4-2-4)	+1,068	-.1	+51
ST. JAMES CHAMPION'S REGAL 250254----------	7 daughters--	7	8,206	4.4	362
Born, 3-29-37; proved, 12-16-48;----; Ind.	6 daughters--	6	7,705	4.6	354
Sire, 100971; dam, 259365.	6 dams-------	8	8,607	4.6	392
Herd Owner, Clarence H. Matthews, South Bend.	Difference---	(2-4-2)	-902	.0	-38
SCOTT'S SUNLIGHT 305561----------	7 daughters--	7	6,800	4.8	324
Born, 5-12-41; proved, 12-1-48; dead; Mich.	6 daughters--	6	6,832	4.8	329
Sire, 212204; dam, 485387.	6 dams-------	16	7,675	4.9	376
Herd Owner, George Fritz, Gobles.	Difference---	(2-4-1)	-843	-.1	-47
SHERWOOD FOREST RELIC 297045----------	5 daughters--	9	8,221	4.8	395
Born, 8-11-40; proved, 12-3-48;----; Va.	5 dams-------	21	7,711	4.9	376
Sire, 267967; dam, 403164.	Difference---	(3-3-2)	+510	-.1	+19
Herd Owner, Santillane Farm, Fincastle.					
SKYLINE SENATOR 328871----------	6 daughters--	7	9,677	4.6	441
Born, 5-25-42; proved, 12-1-48;----; Iowa.	6 dams-------	24	8,527	4.9	418
Sire, 275696; dam, 526238.	Difference---	(5-1-3)	+1,150	-.3	+23
Herd Owner, Ralph McCoy & Son, Clarinda.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TARBELL FARMS PEERLESS MARNE 306952----------	5 daughters--	8	7,569	4.5	341
Born, 8-14-40; proved, 12-1-48; dead; N. Y.	5 dams-------	25	7,058	4.4	308
Sire, 214202; dam, 293287.	Difference---	(3-5-4)	+511	+.1	+33
Herd Owner, Charles W. Brownell, Johnstown.					
TIANNA'S LA NOCE MAXIM 281753----------	8 daughters--	9	7,944	5.2	411
Born, 1-28-39; proved, 12-14-48; dead; Minn.	6 daughters--	7	7,778	5.2	408
Sire, 220271; dam, 449802.	6 dams-------	12	7,300	5.1	370
Used in Floodwood Co-op. Creamery A. B. A.	Difference---	(4-4-5)	+478	+.1	+38
TITAN'S REX OF PISCATAQUOG 300420----------	7 daughters--	7	5,525	4.7	262
Born, 4-30-41; proved,12-20-48;----; N. H.	6 daughters--	6	5,349	4.9	260
Sire, 262968; dam, 530654.	6 dams-------	16	5,141	5.0	259
Herd Owner, Ellis Patterson, Amherst.	Difference---	(4-2-4)	+208	-.1	+1
TRAVERDALE DAISY'S DIPLOMAT 297385----------	9 daughters--	11	8,171	4.8	396
Born, 8-31-40; proved, 12-1-48;----; Wash.	6 daughters--	8	7,783	4.8	376
Sire, 206255; dam, 423427.	6 dams-------	9	7,227	4.8	348
Herd Owner, Walter A. Jones, Ridgefield.	Difference---	(3-3-4)	+556	.0	+28
TWO BROOKS BUTTERFAT 313931----------	7 daughters--	8	7,650	5.0	384
Born, 9-17-41; proved, 12-20-48;----; Mo.	7 dams-------	12	5,940	4.8	288
Sire, 192478; dam, 532120.	Difference---	(5-5-5)	+1,710	+.2	+96
Herd Owner, John A. Hembree & Sons, Stockton.					
VISCOUNT DEFENDER OF EAST VIEW 299629----------	8 daughters--	14	8,084	4.4	357
Born, 11-5-40; proved, 12-28-48;----; Mich.	7 daughters--	12	8,085	4.4	358
Sire, 196161; dam, 476135.	7 dams-------	16	7,145	4.5	325
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(4-2-4)	+940	-.1	+33
WESTFIELD STEVE 270156----------	10 daughters-	14	7,379	4.5	329
Born, 3-11-36; proved, 12-16-48; dead; Mass.	7 daughters--	8	7,223	4.5	326
Sire, 89309; dam, 173939.	7 dams-------	13	7,142	4.5	324
Herd Owner, Charles M. Raddin, Groton.	Difference---	(2-5-3)	+81	.0	+2
WOODACRES STEADFAST CRUSADER 306591----------	14 daughters-	17	8,244	4.8	392
Born, 5-7-41; proved, 12-1-48; alive; Pa.	12 daughters-	14	8,347	4.8	400
Sire, 263404; dam, 434305.	12 dams------	55	7,786	4.7	363
Herd Owner, Pennsylvania State College, State College.	Difference---	(8-8-9)	+561	+.1	+37
35*EC5578 (BANGS OR TB EARTAG)----------	16 daughters-	22	6,228	4.8	301
Born, ----; proved, 12-22-48;----; Wis.	16 dams------	78	6,863	4.4	302
Sire, ----; dam, ----.	Difference---	(6-16-8)	-635	+.4	-1
Herd Owner, William H. Schram, Mishicot.					
35*HE34550 (BANGS OR TB EARTAG)----------	8 daughters--	9	6,222	5.0	313
Born, ----; proved, 12-28-48;----; Wis.	7 daughters--	8	6,098	5.1	310
Sire, ----; dam, ----.	7 dams-------	18	6,088	4.6	281
Herd Owner, A. A. Miller, Spring Valley.	Difference---	(4-7-5)	+10	+.5	+29
35*HA75782 (BANGS OR TB EARTAG)----------	7 daughters--	12	7,741	4.8	368
Born, ----; proved, 12-21-48;----; Wis.	5 daughters--	9	8,135	4.9	395
Sire, ----; dam, ----.	5 dams-------	16	7,656	4.6	356
Herd Owner, Lloyd Jones, Oshkosh.	Difference---	(3-3-3)	+479	+.3	+39
41*N741435 (BANGS OR TB EARTAG)----------	8 daughters--	14	5,424	5.0	272
Born, ----; proved, 12-29-48;----; Minn.	8 dams-------	26	5,054	4.6	231
Sire, ----; dam, ----.	Difference---	(7-7-6)	+370	+.4	+41
Herd Owner, Oscar Bygd, Kenyon.					

HOLSTEIN SIRES

ADEQUATE KING LAKEFIELD PONTIAC 861992----------	6 daughters--	6	10,284	3.5	356
Born, 10-22-42; proved, 12-1-48; dead; Pa.	5 daughters--	5	10,335	3.5	358
Sire, 698278; dam, 1657114.	5 dams-------	17	14,481	3.4	493
Herd Owner, Joseph R. Hartle, Bellefonte.	Difference---	(1-2-1)	-4,146	+.1	-135
ALJOAN PERFECTION 828291----------	9 daughters--	9	11,001	3.8	417
Born, 6-11-41; proved, 12-15-48;----; Ill.	8 daughters--	8	11,476	3.8	438
Sire, 780768; dam, 1771798.	8 dams-------	17	11,203	3.7	419
Herd Owner, Bender Brothers, Bartlett.	Difference---	(4-5-5)	+273	+.1	+19
AMOS KORNDYKE ORMSBY 888350----------	6 daughters--	8	10,205	3.3	333
Born, 1-8-43; proved, 12-14-48;----; Iowa.	6 dams-------	14	9,802	3.4	334
Sire, 788178; dam, 1985503.	Difference---	(3-2-2)	+403	-.1	-1
Herd Owner, Bert Flo, Kiester, Minn.					
ANDERSON FARM SIR SUSIE 795023----------	5 daughters--	6	11,686	3.5	407
Born, 8-29-39; proved, 12-1-48;----; Md.	5 dams-------	8	10,573	3.4	358
Sire, 733415; dam, 1576675.	Difference---	(3-3-4)	+1,113	+.1	+49
Herd Owner, F. Bennett Carter, Centerville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BAIRDLEA CARNATION CHALLENGE 813745----------	13 daughters-	19	12,376	3.4	418
Born, 11-25-40; proved, 12-22-48;----; N. Y.	5 daughters--	7	12,939	3.3	425
Sire, 659870; dam, 1457538.	5 dams-------	7	9,710	3.1	299
Herd Owner, Rex Williams, Oxford.	Difference---	(3-5-3)	+3,229	+.2	+126
BAKER FARM KNICKERBOCKER 817046----------	11 daughters-	15	13,999	3.4	475
Born, 9-6-40; proved, 12-17-48;----; Ohio.	5 daughters--	7	14,809	3.5	522
Sire, 733981; dam, 1770450.	5 dams-------	9	11,437	3.4	394
Used in Northern Ohio Co-op. A. B. A.	Difference---	(5-4-5)	+3,372	+.1	+128
BANCROFT ACRES MERCEDES KORNDYKE 853368----------	10 daughters-	12	10,862	3.4	364
Born, 6-2-42; proved, 12-29-48;----; Mich.	6 daughters--	8	10,978	3.4	378
Sire, 132248 CHB; dam, 2321790.	6 dams-------	16	11,279	3.2	366
Herd Owner, Burkhart & Andrew Jackson, Howell.	Difference---	(3-5-5)	-301	+.2	+12
BAYPORT SIR OLLIE 877712----------	13 daughters-	14	11,912	3.4	407
Born, 2-7-42; proved, 12-2-48; dead; Minn.	10 daughters-	11	11,902	3.4	402
Sire, 746409; dam, 1913662.	10 dams------	21	12,477	3.1	383
Herd Owner, J. B. Meister & Son, Anoka.	Difference---	(4-8-5)	-575	+.3	+19
BERGLUND SIR ORMSBY SUPERBA 888918----------	8 daughters--	14	13,134	3.5	461
Born, 10-13-41; proved, 12-14-48; dead; Minn.	7 daughters--	11	13,439	3.5	472
Sire, 787788; dam, 1740313.	7 dams-------	16	11,854	3.3	389
Herd Owner, Hugo Johnson & Son, Glenville.	Difference---	(5-6-6)	+1,585	+.2	+83
BILLY ABBEKERK ORMSBY LAD 863363----------	6 daughters--	8	8,060	3.7	299
Born, 6-26-42; proved, 12-3-48;----; Kans.	5 daughters--	7	8,033	3.7	297
Sire, 723622; dam, 2006565.	5 dams-------	7	9,729	3.4	328
Herd Owner, Earl Tebow, Courtland.	Difference---	(1-5-2)	-1,696	+.3	-31
BLACK PRINCE JOHANNA PRILLY 706286----------	17 daughters-	69	11,209	3.2	356
Born, 1-30-35; proved, 12-1-48; dead; Calif.	16 daughters-	67	11,250	3.2	354
Sire, 662183; dam, 1307802.	16 dams------	78	10,084	3.3	328
Herd Owner, H. C. Borchardt, Alpaugh.	Difference---	(9-6-9)	+1,166	-.1	+26
BLUEBIRD ADMIRAL BELMONT 811558----------	6 daughters--	7	8,814	3.2	286
Born, 10-20-40; proved, 12-28-48;----; Wis.	5 daughters--	6	8,274	3.2	268
Sire, 739270; dam, 2008931.	5 dams-------	12	9,481	3.6	343
Herd Owner, Bennett S. Bird, Oakfield.	Difference---	(1-1-1)	-1,207	-.4	-75
B O N C CANARY DUKE 838553----------	19 daughters-	21	6,828	3.6	247
Born, 9-20-41; proved, 12-8-48;----; Ga.	15 daughters-	16	6,892	3.6	248
Sire, 673461; dam, 1668260.	15 dams------	30	8,485	3.5	295
Herd Owner, Georgia Baptist Children's Home, Hapeville.	Difference---	(3-10-5)	-1,593	+.1	-47
BROOKSY CEDAR LAWN POSCH 826230----------	8 daughters--	11	10,982	3.5	382
Born, 3-30-41; proved, 12-9-48;----; Wis.	6 daughters--	9	11,371	3.5	394
Sire, 724812; dam, 1847821.	6 dams-------	23	10,432	3.4	358
Herd Owner, Louis Hall, Thiensville.	Difference---	(5-5-5)	+939	+.1	+36
BURKE DUOBESS ORMSBY KING 814318----------	8 daughters--	11	11,705	3.5	406
Born, 10-6-40; proved, 12-22-48;----; Pa.	8 dams-------	26	12,860	3.4	434
Sire, 766117; dam, 1907259.	Difference---	(2-6-3)	-1,155	+.1	-28
Herd Owner, Pastor Brothers, Rea.					
BUTTER BOY INKA FOBES 811961----------	6 daughters--	7	11,178	3.7	412
Born, 12-1-39; proved, 12-21-48;----; Wis.	6 dams-------	14	9,227	3.8	350
Sire, 726935; dam, 1926146.	Difference---	(4-4-4)	+1,951	-.1	+62
Herd Owner, Henry Melius, Richfield.					
CARNATION DIRECTOR 748645----------	10 daughters-	13	11,646	3.5	403
Born, 2-4-37; proved, 12-1-48;----; Wash.	7 daughters--	9	11,714	3.6	416
Sire, 629472; dam, 1639618.	7 dams-------	9	14,001	3.4	483
Herd Owner, Ridgeport Dairy, Vancouver.	Difference---	(1-4-1)	-2,287	+.2	-67
CARNATION IMPERIAL MAJESTIC 857482----------	14 daughters-	15	13,557	3.9	523
Born, 7-13-42; proved, 12-1-48; alive; Ill.	5 daughters--	5	13,873	3.9	542
Sire, 698462; dam, 2068774.	5 dams-------	11	12,856	3.3	425
Herd Owner, Homer Curtiss, Stockton.	Difference---	(3-5-5)	+1,017	+.6	+117
CARNATION ORMSBY BRACELET KING 813167----------	9 daughters--	9	11,364	3.7	415
Born, 11-15-40; proved, 12-1-48; dead; Mich.	8 daughters--	8	11,368	3.7	418
Sire, 682063; dam, 1421696.	8 dams-------	17	10,743	3.6	390
Herd Owner, Berrien Co. Infirmary, Berrien Center.	Difference---	(4-5-6)	+625	+.1	+28
CARNATION ORMSBY CONTRIBUTION 842731----------	5 daughters--	7	12,316	3.6	440
Born, 11-21-41; proved, 12-21-48; dead; Ill.	5 dams-------	9	13,267	3.3	434
Sire, 629472; dam, 1481457.	Difference---	(3-5-3)	-951	+.3	+6
Herd Owner, John P. Case, Naperville.					
CARNATION PEERLESS FAYNE 698483----------	12 daughters-	14	11,932	3.5	413
Born, 4-14-34; proved, 12-20-48; dead; Pa.	9 daughters--	10	12,470	3.5	435
Sire, 629480; dam, 1554602.	9 dams-------	28	12,102	3.5	423
Used in Broome Co-op. A. B. A., Inc., N. Y.	Difference---	(6-3-6)	+368	.0	+12

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	[illegible]
	Number	Number	[illegible]	[illegible]	[illegible]
CARNATION PIEBE BRACELET 802224----------	8 daughters--	8	[illegible]	[illegible]	[illegible]
Born, 7-22-40; proved, 12-14-48;----; Utah.	5 daughters--	5	14,782	[illegible]	486
Sire, 682063; dam, 1871442.	5 dams-------	9	11,153	[illegible]	372
Herd Owner, Glenn A. Nelson, Lewiston.	Difference---	(5-3-5)	+3,629	.0	+114
CHESTERSONS GEM SUPREME 806236 *(Feb. 1948)----------	15 daughters-	26	13,471	3.3	446
Born, 2-9-40; proved, 12-1-48;----; Iowa.	11 daughters-	19	13,311	3.3	438
Sire, 702939; dam, 1661804.	11 dams------	21	12,034	3.6	430
Herd Owner, Fern Huling & Sons, Britt.	Difference---	(7-3-4)	+1,277	-.3	+8
CHIEF PIEBE COUNT GERBEN COLA ONA 698506 *6----------	27 daughters-	72	11,163	3.7	417
Born, 11-14-33; proved, 12-21-48;----; Pa.	25 daughters-	59	11,048	3.7	414
Sire, 444088; dam, 1573173.	25 dams------	112	12,002	3.5	422
Herd Owner, Pennsylvania Industrial School, Huntingdon.	Difference---	(8-20-14)	-954	+.2	-8
CHIEF PIEBE GERBEN COLANTHA PAUL 677455 *8----------	42 daughters-	128	9,247	3.6	332
Born, 3-24-33; proved, 12-22-48;----; Va.	38 daughters-	114	9,175	3.6	331
Sire, 444088; dam, 1548405.	38 dams------	164	10,960	3.5	385
Herd Owner, D. C. Workhouse, Lorton.	Difference---	(8-27-12)	-1,785	+.1	-54
CLOVERGLADE CARNATION SEGIS 886358----------	5 daughters--	5	11,381	3.5	396
Born, 12-23-42; proved, 12-22-48;----; Ill.	5 dams-------	7	11,696	3.8	440
Sire, 722360; dam, 1844390.	Difference---	(3-2-2)	-315	-.3	-44
Herd Owner, Glenwood Manual Training School, Glenwood.					
CLOVER HEIGHTS DON BURKE BURKE 670795----------	16 daughters-	19	13,898	3.2	451
Born, 10-27-32; proved, 12-13-48;----; N. Y.	6 daughters--	7	13,921	3.2	449
Sire, 646516; dam, 1425788.	6 dams-------	9	12,903	3.5	455
Herd Owner, St. Valentines Farm, Kinderhook.	Difference---	(4-0-2)	+1,018	-.3	-6
CLYDE HILL ELSIE TIDY LAD 813522----------	7 daughters--	11	12,291	3.9	477
Born, 12-19-40; proved, 12-2-48;----; Mo.	6 daughters--	8	12,214	3.9	474
Sire, 711382; dam, 1765663.	6 dams-------	38	13,194	3.6	469
Herd Owner, Clyde Hill Farm, Clyde.	Difference---	(2-6-3)	-980	+.3	+5
COLANTHUS POSCH BOY 988545----------	11 daughters-	11	8,575	3.5	302
Born, 5-6-39; proved, 12-22-48;----; Vt.	9 daughters--	9	8,910	3.6	317
Sire, 109894 CHB; dam, 313935 CHB.	9 dams-------	34	9,853	3.6	355
Herd Owner, Whitcomb Farm, Essex Junction.	Difference---	(2-4-0)	-943	.0	-38
COLFAX CARNATION ORMSBY MADCAP B (TWIN) 855059----------	8 daughters--	8	11,707	3.5	414
Born, 7-8-41; proved, 12-8-48;----; Wis.	7 daughters--	7	11,721	3.5	408
Sire, 740309; dam, 1990865.	7 dams-------	12	10,735	3.6	389
Herd Owner, West Villa, Elkhorn.	Difference---	(4-3-4)	+986	-.1	+19
COLONY ORMSBY SIR ROMEO 781424 *(June 1948)----------	30 daughters-	41	12,295	3.5	425
Born, 1-15-39; proved, 12-21-48;----; Wis.	25 daughters-	36	12,278	3.5	426
Sire, 495741; dam, 223313 CHB.	25 dams------	83	11,640	3.5	406
Used in Dane Co-op. A. B. A.	Difference---	(18-12-16)	+638	.0	+20
COLONY VALE SIR HEILO 27TH 869312----------	8 daughters--	8	11,004	3.5	389
Born, 2-16-42; proved, 12-15-48; dead; Ohio.	8 dams-------	26	11,429	3.5	397
Sire, 111449 CHB; dam, 351054 CHB.	Difference---	(4-5-4)	-425	.0	-8
Herd Owner, Joseph Fenwick & Son, Chardon.					
CORNER HILL DUKE ORMSBY FOBES 849747----------	8 daughters--	9	9,291	3.9	360
Born, 12-2-41; proved, 12-1-48;----; Wis.	7 daughters--	7	9,526	3.8	367
Sire, 803220; dam, 2037572.	7 dams-------	23	9,678	3.6	345
Herd Owner, Victor Stoltenburg, Newton.	Difference---	(3-7-5)	-152	+.2	+22
CRESTLYN JOHANNA ORMSBY PRINCE 814676----------	8 daughters--	13	11,800	3.8	446
Born, 11-8-40; proved, 12-13-48; alive; Mich.	7 daughters--	12	12,142	3.8	460
Sire, 760242; dam, 1342247.	7 dams-------	18	11,854	3.9	464
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-1-4)	+288	-.1	-4
CRESTLYN RAG APPLE ORMSBY ECHO 880951----------	9 daughters--	9	9,042	3.6	329
Born, 3-5-43; proved, 12-14-48;----; Mich.	8 daughters--	8	8,802	3.7	325
Sire, 845794; dam, 2102717.	8 dams-------	28	10,114	3.6	367
Herd Owner, Bruce F. Clothier & Son, North Branch.	Difference---	(2-5-1)	-1,312	+.1	-42
CRESTLYN SADIE ORMSBY MCDONAL 819119----------	7 daughters--	8	11,964	3.7	437
Born, 2-23-41; proved, 12-1-48;----; Mich.	6 daughters--	6	11,823	3.7	432
Sire, 760242; dam, 2000751.	6 dams-------	16	11,016	3.9	431
Herd Owner, Middle Brook Farm, Three Oaks.	Difference---	(3-1-4)	+807	-.2	+1
CRUMHORN MASTERPIECE 886202----------	7 daughters--	8	11,699	3.7	435
Born, 11-30-42; proved, 12-15-48;----; Pa.	7 dams-------	28	11,045	3.5	382
Sire, 746714; dam, 1906555.	Difference---	(4-6-5)	+654	+.2	+53
Herd Owner, Robert E. McLain, Moscow.					
DAUNTLESS DIRECT TOGUS 807167----------	6 daughters--	8	10,209	3.7	375
Born, 7-22-40; proved, 12-20-48;----; Conn.	5 daughters--	6	10,163	3.6	370
Sire, 668530; dam, 1717518.	5 dams-------	21	11,978	3.6	436
Herd Owner, A. A. Wilcox & Son, Cromwell.	Difference---	(0-3-0)	-1,815	.0	-66

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DAVENPORT DIAMOND ORMSBY FOBES 888419	7 daughters--	11	11,477	3.6	413
Born, 10-26-41; proved, 12-28-48;----; Iowa.	5 daughters--	9	11,698	3.6	418
Sire, 753066; dam, 1982289.	5 dams-------	24	10,301	3.4	350
Herd Owner, Elmer Hamann, Davenport.	Difference---	(3-5-3)	+1,397	+.2	+68
DELROSE LADY ORMSBY 762179	14 daughters-	18	11,266	3.4	381
Born, 5-5-38; proved, 12-1-48;----; Wash.	8 daughters--	12	10,788	3.4	370
Sire, 738802; dam, 1447482.	8 dams-------	9	10,058	3.5	356
Herd Owner, Ernest W. Johnson, Spokane.	Difference---	(3-4-4)	+730	-.1	+14
DONAMID MASTER BONNIE BOOTS 860018	6 daughters--	6	11,066	3.5	386
Born, 9-25-42; proved, 12-15-48;----; Iowa.	6 dams-------	27	10,258	3.7	375
Sire, 774750; dam, 2191796.	Difference---	(3-1-3)	+808	-.2	+11
Herd Owner, C. W. Alshouse & Arch Derflinger, Arlington.					
DON DUTCH 811198	9 daughters--	13	11,953	3.6	430
Born, 7-15-40; proved, 12-22-48;----; Colo.	5 daughters--	8	13,276	3.6	483
Sire, 752717; dam, 1562913.	5 dams-------	12	12,990	3.5	460
Herd Owner, L. T. Winger & Sons, Trinidad.	Difference---	(4-4-3)	+286	+.1	+23
DUKE ORMSBY SENSATION WINTERTHUR 863415	6 daughters--	8	11,838	3.7	443
Born, 11-3-42; proved, 12-21-48;----; N. J.	6 dams-------	11	12,003	3.7	440
Sire, 765514; dam, 2003770.	Difference---	(2-4-4)	-165	.0	+3
Herd Owner, John R. Franke, Jr., Oxford.					
DUNLOGGIN GOLD MASTER 820086	40 daughters-	46	11,923	3.6	433
Born, 2-27-41; proved, 12-17-48;----; Pa.	27 daughters-	31	12,225	3.6	440
Sire, 667915; dam, 1575137.	27 dams------	48	13,204	3.5	456
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(9-19-11)	-979	+.1	-16
DUNLOGGIN JOSEPH 666683	19 daughters-	26	10,726	3.6	382
Born, 9-15-32; proved, 12-15-48;----; Md.	10 daughters-	11	11,075	3.6	395
Sire, 621262; dam, 1042408.	10 dams------	15	9,269	3.2	299
Herd Owner, George L. Smith, Benson.	Difference---	(8-8-8)	+1,806	+.4	+96
DUNLOGGIN X SEVEN 866707	8 daughters--	8	15,706	3.6	560
Born, 12-18-42; proved, 12-14-48;----; Kans.	5 daughters--	5	15,893	3.6	571
Sire, 793004; dam, 1897967.	5 dams-------	10	13,069	3.6	473
Herd Owner, Leo H. Hostetler, Harper.	Difference---	(3-3-4)	+2,824	.0	+98
ECHO ORMSBY MIMIR 844733	9 daughters--	9	9,416	3.5	327
Born, 10-28-41; proved, 12-22-48;----; N. Y.	5 daughters--	5	10,412	3.4	353
Sire, 786919; dam, 2031954.	5 dams-------	13	10,466	3.3	342
Herd Owner, Foordmore Farms, Kerhonkson.	Difference---	(2-4-3)	-54	+.1	+11
ECHO VALLEY ADMIRAL FOBES ORMSBY 842246	13 daughters-	16	12,463	3.4	420
Born, 10-7-41; proved, 12-17-48;----; Wis.	10 daughters-	12	12,569	3.3	421
Sire, 741309; dam, 1789166.	10 dams------	21	13,393	3.5	472
Herd Owner, Robert Byrnes, Fond du Lac.	Difference---	(3-3-4)	-824	-.2	-51
ELKADELL JIGGS COMBINE 867945	6 daughters--	9	11,689	3.7	431
Born, 8-24-42; proved, 12-13-48;----; Iowa.	6 dams-------	23	12,328	3.7	453
Sire, 800230; dam, 2223687.	Difference---	(2-4-2)	-639	.0	-22
Herd Owner, Harold Opsand, Elgin.					
ELM BROOK PATRIARCH ORMSBY PONTIAC 694152	10 daughters-	19	10,356	3.7	385
Born, 4-24-34; proved, 12-6-48; dead; Pa.	9 daughters--	18	10,412	3.7	390
Sire, 639171; dam, 1725293.	9 dams-------	45	11,779	3.9	455
Herd Owner, John C. Fleming, Belleville.	Difference---	(2-3-2)	-1,367	-.2	-65
FARFIELDS PRIDE BARBIE 864927	8 daughters--	8	13,452	3.7	499
Born, 8-3-42; proved, 12-1-48;----; Pa.	5 daughters--	5	12,969	3.7	478
Sire, 689012; dam, 1939486.	5 dams-------	7	13,788	3.8	522
Herd Owner, Red Rose Farms, Lancaster.	Difference---	(3-2-3)	-819	-.1	-44
FARFIELDS SIR INKA WALKER 806446	6 daughters--	9	11,268	3.5	391
Born, 10-8-40; proved, 12-20-48;----; Mich.	5 daughters--	6	11,196	3.4	386
Sire, 788078; dam, 1907832.	5 dams-------	13	12,681	3.3	421
Herd Owner, Howard Barton & Sons, Lansing.	Difference---	(1-4-1)	-1,485	+.1	-35
FARMINGTON SIR HEILO MONARCH 854798	12 daughters-	19	14,615	3.5	511
Born, 8-28-41; proved, 12-17-48;----; Mo.	5 daughters--	6	14,775	3.5	517
Sire, 751158; dam, 2146606.	5 dams-------	10	14,251	3.4	479
Herd Owner, Adolph Oetting, Concordia.	Difference---	(2-5-3)	+524	+.1	+38
FEMCO ROYAL ROSE LAD 811921	5 daughters--	5	10,006	3.6	362
Born, 10-14-40; proved, 12-15-48;----; Minn.	5 dams-------	18	11,732	3.5	407
Sire, 697000; dam, 1872962.	Difference---	(1-4-1)	-1,726	+.1	-45
Herd Owner, Harry L. Kurth, Le Roy.					
FEMCO SIR BESSIE CECELIA ORMSBY 790426	6 daughters--	7	10,249	3.2	325
Born, 10-20-39; proved, 12-1-48;----; Minn.	5 daughters--	5	10,181	3.2	324
Sire, 629473; dam, 1927379.	5 dams-------	14	13,140	3.6	474
Herd Owner, Emil Gerlack & Son, Doran.	Difference---	(1-1-0)	-2,959	-.4	-150

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FEMCO SIR MARATHON PRIDE 797419----------	6 daughters--	9	14,315	3.6	522
Born, 3-20-40; proved, 12-14-48;----; Minn.	5 daughters--	7	14,424	3.7	532
Sire, 643668; dam, 1904912.	5 dams-------	10	11,339	3.7	425
Herd Owner, James E. Franze, Battle Lake.	Difference---	(4-2-5)	+3,085	.0	+107
FOBES MINAHAN ROYAL 849314----------	5 daughters--	5	10,069	3.8	379
Born, 2-17-42; proved, 12-9-48;----; Wis.	5 dams-------	5	12,472	3.4	429
Sire, 771551; dam, 1927392.	Difference---	(0-4-1)	-2,403	+.4	-50
Herd Owner, Arno Gabsch, Cleveland.					
GARDNER FARM BAIDEE RAG APPLE 805705----------	9 daughters--	9	10,605	3.3	346
Born, 6-1-40; proved, 12-3-48; dead; Ill.	8 daughters--	8	10,670	3.2	344
Sire, 722342; dam, 1800861.	8 dams-------	20	10,256	3.3	341
Herd Owner, Behrents & Overton, Richmond.	Difference---	(4-3-5)	+414	-.1	+3
GE-WI-FO ORMSBY POSCH 826222----------	9 daughters--	15	11,002	3.8	421
Born, 3-10-41; proved, 12-13-48;----; Mich.	8 daughters--	12	10,893	3.9	421
Sire, 743887; dam, 1647499.	8 dams-------	26	13,057	3.5	459
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(2-8-2)	-2,164	+.4	-38
GILKEY FARMS SUPERIOR 875645----------	9 daughters--	13	10,108	3.4	340
Born, 12-12-41; proved, 12-17-48;----; Minn.	8 daughters--	12	9,985	3.4	337
Sire, 770892; dam, 2039709.	8 dams-------	13	9,824	3.6	320
Herd Owner, Walter R. Schafer, Owatonna.	Difference---	(5-3-4)	+161	-.2	+17
GLENAFTON MONTVIC MARKSMAN 888511----------	6 daughters--	6	13,706	3.8	515
Born, 10-1-42; proved, 12-8-48; alive; Pa.	5 daughters--	5	13,663	3.8	523
Sire, 137532 CHB; dam, 471153 CHB.	5 dams-------	16	10,628	3.9	417
Herd Owner, Pennsylvania State College, State College.	Difference---	(5-3-4)	+3,035	-.1	+106
GOVERNOR ORMSBY OAK 19TH 843511----------	14 daughters-	17	11,981	3.6	429
Born, 10-23-41; proved, 12-1-48; dead; Minn.	5 daughters--	6	11,520	3.9	444
Sire, 742705; dam, 1865946.	5 dams-------	9	13,583	3.6	486
Herd Owner, Henry & Walt Bruesehoff, Cologne.	Difference---	(1-4-1)	-2,063	+.3	-42
GRAHAMLAND PETE ORMSBY COUNT 835548----------	10 daughters-	13	14,860	3.6	532
Born, 12-31-39; proved, 12-1-48; dead; Mich.	9 daughters--	12	14,863	3.6	530
Sire, 734713; dam, 1899609.	9 dams-------	39	13,088	3.7	481
Herd Owner, Walter Kluck & Sons, Saginaw.	Difference---	(8-4-7)	+1,775	-.1	+49
GRAND BLANC ONA BARON (TWIN) 846362----------	7 daughters--	7	9,863	3.6	360
Born, 1-7-42; proved, 12-13-48;----; Mich.	7 dams-------	15	13,295	3.3	438
Sire, 791243; dam, 1950910.	Difference---	(0-6-2)	-3,432	+.3	-78
Herd Owner, Lester Helmboldt, Holly.					
GREEN MEADOWS IDEAL KING 858583----------	5 daughters--	6	11,028	3.3	364
Born, 2-20-41; proved, 12-2-48; dead; Mich.	5 dams-------	13	11,452	3.3	384
Sire, 730614; dam, 1788521.	Difference---	(2-3-3)	-424	.0	-20
Herd Owner, Fred C. Jehle, Grand Blanc.					
GREENWOOD CRAFTSMAN ORMSBY JAKE (TWIN) 755092----------	8 daughters--	8	12,235	3.4	417
Born, 5-6-37; proved, 12-20-48;----; Pa.	5 daughters--	5	11,102	3.5	392
Sire, 713668; dam, 1070197.	5 dams-------	14	12,159	3.2	394
Herd Owner, Indian Pipe Farm, Biglerville.	Difference---	(1-5-2)	-1,057	+.3	-2
GREENWOOD DEAN GOVERNOR 862886----------	6 daughters--	8	12,155	3.4	409
Born, 3-5-42; proved, 12-17-48;----; N. J.	5 daughters--	7	11,951	3.3	400
Sire, 769435; dam, 1693053.	5 dams-------	17	11,870	3.5	412
Herd Owner, William P. Cadwallader, Salem.	Difference---	(3-2-2)	+81	-.2	-12
GREENWOOD RECTOR 866148----------	12 daughters-	12	14,077	3.6	510
Born, 12-10-42; proved, 12-13-48; alive; N. J.	12 dams------	56	12,446	3.6	446
Sire, 769435; dam, 1961056.	Difference---	(8-7-9)	+1,631	.0	+64
Herd Owner, A. E. Darnell, Medford.					
HARSON PRINCE FOBES 893051----------	5 daughters--	5	11,723	3.6	423
Born, 11-22-42; proved, 12-29-48;----; Wis.	5 dams-------	11	10,837	3.3	355
Sire, 761379; dam, 2254716.	Difference---	(4-5-5)	+886	+.3	+68
Herd Owner, Harvey B. Gilbertson, Black River Falls.					
HARTLAND FRANCES KING 827558----------	7 daughters--	10	13,139	3.4	451
Born, 12-18-40; proved, 12-1-48;----; Mich.	5 daughters--	7	13,180	3.4	445
Sire, 721284; dam, 1755356.	5 dams-------	9	13,875	3.5	492
Herd Owner, Hartland Farms, Clayton.	Difference---	(3-1-2)	-695	-.1	-47
HASTAGO KORNDYKE ORIOLE 758011----------	7 daughters--	10	11,598	3.4	395
Born, 2-9-38; proved, 12-9-48;----; Kans.	6 daughters--	8	11,611	3.4	397
Sire, 675048; dam, 1717684.	6 dams-------	24	11,373	3.3	376
Herd Owner, Hastago Farms, Abbyville.	Difference---	(2-5-3)	+238	+.1	+21
HENRY FARM PIEBE JO ALBAN PRIZE 785565----------	14 daughters-	15	9,943	3.5	347
Born, 8-1-39; proved, 12-21-48; dead; N. Mex.	14 dams------	37	10,772	3.3	352
Sire, 577310; dam, 1429872.	Difference---	(3-12-6)	-829	+.2	-5
Herd Owner, J. C. McCarty, Las Cruces.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HIGHPATH FALCON EX BELINDA 807442----------	8 daughters--	9	10,891	3.6	391
Born, 5-25-40; proved, 12-1-48; dead; Minn.	5 daughters--	6	10,647	3.6	379
Sire, 743690; dam, 1864383.	5 dams-------	7	11,435	3.5	401
Herd Owner, Evertt Hamann & F. A. Tripp, Northfield.	Difference---	(2-4-2)	-788	+.1	-22
HOMESTEAD PEARL SEGIS 852402----------	8 daughters--	10	9,886	3.4	341
Born, 4-25-42; proved, 12-13-48;----; Iowa.	5 daughters--	5	9,658	3.3	322
Sire, 786421; dam, 1385593.	5 dams-------	15	7,853	3.4	265
Herd Owner, Lars Anderson, Estherville.	Difference---	(5-3-4)	+1,805	-.1	+57
HOPE VIEW FOBES ASPIRANT 3D (TWIN) 848013----------	5 daughters--	5	12,771	3.5	447
Born, 1-4-42; proved, 12-13-48;----; Iowa.	5 dams-------	17	12,675	3.4	430
Sire, 811852; dam, 1919656.	Difference---	(3-3-4)	+96	+.1	+17
Herd Owner, Earl Gerlach, St. Ansgar.					
ILLINI DICCANEL FLOOD 848318----------	11 daughters-	14	14,699	3.4	504
Born, 5-3-42; proved, 12-14-48;----; Ill.	9 daughters--	10	14,830	3.4	507
Sire, 765378; dam, 1921670.	9 dams-------	20	13,135	3.4	451
Herd Owner, Cyril E. Braden, Sheldon.	Difference---	(6-2-6)	+1,695	.0	+56
IONIA K B K O DARK KING 782951----------	6 daughters--	8	12,180	3.6	442
Born, 4-15-39; proved, 12-2-48; dead; Mich.	6 dams-------	19	11,537	3.4	397
Sire, 574194; dam, 1681884.	Difference---	(2-5-3)	+643	+.2	+45
Herd Owner, De Forest Thompson, Northville.					
I S S EMPEROR PERFECTION SNOW BALL 784781----------	11 daughters-	12	10,263	3.6	367
Born, 11-23-37; proved, 12-9-48;----; Ind.	7 daughters--	8	10,793	3.5	381
Sire, 736242; dam, 1845888.	7 dams-------	12	14,104	3.4	482
Herd Owner, Indiana Boys School, Plainfield.	Difference---	(1-6-2)	-3,311	+.1	-101
J B A BESS VALE KORNDYKE (TWIN) 846373----------	13 daughters-	14	11,122	3.8	419
Born, 6-10-41; proved, 12-15-48;----; Va.	12 daughters-	13	11,101	3.8	421
Sire, 729484; dam, 1883603.	12 dams------	26	10,177	3.6	364
Herd Owner, Greendale Farm, Roanoke.	Difference---	(8-8-9)	+924	+.2	+57
JENNY DE JONG SEGIS BUTTER BOY 862925----------	10 daughters-	10	14,261	3.7	533
Born, 1-4-43; proved, 12-9-48;----; Ill.	8 daughters--	8	14,223	3.7	529
Sire, 791389; dam, 2052563.	8 dams-------	17	12,782	3.6	458
Herd Owner, Roy M. Bennethum, Freeport.	Difference---	(6-6-8)	+1,441	+.1	+71
JOE APEX PEACH 822036----------	6 daughters--	7	9,905	3.5	345
Born, 10-29-40; proved, 12-1-48;----; Kans.	6 dams-------	14	11,209	3.5	394
Sire, 734519; dam, 1720289.	Difference---	(3-3-3)	-1,304	.0	-49
Herd Owner, Moberly Brothers, Ames.					
JOE CREAMELLE MUTUAL HOMESTEAD 872118----------	9 daughters--	12	9,603	3.6	349
Born, 11-11-42; proved, 12-6-48; alive; Minn.	8 daughters--	11	9,602	3.6	348
Sire, 741485; dam, 2236063.	8 dams-------	19	11,176	3.3	368
Herd Owner, F. W. Larson, Albert Lea.	Difference---	(2-8-4)	-1,574	+.3	-20
JOE HOMESTEAD PERFECTION TRIUMPH 877086----------	12 daughters-	14	13,661	3.5	481
Born, 11-27-42; proved, 12-17-48;----; Minn.	10 daughters-	12	13,688	3.5	485
Sire, 741485; dam, 2242915.	10 dams------	28	11,940	3.5	416
Herd Owner, John H. Holmes, Northfield.	Difference---	(7-8-9)	+1,748	.0	+69
JOE MONTVIC EMPEROR WINNIE 888310----------	6 daughters--	6	9,987	3.5	345
Born, 12-11-42; proved, 12-22-48;----; Maine.	5 daughters--	5	10,113	3.4	344
Sire, 811261; dam, 1916045.	5 dams-------	29	12,336	3.6	446
Herd Owner, E. L. Young, Gorham.	Difference---	(1-2-0)	-2,223	-.2	-102
JOE OOSTIE CASCADE HOESLY TUEBIE 879042----------	7 daughters--	7	9,820	3.9	385
Born, 2-17-43; proved, 12-14-48; dead; Nebr.	7 dams-------	13	11,188	3.6	402
Sire, 813790; dam, 2315761.	Difference---	(2-6-4)	-1,368	+.3	-17
Herd Owner, R. P. Flynn & Sons, Blair.					
JONABELL HORATIO 736813----------	8 daughters--	9	8,994	3.2	287
Born, 3-12-37; proved, 12-7-48; dead; W. Va.	6 daughters--	7	8,465	3.2	273
Sire, 683840; dam, 1579988.	6 dams-------	14	8,457	3.1	260
Herd Owner, J. D. Anderson, Morgantown.	Difference---	(3-3-5)	+8	+.1	+13
KALAMAZOO CENTURY MARATHON BURKE 829453----------	9 daughters--	12	12,090	3.2	383
Born, 8-13-41; proved, 12-2-48; dead; Mich.	9 dams-------	38	14,301	3.4	490
Sire, 756888; dam, 2042898.	Difference---	(3-3-0)	-2,211	-.2	-107
Herd Owner, Emmanuel Missionary College, Berrien Springs.					
KALAMAZOO FOBES DE KOL TOBSBOY (TWIN) 860583----------	6 daughters--	6	15,389	3.3	501
Born, 12-22-40; proved, 12-1-48; dead; Mich.	5 daughters--	5	16,874	3.3	549
Sire, 781208; dam, 1857820.	5 dams-------	17	14,915	3.6	534
Herd Owner, Dickerson's Ups & Downs, Bloomingdale.	Difference---	(3-1-2)	+1,959	-.3	+15
KARL-BERT AAGGIE SEGIS (TWIN) 807077----------	12 daughters-	17	10,861	3.5	376
Born, 10-11-39; proved, 12-22-48;----; Ohio.	9 daughters--	12	10,728	3.5	375
Sire, 592448; dam, 1954312.	9 dams-------	21	12,978	3.5	448
Herd Owner, Schreiber Farm, West Salem.	Difference---	(2-4-1)	-2,250	.0	-73

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
K B HIGHPATH DELLA BOY 866654----------	11 daughters-	14	13,274	3.5	462
Born, 11-8-42; proved, 12-13-48;----; Minn.	5 daughters--	6	13,533	3.5	476
Sire, 803841; dam, 2008759.	5 dams-------	9	13,421	3.4	451
Herd Owner, Raymond Olson, Hutchinson.	Difference---	(3-4-3)	+112	+.1	+25
KENNON ORMSBY PIETJE 739881----------	9 daughters--	17	10,216	3.8	392
Born, 3-4-37; proved, 12-16-48;----; Va.	7 daughters--	12	9,940	3.9	384
Sire, 701753; dam, 1720121.	7 dams-------	34	8,352	3.8	320
Herd Owner, R. F. Saunders & Sons, Mattoax.	Difference---	(5-4-5)	+1,588	+.1	+64
KINDLEUP SARAH JOE INKA 880992----------	6 daughters--	6	10,072	3.6	363
Born, 5-21-43; proved, 12-21-48;----; Wis.	6 dams-------	24	11,465	3.4	389
Sire, 790976; dam, 2035954.	Difference---	(2-4-1)	-1,393	+.2	-26
Herd Owner, Melvin Werndli, Belleville.					
KING BESS FOBES RETURN PRILLY 828360----------	10 daughters-	18	9,758	3.7	361
Born, 2-18-41; proved, 12-2-48;----; Ill.	8 daughters--	14	9,750	3.7	363
Sire, 741553; dam, 1985916.	8 dams-------	19	9,336	3.4	317
Herd Owner, Bernard J. Gebke, Jr., Bartelso.	Difference---	(5-6-5)	+414	+.3	+46
KING BESSIE COLANTHA PIEBE SEGIS 885469----------	7 daughters--	7	11,713	3.5	408
Born, 9-25-41; proved, 12-29-48;----; Iowa.	7 dams-------	9	9,357	3.4	316
Sire, 720356; dam, 2080892.	Difference---	(6-5-6)	+2,356	+.1	+92
Herd Owner, George Irwin, Bagley.					
KING BESSIE DON FOBES 3D 814797----------	8 daughters--	8	12,529	3.7	458
Born, 7-17-40; proved, 12-14-48; dead; Calif.	5 daughters--	5	11,914	3.6	430
Sire, 763862; dam, 1870576.	5 dams-------	5	12,109	3.6	439
Herd Owner, Robert O'Kelley, Susanville.	Difference---	(3-3-3)	-195	.0	-9
KING BESSIE KORNDYKE SIR MARIANNA 848836----------	5 daughters--	5	9,197	3.6	332
Born, 5-21-41; proved, 12-28-48;----; Pa.	5 dams-------	12	11,424	3.5	401
Sire, 699856; dam, 2049331.	Difference---	(1-4-1)	-2,227	+.1	-69
Herd Owner, W. S. Grimm, Red Lion.					
KING BESSIE ORMSBY MAY SUPREME 866183----------	7 daughters--	7	7,671	3.8	288
Born, 11-21-42; proved, 12-1-48;----; Minn.	7 dams-------	20	10,021	3.7	375
Sire, 792571; dam, 2273285.	Difference---	(1-5-1)	-2,350	+.1	-87
Herd Owner, Eugene T. Ryan, Goodhue.					
KING BESSIE ORMSBY MCKINLEY 2D 882981----------	8 daughters--	8	10,830	3.5	380
Born, 5-28-43; proved, 12-17-48;----; Minn.	8 dams-------	24	12,739	3.5	440
Sire, 708578; dam, 2030162.	Difference---	(0-5-1)	-1,909	.0	-60
Herd Owner, Langola Holstein Farm, Rice.					
KING BESSIE ORMSBY PIETERTJE 83D 688260 *7----------	22 daughters-	28	12,141	3.4	412
Born, 11-12-33; proved, 12-16-48;----; Mich.	15 daughters-	20	12,800	3.3	425
Sire, 520107; dam, 1016930.	15 dams------	30	13,274	3.3	436
Herd Owner, S. J. Emmons & Sons, Morenci.	Difference---	(7-9-9)	-474	.0	-11
KING BESSIE SEGIS ORMSBY POLKADOT 762771----------	11 daughters-	13	12,459	3.4	422
Born, 9-27-37; proved, 12-15-48;----; Minn.	7 daughters--	9	13,447	3.4	457
Sire, 723807; dam, 1930979.	7 dams-------	18	10,454	3.4	352
Used in Minnesota Valley A. B. A.	Difference---	(5-3-6)	+2,993	.0	+105
KING BESSIE SUPREME BELLE 850333----------	6 daughters--	8	10,884	3.3	361
Born, 2-11-42; proved, 12-1-48; dead; Mich.	6 dams-------	10	13,266	3.3	442
Sire, 763858; dam, 1991753.	Difference---	(0-4-0)	-2,382	.0	-81
Herd Owner, Alphonse Wender & Sons, Iron Mountain.					
KING GERBEN ORMSBY OATIS 903369----------	5 daughters--	5	13,583	3.5	478
Born, 9-28-43; proved, 12-8-48;----; Iowa.	5 dams-------	21	12,656	3.8	478
Sire, 838735; dam, 2080899.	Difference---	(4-1-2)	+927	-.3	0
Herd Owner, Earl L. Felt, Adel.					
KING KORNDYKE SEGIS PRIDE 862280----------	5 daughters--	7	10,547	3.2	338
Born, 12-21-41; proved, 12-17-48;----; Kans.	5 dams-------	12	12,593	3.4	430
Sire, 820898; dam, 2103609.	Difference---	(1-2-0)	-2,046	-.2	-92
Herd Owner, Wilbur Sloan, Cleveland.					
KING MARBEN KORNDYKE 761932----------	5 daughters--	7	12,337	3.6	440
Born, 9-13-37; proved, 12-2-48;----; Wis.	5 dams-------	14	11,047	3.6	399
Sire, 680425; dam, 1416878.	Difference---	(4-3-4)	+1,290	.0	+41
Herd Owner, Arnette Peters, Sharon.					
KING SEGIS MERCEDES OLLIE 823662----------	6 daughters--	9	12,272	3.4	419
Born, 5-23-40; proved, 12-13-48;----; Wis.	5 daughters--	8	11,519	3.5	400
Sire, 765058; dam, 1457291.	5 dams-------	18	10,478	3.5	364
Herd Owner, Harry Ellsworth & Sons, Elkhorn.	Difference---	(3-3-3)	+1,041	.0	+36
KING SEGIS ORMSBY ISABELLA 884774----------	8 daughters--	8	12,995	3.2	420
Born, 9-27-42; proved, 12-22-48;----; Minn.	5 daughters--	5	14,373	3.2	465
Sire, 822497; dam, 1924573.	5 dams-------	11	11,415	3.6	406
Herd Owner, Filk Stock Farm, Biscay.	Difference---	(4-1-3)	+2,958	-.4	+59

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KORNDYKE KONIGEN PETE PRIDE 828400----------	6 daughters--	6	14,445	3.6	517
Born, 12-18-39; proved, 12-13-48; dead; Mich.	6 dams-------	20	13,376	3.7	491
Sire, 684455; dam, 1620229.	Difference---	(4-3-4)	+1,069	-.1	+26
Herd Owner, Howard Nugent & Sons, Bad Axe.					
KORNDYKE PERFECTION CARNATION 811708----------	12 daughters-	18	9,525	3.7	350
Born, 10-7-40; proved, 12-22-48;----; N. Y.	6 daughters--	9	10,659	3.6	388
Sire, 742110; dam, 1475665.	6 dams-------	12	9,575	3.6	344
Herd Owner, Rex Williams, Oxford.	Difference---	(4-5-5)	+1,084	.0	+44
KOWCHICPO REPETE ORMSBY COLANTHA 814376----------	9 daughters--	10	9,186	3.3	305
Born, 6-17-40; proved, 12-21-48;----; N. H.	6 daughters--	7	9,355	3.4	316
Sire, 751605; dam, 1404726.	6 dams-------	19	11,030	3.4	380
Herd Owner, Eldon J. Corbett, Colebrooke.	Difference---	(1-2-1)	-1,675	.0	-64
LAKEFIELD ORMSBY POSCH STANDARD 845282----------	7 daughters--	9	10,426	3.7	387
Born, 1-16-42; proved, 12-13-48;----; Iowa.	7 dams-------	19	9,705	3.2	313
Sire, 799087; dam, 2083345.	Difference---	(4-7-7)	+721	+.5	+74
Herd Owner, Ralph Behrens & Son, Strawberry Point.					
LAUXMONT L COUNT 894088----------	5 daughters--	5	10,553	3.6	377
Born, 9-13-43; proved, 12-14-48; alive; Md.	5 dams-------	10	12,391	3.3	415
Sire, 820083; dam, 1865501.	Difference---	(1-3-2)	-1,838	+.3	-38
Herd Owner, B. W. Randles, Dickerson.					
LINE COLANTHA GERBEN CALAMITY RUBE 626875 *1----------	26 daughters-	79	9,830	3.5	339
Born, 11-19-29; proved, 12-22-48;----; Va.	17 daughters-	43	9,711	3.5	339
Sire, 514310; dam, 986558.	17 dams------	68	10,595	3.4	363
Herd Owner, D. C. Workhouse, Lorton.	Difference---	(5-11-7)	-844	+.1	-24
LOS ROBLES MATADOR LILITH 832862 *(Oct. 1948)----------	15 daughters-	20	12,792	3.6	461
Born, 5-3-41; proved, 12-29-48;----; Calif.	15 dams------	77	12,230	3.7	451
Sire, 776515; dam, 1506731.	Difference---	(10-6-9)	+562	-.1	+10
Herd Owner, E. L. Maddocks, Jr., Gustine.					
LOYALMEADE CHIEF ANNIS ORMSBY 809813----------	7 daughters--	7	12,090	3.6	434
Born, 4-1-40; proved, 12-28-48;----; Pa.	7 dams-------	20	12,388	3.5	434
Sire, 565838; dam, 1856974.	Difference---	(3-5-3)	-298	+.1	0
Herd Owner, Norbert Baier, Nisbet.					
LYONS SIR MUTUAL 723531----------	12 daughters-	26	12,635	3.2	408
Born, 10-24-34; proved, 12-16-48; dead; Ky.	12 dams------	51	13,454	3.4	458
Sire, 664667; dam, 1530793.	Difference---	(4-3-2)	-819	-.2	-50
Herd Owner, R. L. Duncan, La Grange.					
MAN-O-WAR KOECHER AAGGIE DELIGHT 906539----------	5 daughters--	8	8,366	3.4	286
Born, 11-6-42; proved, 12-14-48;----; Minn.	5 dams-------	7	8,351	3.7	313
Sire, 789201; dam, 1736189.	Difference---	(2-2-2)	+15	-.3	-27
Herd Owner, Walter Quast, Hutchinson.					
MAYWOOL MONTY FOBES 787945----------	5 daughters--	8	11,012	3.9	426
Born, 1-4-40; proved, 12-1-48;----; Wis.	5 dams-------	29	12,077	3.7	443
Sire, 743481; dam, 1623069.	Difference---	(1-4-2)	-1,065	+.2	-17
Herd Owner, William H. Warner, Bristol.					
MCDONOGH GOLD SEAL 849972----------	6 daughters--	6	11,051	3.6	398
Born, 5-1-42; proved, 12-9-48;----; Md.	6 dams-------	17	11,228	3.5	397
Sire, 788616; dam, 1865513.	Difference---	(3-2-3)	-177	+.1	+1
Used in Maryland Co-op. A. B. A.					
MERCER FIFI DELLA FOBES CRUSADER 700294----------	7 daughters--	10	8,601	3.4	291
Born, 4-27-34; proved, 12-7-48;----; Wis.	5 daughters--	6	8,800	3.4	295
Sire, 653949; dam, 1532604.	5 dams-------	20	10,498	3.5	364
Herd Owner, E. H. Zobel & R. Beny, Green Lake.	Difference---	(1-2-1)	-1,698	-.1	-69
MILSONS SIR BESS MARATHON 849955----------	8 daughters--	10	9,141	3.5	318
Born, 2-28-42; proved, 12-15-48;----; Mich.	8 dams-------	34	11,716	3.5	404
Sire, 791118; dam, 2046290.	Difference---	(1-4-0)	-2,575	.0	-86
Herd Owner, Charles J. Davis, Onondaga.					
MINNEHAHA BURKE SIR DAISY 689041----------	15 daughters-	31	9,891	3.5	344
Born, 8-21-33; proved, 12-2-48; dead; Minn.	14 daughters-	30	9,752	3.5	342
Sire, 422919; dam, 1345393.	14 dams------	32	10,176	3.5	354
Herd Owner, St. Peter State Hospital, St. Peter.	Difference---	(6-11-7)	-424	.0	-12
MINNEHAHA LILITH VALIANT 850113----------	5 daughters--	6	10,633	3.7	397
Born, 12-14-41; proved, 12-17-48;----; Minn.	5 dams-------	8	9,267	3.9	360
Sire, 643668; dam, 1988535.	Difference---	(3-2-3)	+1,366	-.2	+37
Herd Owner, Minnesota State Reformatory, St. Cloud.					
M M JOHANNA ORMSBY GREAT 831130----------	8 daughters--	8	12,201	3.6	438
Born, 7-28-41; proved, 12-2-48;----; Wis.	8 dams-------	21	11,104	3.3	372
Sire, 756074; dam, 1950467.	Difference---	(5-5-5)	+1,097	+.3	+66
Herd Owner, Arthur E. Meythaler, Woodford.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MOONLIT MUTUAL SIR INKA FOBES 822505----------	11 daughters-	11	12,177	3.7	446
Born, 3-30-41; proved, 12-7-48; dead; Wis.	6 daughters--	6	11,508	3.7	430
Sire, 651591; dam, 1684629.	6 dams-------	8	11,190	3.4	376
Herd Owner, Martin Farms, Lone Rock.	Difference---	(3-6-4)	+318	+.3	+54
MOOSEHEART DOUBLE DELLA AIM 841510----------	9 daughters--	11	10,336	3.4	356
Born, 12-14-41; proved, 12-20-48;----; Ill.	8 daughters--	9	10,367	3.5	360
Sire, 780041; dam, 1782572.	8 dams-------	27	10,944	3.6	395
Herd Owner, Dr. George A. Seile, O'Fallon.	Difference---	(5-3-2)	-577	-.1	-35
MOOSEHEART KING ADMIRAL CRESCENT 813256----------	8 daughters--	9	11,935	3.6	425
Born, 10-19-40; proved, 12-29-48;----; Ill.	7 daughters--	8	11,942	3.6	425
Sire, 784388; dam, 2023959.	7 dams-------	21	13,975	3.4	479
Herd Owner, Mooseheart Farm, Mooseheart.	Difference---	(2-6-2)	-2,033	+.2	-54
MOOSE LAKE SIR BESSIE 825334----------	7 daughters--	7	11,006	3.3	363
Born, 3-28-41; proved, 12-17-48;----; Minn.	5 daughters--	5	12,029	3.2	382
Sire, 629473; dam, 1872958.	5 dams-------	10	11,196	3.4	381
Herd Owner, Moose Lake State Hospital, Moose Lake.	Difference---	(3-1-3)	+833	-.2	+1
MUSCOHO SEGIS PROGRESSOR 809713----------	13 daughters-	26	11,124	3.5	392
Born, 11-28-39; proved, 12-22-48;----; Iowa.	7 daughters--	11	11,243	3.6	404
Sire, 738428; dam, 1986017.	7 dams-------	14	11,896	3.4	400
Herd Owner, Muscatine Co. Home, Muscatine.	Difference---	(3-5-5)	-653	+.2	+4
NESHONOC JEAN BURKE 824896----------	5 daughters--	6	11,924	3.5	419
Born, 2-22-41; proved, 12-22-48;----; Wis.	5 dams-------	11	9,416	3.5	329
Sire, 728760; dam, 1939045.	Difference---	(5-3-5)	+2,508	.0	+90
Herd Owner, Neshonoc Farms, West Salem.					
NETHERLAND ORMSBY PICKERING 895039----------	6 daughters--	8	10,722	3.5	376
Born, 10-2-42; proved, 12-9-48;----; Pa.	6 dams-------	19	11,346	3.5	401
Sire, 769998; dam, 1603414.	Difference---	(2-4-4)	-624	.0	-25
Herd Owner, Kenneth H. Boyer, Selinsgrove.					
NEWMONT GENERAL 849864----------	5 daughters--	6	8,429	3.6	302
Born, 2-1-42; proved, 12-28-48;----; Vt.	5 dams-------	18	9,924	3.7	368
Sire, 731387; dam, 1908235.	Difference---	(1-2-1)	-1,495	-.1	-66
Herd Owner, Russell C. Nickerson, Shoreham.					
NIEMAN BESSIE FOBES TRITOMIA 796654----------	21 daughters-	23	11,645	3.6	416
Born, 11-16-38; proved, 12-21-48;----; Iowa.	17 daughters-	19	11,662	3.6	414
Sire, 708578; dam, 1602986.	17 dams------	43	11,890	3.7	439
Herd Owner, Irving Deering, Clermont.	Difference---	(9-6-6)	-228	-.1	-25
N J E S EXCELSIOR COLINA INSEM 780214----------	29 daughters-	36	12,073	3.5	428
Born, 8-8-39; proved, 12-14-48; dead; N. J.	22 daughters-	27	12,367	3.5	436
Sire, 724272; dam, 1660747.	22 dams------	73	11,385	3.5	401
Used in Morris Co. Co-op. A. B. A., Inc.	Difference---	(13-12-14)	+982	.0	+35
NUNUNDAH ADMIRAL ORMSBY DE KOL 900475----------	10 daughters-	12	11,160	4.0	446
Born, 4-12-41; proved, 12-17-48;----; Pa.	5 daughters--	5	10,997	4.2	459
Sire, 747697; dam, 2044907.	5 dams-------	10	13,833	4.0	560
Herd Owner, Comes Dairy, Smethport.	Difference---	(0-5-0)	-2,836	+.2	-101
OOSTIE CASCADE MAJOR 834163----------	7 daughters--	7	11,298	3.6	402
Born, 8-12-41; proved, 12-13-48;----; Wis.	7 dams-------	25	11,258	3.5	399
Sire, 727000; dam, 2049239.	Difference---	(4-4-5)	+40	+.1	+3
Herd Owner, Frank Ubbelohde, Plymouth.					
OOSTIE HOMESTEAD CHARLIE 817549----------	7 daughters--	8	10,281	3.5	362
Born, 12-3-40; proved, 12-13-48;----; Wis.	7 dams-------	22	10,573	3.6	381
Sire, 682402; dam, 1587285.	Difference---	(4-3-3)	-292	-.1	-19
Herd Owner, Angus M. Clark, Larsen.					
ORMSBY FOBES KENT 743729----------	6 daughters--	10	11,496	3.4	387
Born, 5-22-37; proved, 12-2-48; dead; Ky.	5 daughters--	9	11,437	3.3	382
Sire, 611511; dam, 1530128.	5 dams-------	14	13,258	3.5	461
Herd Owner, John A. Moser, Louisville.	Difference---	(1-3-1)	-1,821	-.2	-79
ORMSBY WAYNE SIR PONTIAC 762749----------	15 daughters-	22	9,387	3.7	349
Born, 9-16-37; proved, 12-13-48;----; Va.	9 daughters--	15	9,619	3.7	357
Sire, 698485; dam, 1206889.	9 dams-------	45	9,800	3.9	379
Herd Owner, Crippen & Riely, Herndon.	Difference---	(5-5-4)	-181	-.2	-22
OSBORNDALE COUNT ORMSBY TOVARICH 869632----------	10 daughters-	11	12,374	3.7	462
Born, 9-15-42; proved, 12-8-48;----; Kans.	9 daughters--	10	12,940	3.7	485
Sire, 760642; dam, 1463138.	9 dams-------	29	12,806	3.6	465
Herd Owner, T. Hobart McVay, Nickerson.	Difference---	(4-5-6)	+134	+.1	+20
OSBORNDALE KING JOAB 796738----------	7 daughters--	7	14,063	3.3	467
Born, 2-27-40; proved, 12-21-48;----; Conn.	7 dams-------	18	10,939	3.4	373
Sire, 760723; dam, 2044065.	Difference---	(7-5-7)	+3,124	-.1	+94
Herd Owner, Atlasta Farm, Bethel.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PABST ADMIRAL CORNFLOWER 839322----------	14 daughters-	17	11,160	3.8	419
Born, 1-12-42; proved, 12-21-48;----; Minn.	13 daughters-	15	11,303	3.8	426
Sire, 786035; dam, 1425998.	13 dams------	46	11,137	3.3	373
Herd Owner, Cairnbrae Farm, Rochester.	Difference---	(5-11-9)	+166	+.5	+53
PANSCO SIR CHARLES 839100----------	8 daughters--	8	11,049	3.8	424
Born, 1-12-42; proved, 12-2-48; dead; Calif.	6 daughters--	6	11,499	3.8	441
Sire, 781203; dam, 1649930.	6 dams-------	11	13,234	3.9	521
Herd Owner, Charles A. Judson, Escondido.	Difference---	(0-3-0)	-1,735	-.1	-80
PARAMOUNT ORMSBY JILL COLANTHUS 837773----------	9 daughters--	10	12,598	3.6	458
Born, 11-1-41; proved, 12-22-48;----; Minn.	9 dams-------	20	12,202	3.4	419
Sire, 793848; dam, 1997759.	Difference---	(4-8-5)	+396	+.2	+39
Herd Owner, Peter Nelson & Sons, Westbrook.					
PARSONS LOCKHART PONTIAC WALKER (TWIN) 684057----------	9 daughters--	19	10,271	3.6	373
Born, 5-20-32; proved, 12-20-48;----; Kans.	5 daughters--	9	10,863	3.7	402
Sire, 464316; dam, 1230092.	5 dams-------	7	11,936	3.2	385
Herd Owner, State Hospital for Epileptics, Parsons.	Difference---	(1-5-2)	-1,073	+.5	+17
PIEBE HOESLY CANARY 870191----------	5 daughters--	5	17,144	3.5	601
Born, 6-6-42; proved, 12-9-48; alive; Ohio.	5 dams-------	21	16,397	3.4	549
Sire, 698479; dam, 2026573.	Difference---	(4-5-4)	+747	+.1	+52
Herd Owner, Tucker & Schroeder, Spencerville.					
PIEBE TRIUNE PONTIAC ORMSBY 811359----------	6 daughters--	12	14,440	2.9	415
Born, 10-21-39; proved, 12-17-48;----; Minn.	6 dams-------	15	14,771	3.3	490
Sire, 693386; dam, 1629907.	Difference---	(3-0-1)	-331	-.4	-75
Herd Owner, Clarence M. Titrud, Clarissa.					
PIETERTJE BOY CRUSADER 766149----------	6 daughters--	10	9,787	3.6	355
Born, 1-11-38; proved, 12-9-48;----; Iowa.	5 daughters--	8	10,363	3.6	377
Sire, 662763; dam, 1862499.	5 dams-------	9	11,097	3.6	400
Herd Owner, Phillip Sherman, Pulaski.	Difference---	(2-3-3)	-734	.0	-23
PIKES PEAK SIR PIEBE CHANGE FAYNE 851201----------	10 daughters-	15	9,672	3.8	367
Born, 3-14-42; proved, 12-1-48;----; Mont.	9 daughters--	13	9,739	3.8	367
Sire, 789930; dam, 2203462.	9 dams-------	37	10,083	3.5	356
Herd Owner, Ernest Pene, Butte.	Difference---	(5-6-6)	-344	+.3	+11
PINKY PEERLESS 668507----------	15 daughters-	39	10,834	3.2	344
Born, 10-6-32; proved, 12-14-48;----; Utah.	6 daughters--	19	10,394	3.0	312
Sire, 571848; dam, 1355021.	6 dams-------	22	10,909	3.2	354
Herd Owner, Heber C. Gibson & Sons, West Weber.	Difference---	(1-2-1)	-515	-.2	-42
POLK SEGIS PONTIAC 855464----------	6 daughters--	6	11,315	3.9	440
Born, 6-28-42; proved, 12-15-48;----; Pa.	5 daughters--	5	11,572	3.9	449
Sire, 734510; dam, 1831902.	5 dams-------	9	11,081	3.6	395
Herd Owner, Pennsylvania Industrial School, Huntingdon.	Difference---	(2-5-2)	+491	+.3	+54
POPEVALE SIR OLLIE MOOIE PONTIAC 840866----------	6 daughters--	6	13,103	4.0	520
Born, 11-11-41; proved, 12-29-48;----; Ill.	6 dams-------	7	10,610	3.4	364
Sire, 717259; dam, 2016788.	Difference---	(6-5-6)	+2,493	+.6	+156
Herd Owner, Maurice Hickey, Davis Junction.					
POPLAR POINT PEARL PATHFINDER 886524----------	14 daughters-	15	13,818	3.3	454
Born, 11-29-41; proved, 12-22-48;----; N. Y.	9 daughters--	10	13,941	3.2	453
Sire, 776307; dam, 2012458.	9 dams-------	20	13,301	3.4	447
Herd Owner, Edwin R. Smith, Seneca Falls.	Difference---	(5-6-5)	+640	-.2	+6
PRILLY SENSATION SUCCESSOR 813966----------	5 daughters--	11	11,720	3.3	389
Born, 1-14-40; proved, 12-14-48;----; Ill.	5 dams-------	16	12,753	3.4	433
Sire, 666430; dam, 1316290.	Difference---	(3-2-2)	-1,033	-.1	-44
Herd Owner, Buford Farms, Stockton.					
PRINCE POSCH PIEBE RAG APPLE 807846----------	11 daughters-	16	12,076	3.5	426
Born, 1-29-37; proved, 12-29-48;----; Wis.	11 dams------	31	10,956	3.4	372
Sire, 671379; dam, 1794451.	Difference---	(5-9-10)	+1,120	+.1	+54
Used in Trempealeau Co-op. A. B. A.					
RAINBOW SIR BESS ROSE SEGIS 848314----------	12 daughters-	13	17,219	3.3	575
Born, 3-2-42; proved, 12-14-48; alive; Mich.	6 daughters--	7	18,400	3.3	613
Sire, 791118; dam, 1680728.	6 dams-------	10	13,700	3.4	462
Herd Owner, Carletondean Farm, Fowlerville.	Difference---	(6-3-6)	+4,700	-.1	+151
REDFIELD BESSIE PRIDE 809985----------	13 daughters-	14	12,441	3.6	443
Born, 6-21-40; proved, 12-21-48;----; N. J.	7 daughters--	8	11,621	3.6	413
Sire, 726873; dam, 1894569.	7 dams-------	10	11,803	3.6	427
Herd Owner, W. W. Smart, Washington.	Difference---	(3-5-4)	-182	.0	-14
REDFIELD GYPSIE MODEL 809986----------	7 daughters--	8	11,110	3.8	418
Born, 7-1-40; proved, 12-17-48;----; N. Dak.	7 dams-------	22	10,443	3.5	364
Sire, 726873; dam, 1956359.	Difference---	(5-6-5)	+667	+.3	+54
Herd Owner, State Hospital for Insane, Jamestown.					

HOLSTEIN SIRES	Animals	Records	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
ROSNI LETITIA KING 885629	6 daughters--	6	15,139	3.4	508
Born, 8-17-42; proved, 12-22-48;----; Va.	6 dams-------	13	12,593	3.3	444
Sire, 666739; dam, 2020480.	Difference---	(5-1-5)	+2,546	-.1	+64
Herd Owner, Mrs. Frank S. Walker, Orange.					
ST. CROIXCO CREATOR EMPEROR 853251	9 daughters--	10	9,023	3.8	339
Born, 1-31-42; proved, 12-8-48;----; Wis.	8 daughters--	9	8,779	3.8	336
Sire, 793847; dam, 2032687.	8 dams-------	13	12,051	3.4	412
Herd Owner, H. B. Olsen & Son, Hammond.	Difference---	(0-7-0)	-3,272	+.4	-76
SEGIS JOE HOMESTEAD 769611	6 daughters--	6	15,807	3.4	531
Born, 12-6-38; proved, 12-1-48; dead; Ill.	5 daughters--	5	15,904	3.3	528
Sire, 731528; dam, 1930855.	5 dams-------	15	12,879	3.5	447
Herd Owner, Howard J. Swanzey & Dietmier, Ridott.	Difference---	(4-2-3)	+3,025	-.2	+81
SEGIS LAD ORMSBY PONTIAC 687261	12 daughters-	15	11,548	3.4	388
Born, 12-18-32; proved, 12-29-48;----; N. Y.	7 daughters--	10	12,316	3.4	419
Sire, 503831; dam, 314021.	7 dams-------	14	13,220	3.3	440
Herd Owner, Mrs. Leon Short & Sons, Belmont.	Difference---	(1-6-1)	-904	+.1	-21
SEGIS SARAH OF BROADWAY HILL 885577	5 daughters--	5	12,601	3.6	455
Born, 1-19-43; proved, 12-14-48; dead; Minn.	5 dams-------	21	12,320	3.8	474
Sire, 837283; dam, 2242895.	Difference---	(3-2-2)	+281	-.2	-19
Herd Owner, Martin Lohmann, Goodhue.					
SHAWS AIM DAUNTLESS 839475	7 daughters--	10	11,208	3.7	414
Born, 1-26-42; proved, 12-3-48;----; Maine.	7 dams-------	15	12,193	3.3	408
Sire, 780041; dam, 1945263.	Difference---	(4-6-4)	-985	+.4	+6
Herd Owner, Raymond E. Keene, Hebron.					
SHERWOOD ACRES WINDSOR HOMESTEAD 889659	7 daughters--	8	13,065	3.4	442
Born, 5-21-42; proved, 12-1-48;----; Wis.	5 daughters--	6	13,603	3.4	462
Sire, 776689; dam, 2010066.	5 dams-------	6	10,811	3.3	354
Herd Owner, A. W. Smith & Sons, Burlington.	Difference---	(5-3-5)	+2,792	+.1	+108
SHIAWANA IDEAL 880210	6 daughters--	6	13,665	3.8	523
Born, 4-23-43; proved, 12-2-48; alive; Mich.	5 daughters--	5	13,453	3.9	518
Sire, 762103; dam, 1982928.	5 dams-------	10	13,763	3.4	469
Herd Owner, George & Ross Robb, Fowlerville.	Difference---	(2-5-3)	-310	+.5	+49
SIR BOELYN DESIGN 795185	10 daughters-	12	11,312	4.0	448
Born, 4-4-40; proved, 12-22-48;----; Va.	9 daughters--	11	11,372	4.0	456
Sire, 738106; dam, 1742351.	9 dams-------	14	9,624	3.9	378
Herd Owner, M. C. Speiden, Mitchells.	Difference---	(8-6-8)	+1,748	+.1	+78
SIR DOUG BURK DI-GERB COL WATSON 879983	5 daughters--	5	11,727	3.9	452
Born, 1-13-43; proved, 12-17-48;----; Pa.	5 dams-------	15	11,929	3.8	452
Sire, 660575; dam, 2115387.	Difference---	(3-4-2)	-202	+.1	0
Herd Owner, Loudon M. Kyle, Mackeyville.					
SIR DOUG BURK PIEBE GERB-COLA JOHAN 830325 *(April 1948)---	10 daughters-	14	11,195	3.5	393
Born, 4-26-41; proved, 12-29-48;----; Maine.	10 dams------	27	11,561	3.5	403
Sire, 660575; dam, 1973762.	Difference---	(5-5-4)	-366	.0	-10
Used in Maine Co-op. A. B. A.					
SIR JEWEL POSCH ORMSBY FOBES 888734	10 daughters-	18	11,747	3.6	417
Born, 12-12-41; proved, 12-13-48; dead; Minn.	9 daughters--	16	11,675	3.5	414
Sire, 775708; dam, 2016751.	9 dams-------	30	11,106	3.4	378
Herd Owner, Lucas M. Crane & Son, Garden City.	Difference---	(6-5-8)	+569	+.1	+36
SIR LOUIS TRIUNE DOUBLE ORMSBY 879619	9 daughters--	12	11,708	3.6	419
Born, 1-5-40; proved, 12-14-48;----; Mich.	6 daughters--	8	12,444	3.6	446
Sire, 741587; dam, 1969254.	6 dams-------	13	16,102	3.7	597
Herd Owner, Buth & Reisbig, Coopersville.	Difference---	(0-3-1)	-3,658	-.1	-151
SIR MERCEDES ORMSBY BURKE FOBES 828698 *11	15 daughters-	25	15,005	3.6	539
Born, 6-17-40; proved, 12-28-48;----; Wis.	14 daughters-	24	15,167	3.6	547
Sire, 720714; dam, 1851548.	14 dams------	39	13,761	3.4	472
Herd Owner, Julius W. Etta, West Bend.	Difference---	(11-12-12)	+1,406	+.2	+75
SIR MODEL PRIDE TRANSMITTER 836847	8 daughters--	9	13,366	3.5	463
Born, 10-14-41; proved, 12-13-48;----; Ill.	5 daughters--	6	13,241	3.5	467
Sire, 754520; dam, 1958998.	5 dams-------	18	11,929	3.4	405
Herd Owner, Wiseacres Farm, Batavia.	Difference---	(3-4-4)	+1,312	+.1	+62
SIR ORMSBY ALPHA 760846	8 daughters--	12	8,767	3.3	293
Born, 6-2-38; proved, 12-2-48; dead; Minn.	6 daughters--	9	8,884	3.3	296
Sire, 601452; dam, 1792822.	6 dams-------	19	11,590	3.4	400
Herd Owner, Arnold R. Martig & Sons, Dodge Center.	Difference---	(0-3-0)	-2,706	-.1	-104
SIR ORMSBY CHIEFTAIN DIRECT 870736	8 daughters--	8	16,694	3.8	627
Born, 9-7-41; proved, 12-14-48; alive; N. Y.	8 dams-------	29	12,561	3.7	459
Sire, 695631; dam, 1917378.	Difference---	(8-5-8)	+4,133	+.1	+168
Herd Owner, Warne Brothers, Romulus.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR ORMSBY FOBES DICTATOR 50TH 843138----------	9 daughters--	10	10,780	3.5	381
Born, 1-13-42; proved, 12-1-48;----; Kans.	9 dams-------	33	13,038	3.5	455
Sire, 662443; dam, 1985120.	Difference---	(1-6-1)	-2,258	.0	-74
Herd Owner, Kansas State Prison, Lansing.					
SIR PYRRHA ORMSBY POSCH 777424----------	7 daughters--	7	8,953	3.6	323
Born, 10-11-38; proved, 12-1-48;----; Vt.	6 daughters--	6	8,918	3.6	320
Sire, 744507; dam, 1885603.	6 dams-------	16	10,068	3.9	388
Herd Owner, A. C. Plue, Shoreham.	Difference---	(2-1-1)	-1,150	-.3	-68
SIR RAG APPLE MODEL LASS 838277----------	6 daughters--	10	12,811	3.3	424
Born, 4-1-41; proved, 12-14-48;----; Wis.	6 dams-------	19	10,944	3.3	362
Sire, 787194; dam, 1888438.	Difference---	(5-4-5)	+1,867	.0	+62
Herd Owner, August Seefeldt, Theresa.					
SIR SKYLARK DARK BOY 839352----------	8 daughters--	12	11,774	3.6	430
Born, 8-17-41; proved, 12-2-48; dead; Minn.	7 daughters--	11	11,846	3.6	426
Sire, 786582; dam, 1626103.	7 dams-------	10	11,263	3.6	404
Herd Owner, Ted Kuhlmann, Lester Prairie.	Difference---	(4-5-4)	+583	.0	+22
SIR TRANSMITTER MODEL PRIDE 872422----------	5 daughters--	5	15,110	3.5	530
Born, 10-22-42; proved, 12-15-48; alive; Ill.	5 dams-------	9	13,319	3.6	483
Sire, 754520; dam, 1958998.	Difference---	(4-2-4)	+1,791	-.1	+47
Herd Owner, A. W. Abbott & Sons, Downers Grove.					
SOWISCOL KING POSCH STAR 843302----------	12 daughters-	13	11,905	3.4	406
Born, 2-16-42; proved, 12-3-48;----; Wis.	9 daughters--	10	11,469	3.4	386
Sire, 724675; dam, 1982631.	9 dams-------	19	12,258	3.3	406
Herd Owner, Frank Rossler & Son, Menomonie.	Difference---	(3-5-3)	-789	+.1	-20
STRATTON AAGGIE SIR BESSIE 765808----------	6 daughters--	8	13,747	3.4	470
Born, 5-23-38; proved, 12-1-48; dead; Colo.	6 dams-------	17	11,520	3.3	376
Sire, 729200; dam, 1573502.	Difference---	(4-5-5)	+2,227	+.1	+94
Used in Colorado A. & M. A. B. A.					
THE MEADOWS ORMSBY INKA 874586----------	9 daughters--	9	9,716	3.6	354
Born, 2-20-43; proved, 12-6-48;----; Iowa.	7 daughters--	7	9,565	3.7	349
Sire, 794827; dam, 1803001.	7 dams-------	25	11,086	3.6	398
Herd Owner, Hospital for Epileptics & School for Feeble-minded, Woodward.	Difference---	(1-4-1)	-1,521	+.1	-49
THE MEADOWS PROGRESSOR BURKE 831069----------	7 daughters--	10	12,933	3.5	455
Born, 1-20-41; proved, 12-1-48;----; Iowa.	7 dams-------	18	12,220	3.5	432
Sire, 730302; dam, 1784023.	Difference---	(4-4-4)	+713	.0	+23
Herd Owner, J. E. Elliott & Son, Woodward.					
TILFA KING PIETERTJE JOHANNA 813298----------	6 daughters--	8	8,274	3.7	305
Born, 10-29-40; proved, 12-21-48;----; Minn.	6 dams-------	13	9,696	3.7	357
Sire, 762372; dam, 1522151.	Difference---	(2-4-1)	-1,422	.0	-52
Herd Owner, Tilney Farms, Lewisville.					
TOBEFIELD TOBIAS 731419 *9----------	12 daughters-	29	9,970	3.6	362
Born, 8-2-36; proved, 11-18-48; dead; N. Y.	7 daughters--	17	9,183	3.7	339
Sire, 685814; dam, 1502473.	7 dams-------	20	10,875	3.5	375
Herd Owner, Raymond P. Ernenwein, Verona.	Difference---	(0-7-2)	-1,692	+.2	-36
TOBEY HILL LAD MARATHON ISA 794717----------	5 daughters--	6	9,839	3.5	347
Born, 4-14-39; proved, 12-20-48;----; N. Y.	5 dams-------	6	9,932	3.7	365
Sire, 652621; dam, 1854804.	Difference---	(2-2-2)	-93	-.2	-18
Herd Owner, Frank E. Dunning & Son, Copake.					
U-MO POSCH ORMSBY ACME 869876----------	12 daughters-	17	15,175	3.4	513
Born, 2-10-42; proved, 12-1-48;----; Mo.	10 daughters-	13	14,896	3.4	502
Sire, 816269; dam, 1489883.	10 dams------	25	12,323	3.4	414
Herd Owner, Missouri Training School, Boonville.	Difference---	(8-8-8)	+2,573	.0	+88
U V M MUTUAL SENSATION 697973----------	6 daughters--	7	11,168	3.4	384
Born, 4-11-34; proved, 12-1-48;----; N. Y.	5 daughters--	6	10,921	3.5	379
Sire, 493889; dam, 1273269.	5 dams-------	17	11,932	3.5	414
Herd Owner, Lake Placid Co., Lake Placid.	Difference---	(2-3-3)	-1,011	.0	-35
U W JEMIMA SIR DE KOL 812379----------	8 daughters--	11	11,789	3.2	371
Born, 10-27-40; proved, 12-22-48;----; Wis.	5 daughters--	6	11,740	3.2	371
Sire, 126305 CHB; dam, 2174137.	5 dams-------	10	9,903	3.8	372
Herd Owner, Lincoln County Farm, Merrill.	Difference---	(4-1-3)	+1,837	-.6	-1
VAN HOOSEN CALAMITY 532 842883----------	6 daughters--	6	14,981	3.4	507
Born, 1-14-42; proved, 12-9-48; dead; Mich.	5 daughters--	5	15,004	3.4	512
Sire, 751819; dam, 1948418.	5 dams-------	18	9,888	3.6	354
Herd Owner, Charles P. Reed, Howell.	Difference---	(5-1-5)	+5,116	-.2	+158
VERBANK KEYES ALEX JOHANNA ORMSBY 786921----------	5 daughters--	5	12,986	3.3	432
Born, 4-9-39; proved, 12-9-48;----; N. Y.	5 dams-------	17	12,791	3.3	425
Sire, 715532; dam, 971444.	Difference---	(2-2-2)	+195	.0	+7
Herd Owner, Earl T. Ketcham, Wappinger Falls.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
VERNWAY INKA FOREMAN 769303----------	11 daughters-	13	13,637	3.2	440
Born, 12-20-37; proved, 12-2-48;----; Wash.	7 daughters--	9	14,534	3.1	450
Sire, 723530; dam, 1863621.	7 dams-------	23	13,713	3.2	439
Herd Owner, Rainier State School, Buckley.	Difference---	(5-3-6)	+821	-.1	+11
WALTON CORPORAL WALKER ROYAL 853608----------	5 daughters--	5	11,285	3.6	406
Born, 5-29-42; proved, 12-9-48; alive; N. Y.	5 dams-------	11	11,050	3.4	371
Sire, 712268; dam, 1928461.	Difference---	(3-4-3)	+235	+.2	+35
Herd Owner, W. H. Worden & Son, Windsor.					
WAYSIDE-INN SNOWBALL BESSIE 845459----------	6 daughters--	6	12,801	3.3	428
Born, 12-22-41; proved, 12-20-48;----; Pa.	6 dams-------	20	13,583	3.3	443
Sire, 711328; dam, 1947881.	Difference---	(2-4-2)	-782	.0	-15
Herd Owner, I. O. O. F. Home, Grove City.					
WEARY RIVER CONTENDER VALDESSA 779976----------	7 daughters--	12	14,562	3.8	560
Born, 1-10-39; proved, 12-6-48; dead; Calif.	6 daughters--	10	14,241	3.9	551
Sire, 698480; dam, 1639678.	6 dams-------	20	14,841	3.7	542
Herd Owner, Charles L. Good & Son, Santee.	Difference---	(2-5-3)	-600	+.2	+9
WEBER PINKY JETZE KONIGEN 696356----------	15 daughters-	31	11,767	3.8	444
Born, 11-22-33; proved, 12-13-48;----; Utah.	5 daughters--	11	12,031	3.8	453
Sire, 571848; dam, 1296813.	5 dams-------	8	12,815	4.1	529
Herd Owner, Welby W. Young, Heber.	Difference---	(2-1-2)	-784	-.3	-76
WESTBRAKE PONTIAC PRINCE 754097----------	6 daughters--	11	11,790	3.2	375
Born, 2-22-38; proved, 12-2-48;----; Utah.	5 daughters--	10	12,601	3.2	402
Sire, 703505; dam, 1767339.	5 dams-------	11	11,919	3.5	421
Herd Owner, Leon P. Jensen, Brigham.	Difference---	(3-1-2)	+682	-.3	-19
WIMBLEDON HEILO EMPEROR 810240----------	14 daughters-	15	11,344	3.3	369
Born, 3-26-40; proved, 12-20-48;----; Wis.	8 daughters--	9	11,324	3.1	352
Sire, 671030; dam, 1878962.	8 dams-------	10	12,034	3.3	402
Herd Owner, Elam C. Buttles Estate, Lake Beulah.	Difference---	(2-3-3)	-710	-.2	-50
WOODDELL SIR CLOTHILDE HEILO LAD 850109----------	6 daughters--	8	11,299	3.4	388
Born, 3-5-42; proved, 12-8-48; dead; Ill.	6 dams-------	19	12,596	3.3	414
Sire, 777121; dam, 1870793.	Difference---	(2-5-4)	-1,297	+.1	-26
Herd Owner, Charles Luginbuhl, Trenton.					
WOODYVALE DIXIE KING 848162----------	8 daughters--	9	16,849	3.4	578
Born, 3-4-42; proved, 12-13-48; dead; Mich.	8 dams-------	19	15,083	3.4	518
Sire, 785294; dam, 2011157.	Difference---	(5-5-5)	+1,766	.0	+60
Herd Owner, Armstrong Brothers, Fowlerville.					
WORTHMORE PRINCE LUCY RUE 884743----------	6 daughters--	6	13,466	3.1	423
Born, 9-22-42; proved, 12-9-48;----; Iowa.	6 dams-------	22	11,603	3.2	368
Sire, 710112; dam, 2159073.	Difference---	(6-3-5)	+1,863	-.1	+55
Herd Owner, Herman Wunder, Lake Park.					
YANKTON PONTIAC ORMSBY ECHO 807807----------	14 daughters-	21	10,806	3.5	374
Born, 7-11-40; proved, 12-28-48;----; S. Dak.	8 daughters--	12	10,302	3.5	357
Sire, 717605; dam, 1731813.	8 dams-------	18	11,381	3.3	371
Herd Owner, South Dakota Training School, Plankinton.	Difference---	(1-8-3)	-1,079	+.2	-14
41-0748 (DHIA EARTAG)----------	5 daughters--	5	10,841	3.7	404
Born, ----; proved, 12-28-48;----; Minn.	5 dams-------	26	9,256	3.5	327
Sire, ----; dam, ----.	Difference---	(5-5-5)	+1,585	+.2	+77
Herd Owner, Nelson & Thompson, Ellendale.					
61-7823 (DHIA EARTAG) *12----------	10 daughters-	16	10,915	3.3	362
Born, ----; proved, 12-8-48; dead; Ky.	8 daughters--	12	10,570	3.4	357
Sire, ----; dam, ----.	8 dams-------	25	13,080	3.5	454
Herd Owner, R. L. Duncan, La Grange.	Difference---	(2-2-1)	-2,510	-.1	-97
84-9044 (DHIA EARTAG)----------	20 daughters-	34	7,681	3.6	276
Born, ----; proved, 12-29-48;----; Colo.	6 daughters--	9	7,728	3.5	271
Sire, ----; dam, ----.	6 dams-------	12	8,252	3.5	290
Herd Owner, E. A. Bessie, Colorado Springs.	Difference---	(2-3-2)	-524	.0	-19

JERSEY SIRES

ADVANCER'S WHIRLAWAY 430288 *(Feb. 1948)----------	15 daughters-	19	7,101	5.4	381
Born, 10-28-41; proved, 12-14-48; alive; Iowa.	12 daughters-	16	7,424	5.3	396
Sire, 367164; dam, 1117646.	12 dams------	43	6,163	4.9	300
Used in Land O'Lakes A. B. A., Inc., Minn.	Difference---	(11-10-11)	+1,261	+.4	+96
AIM STANDARD ANDY 402479----------	12 daughters-	16	8,549	5.0	426
Born, 11-30-38; proved, 12-17-48;----; Oreg.	5 daughters--	8	9,212	4.8	446
Sire, 371920; dam, 1050324.	5 dams-------	8	8,006	5.0	404
Herd Owner, Harley Taylor, Cornelius.	Difference---	(4-2-4)	+1,206	-.2	+42

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AMELIA'S OBSERVER DESIGN 398156----------	8 daughters--	15	5,729	5.4	311
Born, 8-13-38; proved, 12-6-48; dead; Ky.	6 daughters--	11	5,298	5.6	298
Sire, 314728; dam, 1132960.	6 dams-------	17	6,717	5.1	339
Herd Owner, Rowland & Walter Gander, Danville.	Difference---	(1-6-3)	-1,419	+.5	-41
AROON ROYAL BLONDE 452463----------	6 daughters--	6	9,118	5.4	495
Born, 6-12-43; proved, 12-13-48; dead; Wash.	6 dams-------	19	8,827	5.1	453
Sire, 375587; dam, 1127591.	Difference---	(4-4-4)	+291	+.3	+42
Herd Owner, R. C. Nelson, Walla Walla.					
BEECHLAND VOL. SLEEPER 398815 *10----------	12 daughters-	26	7,359	5.5	405
Born, 4-19-37; proved, 12-15-48;----; Mich.	7 daughters--	19	7,797	5.3	415
Sire, 289583; dam, 1037577.	7 dams-------	14	8,341	5.7	474
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(2-4-1)	-544	-.4	-59
BILTMORE POET FINANCE 434951----------	6 daughters--	6	8,792	5.4	476
Born, 2-8-42; proved, 12-2-48; alive; Pa.	6 dams-------	13	8,483	5.1	432
Sire, 408731; dam, 990929.	Difference---	(3-5-6)	+309	+.3	+44
Herd Owner, Roy Robison & Son, Coal Center.					
BLONDE G. VICTOR 428670 *(Sept. 1948)----------	14 daughters-	22	8,060	5.2	419
Born, 8-18-41; proved, 12-17-48;----; Maine.	14 dams------	58	7,943	5.5	437
Sire, 389130; dam, 1268701.	Difference---	(6-2-5)	+117	-.3	-18
Herd Owner, John L. Merrill, Belgrade.					
BLONDE VOLUNTEER LAD NOBLE 430358----------	8 daughters--	10	7,957	5.5	435
Born, 9-29-41; proved, 12-2-48; dead; Mo.	5 daughters--	6	7,490	5.6	419
Sire, 368886; dam, 1015510.	5 dams-------	8	7,538	4.9	369
Herd Owner, Glen Grier, St. Joseph.	Difference---	(2-5-3)	-48	+.7	+50
CARLIN AGATHA FOX 413042----------	13 daughters-	18	7,053	5.3	373
Born, 1-11-39; proved, 12-29-48;----; Va.	8 daughters--	11	6,554	5.4	354
Sire, 357462; dam, 748177.	8 dams-------	18	7,888	5.2	410
Herd Owner, Bernard Inskeep, Rapidan.	Difference---	(2-6-2)	-1,334	+.2	-56
CEDAR CREST LEDA BOXER 472003----------	5 daughters--	5	10,738	5.2	560
Born, 1-17-43; proved, 12-28-48;----; Conn.	5 dams-------	18	9,697	4.9	471
Sire, 366015; dam, 991783.	Difference---	(3-3-5)	+1,041	+.3	+89
Herd Owner, W. C. & N. H. Tucker, West Cheshire.					
CORONATION CAVALIER 426314----------	5 daughters--	6	7,726	5.3	406
Born, 12-10-40; proved, 12-20-48;----; Maine.	5 dams-------	21	8,047	5.6	453
Sire, 402765; dam, 1156762.	Difference---	(2-1-1)	-321	-.3	-47
Herd Owner, John L. Merrill, Belgrade.					
DAUNTLESS BLYTH IMPROVER 417917----------	7 daughters--	11	6,777	4.9	335
Born, 6-14-40; proved, 12-17-48;----; Pa.	5 daughters--	8	6,399	5.0	322
Sire, 389437; dam, 891246.	5 dams-------	16	6,538	5.5	357
Herd Owner, H. A. Berry, Imperial.	Difference---	(3-1-1)	-139	-.5	-35
DICTATOR'S DESIGN 366252----------	20 daughters-	28	7,069	5.2	364
Born, 12-4-34; proved, 12-1-48; dead; Tenn.	13 daughters-	18	7,053	5.2	365
Sire, 351089; dam, 795210.	13 dams------	38	6,516	5.3	345
Herd Owner, J. W. Orr, Culleoka.	Difference---	(8-5-7)	+537	-.1	+20
DONNA'S NOBLE SOUVENIR 425624----------	6 daughters--	6	8,555	4.7	404
Born, 3-19-41; proved, 12-14-48;----; Tenn.	5 daughters--	5	8,442	4.8	403
Sire, 391183; dam, 1218732.	5 dams-------	8	7,459	5.3	394
Herd Owner, Lashbrook Farms, Louisville.	Difference---	(3-1-3)	+983	-.5	+9
FAMOUS ASHLEY DREAMER 434871----------	7 daughters--	11	7,319	5.8	424
Born, 12-5-41; proved, 12-17-48; dead; W. Va.	5 daughters--	8	7,128	5.8	416
Sire, 389486; dam, 1042254.	5 dams-------	10	7,859	5.7	451
Herd Owner, A. L. Sims, Weston.	Difference---	(1-3-1)	-731	+.1	-35
FARM CREST BABY JESTER 417574----------	6 daughters--	7	5,403	5.8	313
Born, 10-14-39; proved, 12-31-48;----; Mich.	6 dams-------	24	5,869	5.7	332
Sire, 376117; dam, 1007064.	Difference---	(2-3-3)	-466	+.1	-19
Herd Owner, U. D. McQuinn, Lapeer.					
FOREMOST COMBINATION 373083----------	5 daughters--	16	6,943	5.3	368
Born, 5-23-35; proved, 12-2-48; dead; Mich.	5 dams-------	20	9,390	4.9	456
Sire, 309246; dam, 689649.	Difference---	(0-5-1)	-2,447	+.4	-88
Herd Owner, Leo Veale & Son, Corunna.					
HILLACRES EVEN STEPHEN 440704----------	6 daughters--	7	6,613	6.2	411
Born, 12-17-41; proved, 12-14-48;----; Pa.	6 dams-------	36	7,253	6.0	435
Sire, 405243; dam, 923487.	Difference---	(2-4-3)	-640	+.2	-24
Herd Owner, Harlan S. Gatchell, Peach Bottom.					
HILL FARM ROYAL EMBLEM 419135----------	7 daughters--	10	5,235	5.5	289
Born, 12-28-40; proved, 12-29-48;----; Pa.	5 daughters--	6	4,945	5.7	283
Sire, 382593; dam, 1175411.	5 dams-------	12	5,713	4.9	282
Herd Owner, William Hauser, Millerton.	Difference---	(2-5-3)	-768	+.8	+1

JERSEY SIRES	[illegible]	Records averaged	Milk	[illegible]	[illegible]
	Number	Number	[illegible]	Percent	[illegible]
JOCK 435183----------	5 daughters-	6	7,241	[illegible]	388
Born, 8-26-41; proved, 12-15-48;----; Conn.	[illegible]	[illegible]	7,110	5.2	[illegible]
Sire, [illegible].	Difference---	(3-4-3)	[illegible]	+.2	+18
Herd Owner, Mrs. Raymond F. Whitney, Stepney Depot.					
LADY [illegible]	6 daughters--	8	[illegible]	[illegible]	[illegible]
Born, 1-19-41; proved, 12-2-48;----; Minn.	6 dams-------	18	7,264	5.7	[illegible]
Sire, 362744; dam, 1164440.	Difference---	(2-3-1)	-747	+.1	[illegible]
Herd Owner, Verner A. & R. A. Anderson, New York Mills.					
LAKELAND STANDARD VOL. [illegible]	18 daughters-	[illegible]	6,207	[illegible]	[illegible]
Born, 5-19-41; proved, 12-6-48; dead; Maine.	13 daughters-	16	6,253	[illegible]	[illegible]
Sire, 403258; dam, 1063857.	13 dams------	[illegible]	7,222	[illegible]	395
Herd Owner, John Laliberty & Sons, Gorham.	Difference---	(2-8-2)	[illegible]	.0	-49
LILAC REMUS PLAINSMAN 442476----------	8 daughters--	8	7,028	5.2	366
Born, 9-30-42; proved, 12-2-48;----; N. H.	7 daughters--	7	7,251	5.2	377
Sire, 328497; dam, 1027636.	7 dams------	17	6,513	5.6	[illegible]
Herd Owner, Far Hills Farm, Walpole.	Difference---	(6-2-4)	+738	-.4	+14
MAJESTY SUCCESS PEPPERCORN 389947----------	6 daughters--	10	8,158	5.2	425
Born, 4-22-37; proved, 12-1-48; dead; Mich.	5 daughters--	9	7,364	[illegible]	389
Sire, 356082; dam, [illegible].	5 dams-------	14	8,639	5.4	463
Herd Owner, George Mathews, Union City.	Difference---	(0-4-0)	[illegible]	-.1	-74
MARY VICTOR LAD 443557----------	11 daughters-	12	7,421	5.0	[illegible]
Born, 2-20-42; proved, 12-15-48;----; Va.	10 daughters-	11	[illegible]	[illegible]	375
Sire, 401925; dam, 1201713.	10 dams------	[illegible]	7,254	4.7	338
Herd Owner, Myrtle E. Coleman Estate, Paeonian Springs.	Difference---	(5-8-7)	+165	+.4	+37
OBSERVER DOUBLE PLAY 424774----------	[illegible] daughters--	11	5,335	5.2	[illegible]
Born, 4-6-41; proved, 12-17-48;----; Ind.	6 daughters--	8	4,960	5.1	251
Sire, 344610; dam, 1215868.	6 dams-------	10	7,301	4.6	[illegible]
Herd Owner, Roy Merkle, Claypool.	Difference---	(1-6-1)	-2,341	+.5	-83
OWL FERN PROSPECT 432329----------	7 daughters--	12	[illegible]	4.7	346
Born, 5-20-39; proved, 12-1-48;----; Mass.	5 daughters--	10	8,142	4.6	379
Sire, 362942; dam, 832976.	5 dams-------	17	8,571	4.9	424
Herd Owner, Coombs Brothers, Colrain.	Difference---	(2-1-2)	-429	-.3	-45
PINNACLE STANDARD AIM 441793----------	18 daughters-	21	8,076	[illegible]	429
Born, 8-15-42; proved, 12-1-48; alive; Mo.	16 daughters-	18	8,117	[illegible]	427
Sire, 93100 CJCC; dam, 1322495.	16 dams------	[illegible]	6,720	[illegible]	377
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(14-6-12)	+1,397	-.3	+50
RANDLEIGH VICTOR PRINCE 401923----------	5 daughters--	5	5,858	[illegible]	324
Born, 7-8-38; proved, 12-8-48; alive; Vt.	5 dams-------	[illegible]	8,823	5.2	456
Sire, 300736; dam, 773619.	Difference---	(0-4-0)	-2,965	+.3	-132
Herd Owner, Eliz M. Nichols, Brattleboro.					
RIVERGROVE OWL PRIDE 391723----------	10 daughters-	20	4,622	[illegible]	254
Born, 5-17-38; proved, 12-29-48;----; Iowa.	7 daughters--	[illegible]	4,528	[illegible]	249
Sire, 357742; dam, 1111528.	7 dams-------	20	5,627	[illegible]	300
Herd Owner, Oliver J. Shonkwiler, Estherville.	Difference---	(1-3-2)	-1,099	+.2	-51
ROCHETTE VALIANT WARRIOR 421280----------	6 daughters--	6	6,640	4.6	306
Born, 5-30-40; proved, 12-14-48;----; Ind.	5 daughters--	[illegible]	6,569	4.5	298
Sire, 366004; dam, 1017947.	5 dams-------	12	7,842	[illegible]	368
Herd Owner, Hugh David Mosser, Geneva.	Difference---	(1-2-2)	-1,273	-.2	-70
ROSE RALEIGH PRINCE 461827----------	6 daughters--	6	4,646	4.6	213
Born, 3-10-43; proved, 12-6-48;----; Vt.	5 daughters--	5	4,331	4.6	201
Sire, 413044; dam, 1107488.	5 dams-------	26	6,898	4.9	[illegible]
Herd Owner, Fred E. Allen, Bethel.	Difference---	(0-3-0)	-2,567	-.3	-135
ROYAL MARY'S DESIGN DREAMER 396925----------	10 daughters-	18	7,395	5.1	[illegible]
Born, 2-12-38; proved, 12-2-48;----; Mo.	9 daughters--	17	7,601	5.1	386
Sire, 354680; dam, 1042805.	9 dams-------	[illegible]	8,098	5.3	427
Herd Owner, Paul V. Slusher, Lexington.	Difference---	(3-3-3)	-497	-.2	-41
RUTH'S REMUS REX 436017----------	10 daughters-	14	6,932	5.5	[illegible]
Born, 8-27-41; proved, 12-13-48;----; Wash.	8 daughters--	11	6,902	5.5	379
Sire, 399169; dam, 1127611.	8 dams-------	12	7,642	4.9	374
Herd Owner, A. E. Wight, Clayton.	Difference---	(3-8-5)	-740	+.6	[illegible]
SAM COMBINATION 428870----------	11 daughters-	[illegible]	7,260	5.2	380
Born, 2-14-41; proved, 12-28-48;----; Mo.	[illegible] dams------	24	6,918	5.1	[illegible]
Sire, 379439; dam, 1084710.	Difference---	(7-8-6)	+342	+.1	+30
Herd Owner, Shroyer Brothers, Lexington.					
SIGNAL XENIA LAD 439746----------	11 daughters-	11	6,940	[illegible]	375
Born, 1-27-42; proved, 12-28-48;----; Mo.	8 daughters--	8	7,052	[illegible]	388
Sire, 398302; dam, 1134559.	8 dams-------	24	8,067	5.4	438
Herd Owner, E. C. Stevens, Sedalia.	Difference---	(1-4-1)	-1,015	+.1	-50

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
STORRS REMUS VICTOR 428437----------	7 daughters--	8	6,038	5.1	309
Born, 8-1-41; proved, 12-13-48;----; Conn.	7 dams-------	14	6,036	4.8	290
Sire, 400954; dam, 1186956.	Difference---	(4-6-5)	+2	+.3	+19
Herd Owner, Candlelight Farm, New Milford.					
TRISTRAM JOE 453850----------	13 daughters-	14	6,343	5.1	324
Born, 3-13-43; proved, 12-3-48;----; Vt.	11 daughters-	12	6,300	5.1	323
Sire, 356247; dam, 1229605.	11 dams------	38	6,647	5.2	344
Herd Owner, Glen A. Button, Chelsea.	Difference---	(4-5-3)	-347	-.1	-21
VOLXENIA FAIRY NOBLE 449058----------	6 daughters--	6	8,549	5.2	442
Born, 10-19-42; proved, 12-13-48;----; Maine.	5 daughters--	5	7,608	5.3	404
Sire, 411605; dam, 1189341.	5 dams-------	14	8,811	5.3	471
Herd Owner, Edwin Greeley, Morrill.	Difference---	(1-3-1)	-1,203	.0	-67
42-L8090 (DHIA EARTAG)----------	6 daughters--	6	8,041	5.5	441
Born, ----; proved, 12-28-48;----; Iowa.	5 daughters--	5	7,896	5.5	434
Sire, ----; dam, ----.	5 dams-------	10	8,364	4.8	403
Herd Owner, W. J. Minnich & Son, Conrad.	Difference---	(2-4-2)	-468	+.7	+31
93-F6550 (DHIA EARTAG) *----------	5 daughters--	8	8,396	5.4	457
Born, ----; proved, 8-31-48;----; Calif.	5 dams-------	15	8,165	5.1	420
Sire, ----; dam, ----.	Difference---	(4-3-4)	+231	+.3	+37
Herd Owner, H. W. Low Ranch, Hughson.					

RED DANE SIRES

51*D554 (EARTAG)----------	14 daughters-	20	8,535	4.3	363
Born, ----; proved, 12-29-48;----; Mich.	13 daughters-	19	8,570	4.2	362
Sire, ----; dam, ----.	13 dams------	49	8,199	4.0	325
Herd Owner, Harry Prowse, Marlette.	Difference---	(9-11-8)	+371	+.2	+37

SHORTHORN SIRES

BAIRD'S NATICK PRINCE 1905634----------	9 daughters--	15	6,626	3.8	251
Born, 9-5-37; proved, 12-28-48;----; Mich.	6 daughters--	10	6,769	3.7	253
Sire, 1731112; dam, 1731137.	6 dams-------	16	8,101	3.6	290
Herd Owner, George Baird, De Witt.	Difference---	(3-5-3)	-1,332	+.1	-37
BARTFORD PRINCE 2076806----------	6 daughters--	10	7,648	3.9	296
Born, 7-25-41; proved, 12-1-48;----; Kans.	5 daughters--	9	6,862	4.0	276
Sire, 1995367; dam, 1788071.	5 dams-------	20	8,323	3.9	326
Herd Owner, Leonard D. Sharp, Great Bend.	Difference---	(2-4-2)	-1,461	+.1	-50
BORG'S RED KING 2D 2034190----------	6 daughters--	9	9,046	4.1	368
Born, 12-12-40; proved, 12-14-48;----; Wis.	5 daughters--	8	9,017	4.0	362
Sire, 1935475; dam, 1863688.	5 dams-------	16	8,883	3.7	329
Herd Owner, L. J. Lycans, De Pere.	Difference---	(3-4-3)	+134	+.3	+33
BROOKLYN SERGEANT 1957272----------	6 daughters--	8	6,071	4.1	251
Born, 4-14-38; proved, 12-15-48;----; Iowa.	5 daughters--	6	6,299	4.1	260
Sire, 1758665; dam, 1809901.	5 dams-------	9	7,933	4.1	322
Herd Owner, Earl A. Kiess, Charles City.	Difference---	(2-3-2)	-1,634	.0	-62
DAIRYLOU CONQUEROR 1931064----------	10 daughters-	22	8,163	4.2	342
Born, 2-19-38; proved, 12-22-48;----; Va.	10 dams------	51	9,712	4.1	394
Sire, 1865683; dam, 1530448.	Difference---	(3-9-3)	-1,549	+.1	-52
Herd Owner, Dairylou Farms, Herndon.					
HOLLANDALE JUPITER 2036540----------	10 daughters-	18	8,859	4.0	356
Born, 8-18-40; proved, 12-14-48;----; Iowa.	5 daughters--	7	8,754	4.1	359
Sire, 1938540; dam, 1685714.	5 dams-------	7	8,312	4.0	334
Herd Owner, F. M. Huff, Dawson.	Difference---	(3-4-2)	+442	+.1	+25
MAID'S DUKE 2088761----------	6 daughters--	6	5,777	4.3	247
Born, 11-13-41; proved, 12-2-48;----; Kans.	6 dams-------	28	6,123	4.1	251
Sire, 1973261; dam, 1833187.	Difference---	(2-5-2)	-346	+.2	-4
Herd Owner, Harry H. Cotton, St. John.					
M R HILLTOP DON 1910044----------	5 daughters--	6	7,954	4.0	317
Born, 10-12-37; proved, 12-28-48;----, Iowa.	5 dams-------	14	6,923	3.7	256
Sire, 1860158; dam, 1788930.	Difference---	(3-4-4)	+1,031	+.3	+61
Herd Owner, Eubanks & Morse, Nashua.					
NERALCAM DANDY 1837026----------	6 daughters--	10	7,232	3.8	273
Born, 9-11-34; proved, 12-15-48;----; Minn.	6 dams-------	12	7,282	3.8	277
Sire, 1760596; dam, 1762020.	Difference---	(3-3-3)	-50	.0	-4
Herd Owner, George Schwartau, Cannon Falls.					

* This proving was erroneously credited to Reg. Jer. Rinda Volunteer 422494, listed on page 49 of the Sept. 1948 DHIA Newsletter.

SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
NERALCAM VICTOR 1947008	5 daughters--	7	9,225	4.1	377
Born, 5-22-38; proved, 12-15-48;----; Mo.	5 dams-------	13	7,218	4.0	288
Sire, 1940783; dam, 1582977.	Difference---	(4-4-4)	+2,007	+.1	+89
Herd Owner, Orval T. Williams, Wellington.					
NORTHLYND MELOMAT 2173382	5 daughters--	6	9,710	4.2	411
Born, 2-11-43; proved, 12-3-48;----; Mo.	5 dams-------	11	9,123	4.0	365
Sire, 214934 CHB; dam, 228205 CHB.	Difference---	(2-4-3)	+587	+.2	+46
Herd Owner, C. E. O'Neal, Nixa.					
QUEEN'S GENERAL 1956394	10 daughters-	13	6,970	3.7	259
Born, 10-1-38; proved, 12-17-48;----; Iowa.	8 daughters--	11	7,404	3.8	279
Sire, 1775351; dam, 1486161.	8 dams-------	22	7,608	3.7	282
Used in Eastern Iowa A. B. A., Inc.	Difference---	(4-4-3)	-204	+.1	-3
RIVERPARK ACHIEVER 2083601	5 daughters--	7	6,997	4.2	293
Born, 7-9-41; proved, 12-14-48; alive; Minn.	5 dams-------	16	6,793	3.8	261
Sire, 1878308; dam, 1693649.	Difference---	(2-4-2)	+204	+.4	+32
Herd Owner, Erwin R. Hinrichs, Red Wing.					
RIVERPARK BLADEN 2035187	8 daughters--	8	5,903	4.3	254
Born, 7-4-40; proved, 12-17-48; dead; Minn.	7 daughters--	7	6,251	4.3	269
Sire, 1818308; dam, 1841713.	7 dams-------	17	6,433	3.9	253
Herd Owner, Scofield Brothers, Lakeville.	Difference---	(2-6-4)	-182	+.4	+16
ROCKROSE CONQUEROR 3D 2049462	7 daughters--	11	9,343	4.0	372
Born, 11-5-40; proved, 12-14-48;----; Wash.	5 daughters--	7	9,261	4.0	367
Sire, 1862224; dam, 1796724.	5 dams-------	13	8,922	3.4	304
Herd Owner, W. M. Merritt, Harrah.	Difference---	(4-5-4)	+339	+.6	+63
TED OF WALCOTT VIEW 1980199	6 daughters--	9	9,051	4.1	369
Born, 7-15-39; proved, 12-28-48;----; Iowa.	5 daughters--	8	9,288	4.1	382
Sire, 1879883; dam, 1881597.	5 dams-------	17	7,054	3.8	265
Herd Owner, J. Curtis Frymoyer, Wilton Junction.	Difference---	(4-4-4)	+2,234	+.3	+117
WATERLOO EMPEROR 2D 2036203	9 daughters--	11	7,078	3.8	272
Born, 8-19-40; proved, 12-1-48; alive; Va.	7 daughters--	9	7,277	3.9	282
Sire, 1789623; dam, 1911275.	7 dams-------	18	8,440	3.8	317
Herd Owner, H. D. Newcomb, Greenwood.	Difference---	(2-4-2)	-1,163	+.1	-35

AMERICAN DAIRY CATTLE CLUB SIRES

HAYFIELD'S EMANCIPATOR 210	17 daughters-	26	8,257	4.6	382
Born, 11-10-39; proved, 12-3-48; dead; N. Y.	13 daughters-	20	7,816	4.7	366
Sire, 214348-G; dam, 216.	13 dams------	47	8,682	4.6	401
Herd Owner, T. E. Milliman, Churchville.	Difference---	(5-9-6)	-866	+.1	-35
MOUNT HOPE KING PHILIP 296	7 daughters--	7	8,172	4.0	325
Born, 1-21-42; proved, 12-14-48;----; Tenn.	5 daughters--	5	8,184	3.9	318
Sire, 825540-H; dam, 796.	5 dams-------	6	7,744	4.4	340
Herd Owner, Capt. Allan W. McComb, Maryville.	Difference---	(2-0-2)	+440	-.5	-22
MOUNT HOPE OTHELLO 287	8 daughters--	10	14,604	3.7	546
Born, 8-4-41; proved, 12-16-48; alive; N. Y.	6 daughters--	7	14,760	3.7	549
Sire, 825540-H; dam, 54.	6 dams-------	22	10,882	3.6	392
Herd Owner, Raymond Albrectsen, Ithaca.	Difference---	(6-5-6)	+3,878	+.1	+157
WINDY TOP EBENEZER 409	5 daughters--	5	11,466	4.1	476
Born, 8-7-42; proved, 12-13-48;----; N. Y.	5 dams-------	22	12,419	4.0	502
Sire, 187; dam, 2978.	Difference---	(0-4-2)	-953	+.1	-26
Herd Owner, Robert W. Ainsworth, Whitesville.					

GREEN GABLES NIPIGON 531
(This sire is also a registered Guernsey "Green Gables Nipigon 281475." Proved Sire data included in Guernsey listing.)

POPLAR POINT PEARL PATHFINDER 1101
(This sire is also a registered Holstein "Poplar Point Pearl Pathfinder 886524." Proved Sire data included in Holstein listing.

SIR ORMSBY CHIEFTAIN DIRECT 636
(This sire is also a registered Holstein "Sir Ormsby Chieftain Direct 870736." Proved Sire data included in Holstein listing.)

637.05
AN1
Cop. 1

IMPROVEMENT DAIRY HERD ASSOCIATIONS

TEST THE COWS — PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 25, No. 2

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February 1949

Dairy-Herd-Improvement Associations in the United States
Active January 1, 1949
(As reported by State Extension dairymen)

Dairy-herd-improvement-association work in the United States continued its postwar growth and reached an all-time peak during 1948. More associations were operating and more herds and cows were on test January 1, 1949, than ever before.

On January 1, 1949, there were 1,787 associations in operation, with 35,851 herds consisting of 943,939 cows on test. Compared with January 1, 1948, this represents an increase of 119, or 7.1 percent, in number of associations; an increase of 2,577, or 7.7 percent, in number of herds; and an increase of 57,810, or 6.5 percent, in number of cows on test.

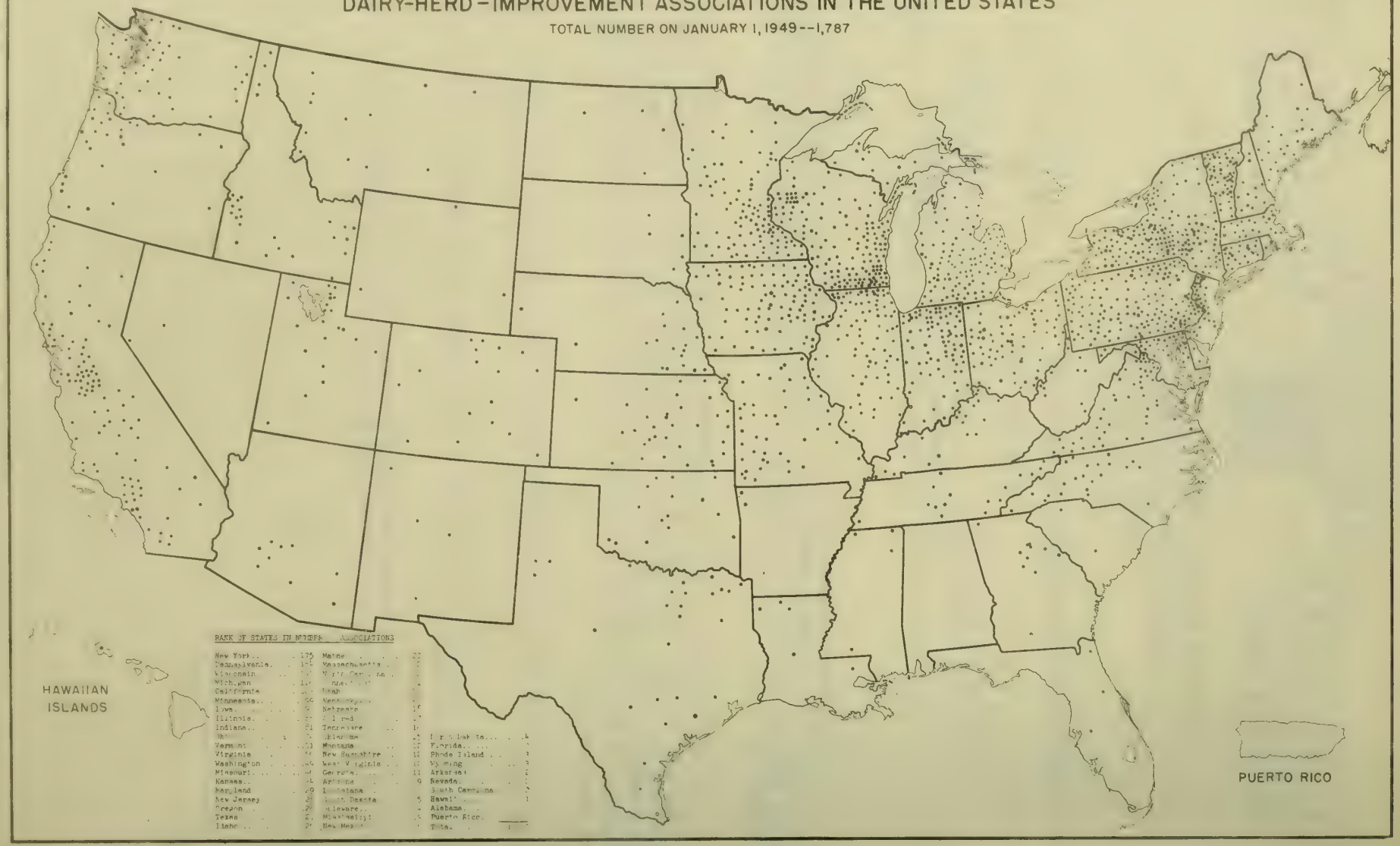
California, with 156,986 cows on test, which is 17.7 percent of the cows in the State, leads the States in number of cows being tested.

New York, with 3,667 herds on standard test, leads in number of herds being tested.

Data on the status of dairy-herd-improvement-association work by States are given on the following pages.

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES

TOTAL NUMBER ON JANUARY 1, 1949--1,787



U S DEPARTMENT OF AGRICULTURE

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES
(Active January 1, 1949)

State	Associations	Herds	Cows	Average per association		Milk cows in U. S. 1/	
				Herds	Cows	Total	in DHIA's
	Number	Number	Number	Number	Number	Thousands	Percent
Maine	22	421	8,617	19.1	392	126	6.8
N. H	12	237	6,313	19.8	526	71	8.9
Vt	51	936	27,828	18.4	546	293	9.5
Mass	22	408	12,977	18.5	590	129	10.1
R. I	3	48	1,709	16.0	570	22	7.8
Conn	21	405	12,278	19.3	585	117	10.5
N. Y	175	3,667	101,074	21.0	578	1,453	7.0
Pa	154	3,549	73,930	23.0	480	1,000	7.4
N. J	28	601	21,176	21.5	756	159	13.3
Md	29	603	17,835	20.8	615	234	7.6
Del	4	84	2,059	21.0	515	37	5.6
Va	50	853	34,063	17.1	681	478	7.1
W. Va	12	222	5,558	18.5	463	227	2.4
Ky	20	290	7,245	14.5	362	628	1.2
N. C	22	201	6,226	9.1	283	372	1.7
S. C	2	39	1,603	19.5	802	174	0.9
Ga	11	104	4,213	9.5	383	379	1.1
Fla	3	31	2,806	10.3	935	148	1.9
Ala	0	0	0	----	----	413	0
Miss	4	43	953	10.8	238	527	0.2
Tenn	16	229	6,610	14.3	413	621	1.1
La	5	46	2,133	9.2	427	318	0.7
Ark	2	38	535	19.0	268	427	0.1
Ohio	74	1,401	22,839	18.9	309	1,060	2.2
Ind	81	1,474	26,299	18.2	325	743	3.5
Ill	85	1,842	37,205	21.7	438	1,021	3.6
Mich	16	2,661	45,682	22.9	394	1,006	4.5
Wis	47	3,376	81,783	23.0	556	2,432	3.4
Minn	99	2,215	41,235	22.4	417	1,516	2.7
Iowa	93	2,125	36,037	22.8	387	1,194	3.0
Mo	46	853	16,737	18.5	364	956	1.8
N. Dak	4	65	1,244	16.2	311	417	0.3
S. Dak	5	69	1,298	13.8	260	379	0.3
Nebr	18	269	4,895	14.9	272	502	1.0
Kans	34	728	13,183	21.4	388	622	2.1
Okla	15	92	2,615	6.1	174	648	0.4
Tex	27	308	10,940	11.4	405	1,283	0.9
Mont	12	163	4,224	13.6	352	131	3.2
Idaho	26	561	8,808	21.6	339	227	3.9
Wyo	3	52	774	17.3	258	56	1.4
Nev	2	23	559	11.5	280	22	2.5
Utah	21	621	9,719	29.6	463	113	8.6
Colo	17	166	4,599	9.8	271	206	2.2
N. Mex	4	36	1,531	9.0	383	65	2.4
Ariz	9	179	10,179	19.9	1,131	46	22.1
Wash	49	1,054	28,731	21.5	586	329	8.7
Oreg	28	613	17,723	21.9	633	238	7.4
Calif	103	1,845	156,986	17.9	1,524	885	17.7
P. R	0	0	0	----	----	----	0
T. H	1	5	373	5.0	373	(2)	3.5
Total or average	1,787	35,851	943,939	20.1	528	24,450	3.9

1/ Estimated by the Bureau of Agricultural Economics; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1949.
2/ 10,562; estimated by the Economics Department, Universiry of Hawaii.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1906-30, inclusive) 1/

	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1927	1928	1929	1930
Mich 2/--	5	4	3	4	4	3	3	10	15	7	13	14	11	17	53	105	108	102	105	94	90
Maine 3/--	4	3	6	5	4	5	8	11	5	1	0	0	0	3	4	2	1	0	0	0	5
N.Y 4/---	1	3	9	18	21	29	35	47	43	19	25	28	24	31	27	24	28	36	42	54	51
Vt-------	2	8	10	11	17	28	33	38	47	18	12	18	17	21	20	17	23	23	25	23	23
Iowa-----	2	5	4	8	7	8	13	23	30	15	11	14	17	22	47	56	61	77	86	101	101
Calif----	1	3	2	4	4	5	7	9	15	16	14	18	21	21	27	20	30	35	32	32	33
Wis------	9	10	10	8	11	24	37	51	81	112	105	115	103	127	151	176	169	159	166	154	142
Nebr-----	1	0	0	0	3	2	3	4	4	2	2	0	0	1	4	2	6	10	17	23	28
Colo-----	--	1	1	2	1	1	0	0	3	5	5	5	4	6	6	7	6	5	9	14	15
Pa-------	--	1	1	2	2	7	14	19	24	21	35	64	46	45	36	42	43	49	65	76	88
Ohio-----	--	1	0	0	1	4	5	20	30	24	24	41	35	36	36	21	25	28	29	39	38
Wash-----	--	1	3	1	0	0	1	12	18	11	9	6	10	10	11	10	8	11	10	12	15
Md-------	--	--	1	3	3	2	4	7	8	4	2	6	7	6	4	9	10	8	7	8	9
Ill------	--	--	4	3	2	7	3	3	17	15	27	23	25	24	23	24	26	30	34	51	59
Minn-----	--	--	3	7	10	9	11	22	26	23	21	19	23	37	55	88	84	85	105	117	120
N.H------	--	--	1	1	1	4	8	11	12	8	9	10	10	11	10	5	4	2	4	7	7
Oreg-----	--	--	1	1	1	7	11	15	17	11	6	9	5	5	4	7	8	9	11	14	14
Utah-----	--	--	1	0	0	1	1	0	1	1	0	1	1	1	4	5	4	5	5	5	8
Mass-----	--	--	2	2	2	3	0	4	4	0	0	1	5	6	6	3	6	7	9	11	11
Va-------	--	--	2	2	2	0	0	2	4	4	5	8	10	12	13	15	18	18	20	20	20
Kans-----	--	--	--	--	1	1	1	1	4	3	15	13	13	13	9	8	11	13	14	20	22
Ind------	--	--	--	--	2	2	3	7	9	7	10	5	10	5	10	17	25	31	34	41	51
Ky-------	--	--	--	--	1	1	0	1	1	0	0	5	5	2	3	2	0	2	(5)	8	12
Mo-------	--	--	--	--	--	2	1	2	5	4	5	6	7	11	12	13	19	21	25	34	36
N.J------	--	--	--	--	--	2	3	4	8	9	9	12	8	6	6	6	9	11	17	18	16
W.Va-----	--	--	--	--	--	1	1	3	1	1	1	3	5	5	6	3	3	3	4	6	7
Conn------	--	--	--	--	--	1	3	6	3	0	0	1	0	2	1	1	2	4	5	3	4
N.C------	--	--	--	--	--	2	0	0	0	0	0	2	2	0	0	2	5	5	5	8	7
La-------	--	--	--	--	--	1	0	0	0	0	0	1	0	0	0	0	0	1	2	2	2
S.Dak----	--	--	--	--	--	1	1	3	3	0	0	0	0	0	4	11	9	10	8	14	12
Nev------	--	--	--	--	--	--	1	0	1	0	0	0	1	1	4	3	1	3	0	1	0
Ariz-----	--	--	--	--	--	--	--	2	2	1	0	0	2	1	1	2	1	1	2	3	4
R.I------	--	--	--	--	--	--	--	2	2	0	0	4	4	4	3	0	0	0	0	1	1
Del------	--	--	--	--	--	--	--	2	3	2	2	1	0	0	0	0	0	0	0	1	1
Idaho----	--	--	--	--	--	--	--	2	1	1	4	5	6	4	8	8	8	9	12	13	13
Miss-----	--	--	--	--	--	--	--	1	0	0	0	0	3	2	1	1	2	0	1	1	2
Mont-----	--	--	--	--	--	--	--	1	2	0	0	0	0	0	2	4	5	7	7	8	9
Tenn-----	--	--	--	--	--	--	--	1	8	4	6	3	3	4	2	2	2	2	3	7	10
N.Mex----	--	--	--	--	--	--	--	--	1	0	0	0	1	1	1	0	1	1	2	2	1
Wyo------	--	--	--	--	--	--	--	--	1	0	1	0	0	0	0	1	0	0	0	1	1
Ala------	--	--	--	--	--	--	--	--	--	2	1	3	1	1	0	0	0	1	3	4	7
Ga-------	--	--	--	--	--	--	--	--	--	1	0	0	0	0	0	0	0	1	1	2	1
N.Dak-----	--	--	--	--	--	--	--	--	--	1	1	1	2	6	8	5	3	6	4	7	9
Okla-----	--	--	--	--	--	--	--	--	--	--	1	1	2	1	3	5	5	5	12	22	25
S.C------	--	--	--	--	--	--	--	--	--	--	1	1	1	0	0	0	0	0	0	1	3
Tex------	--	--	--	--	--	--	--	--	--	--	3	0	0	0	0	0	0	1	3	6	7
Ark------	--	--	--	--	--	--	--	--	--	--	--	1	2	2	2	0	0	0	2	(5)	1
Fla------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	2
P.R------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total--	25	40	64	82	100	163	211	346	456	353	385	468	452	513	627	732	777	837	947	1,090	1,143

1/ Up to and including 1923, data were collected on July 1. Beginning with 1924, reports were made by calendar years. Since 1925, data are as of January 1.
2/ Had 1 association in 1906; 4 in 1907; 2 in 1908.
3/ Had 3 associations in 1908.
4/ Had 1 association in 1908.
5/ No report.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1931-49 inclusive) 1/

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Mich-----	88	69	58	51	46	51	62	69	77	85	89	92	59	61	63	71	93	114	116
Maine----	5	5	4	3	3	7	11	12	13	13	13	13	2	13	15	16	21	24	22
N.Y------	69	79	74	69	81	96	105	115	129	134	137	137	101	100	95	115	132	161	175
Vt-------	28	29	26	27	27	30	36	35	35	39	41	46	38	29	22	30	27	36	51
Iowa-----	100	82	60	53	52	54	54	59	66	69	73	78	57	54	45	55	70	87	93
Calif----	31	62	60	52	52	56	59	60	65	64	69	72	60	64	70	78	90	105	103
Wis------	131	96	78	69	94	95	124	140	154	160	166	178	110	74	68	112	133	141	147
Nebr-----	29	26	20	17	14	16	18	16	15	15	17	16	14	11	9	10	10	15	18
Colo-----	15	15	15	11	11	9	11	11	13	12	12	12	12	12	15	13	18	21	17
Pa-------	88	85	86	83	84	86	91	97	102	107	114	122	118	119	118	117	136	145	154
Ohio-----	37	36	31	30	27	32	38	47	54	59	60	63	35	25	35	57	71	71	74
Wash-----	12	15	13	10	10	11	10	12	13	13	16	16	16	15	16	31	36	47	49
Md-------	13	11	9	11	10	10	14	12	13	14	16	16	8	14	17	21	21	26	29
Ill------	62	57	53	52	57	63	59	67	72	78	85	87	72	56	58	63	79	82	85
Minn-----	96	69	45	36	30	30	35	47	53	56	58	59	42	35	33	42	85	99	99
N.H------	8	9	9	9	9	9	9	9	9	9	9	9	9	8	9	11	10	11	12
Oreg-----	16	16	14	10	9	10	17	16	20	21	24	24	10	6	6	12	22	19	28
Utah-----	6	7	1	1	1	2	4	6	9	9	14	14	11	12	12	12	16	18	21
Mass-----	13	13	14	11	11	13	13	13	17	18	18	18	10	8	7	6	14	17	22
Va-------	20	25	28	25	23	23	24	28	31	31	35	38	32	28	34	37	44	47	50
Kans-----	25	18	17	14	13	15	14	13	16	18	20	21	19	15	17	20	21	30	34
Ind------	37	32	30	30	33	30	37	44	53	59	63	63	46	36	39	49	61	75	81
Ky-------	12	8	6	6	6	7	7	14	13	15	14	15	11	13	11	11	18	21	20
Mo-------	34	28	29	24	19	21	23	21	22	23	25	27	23	26	24	28	33	37	46
N.J------	15	17	16	17	18	19	21	23	25	26	27	30	25	22	23	23	26	27	28
W.Va-----	9	6	5	6	6	6	6	7	7	7	8	8	8	8	9	10	12	13	12
Conn-----	4	2	2	2	8	13	15	15	18	19	20	21	16	16	16	16	18	18	21
N.C------	7	8	9	7	6	6	8	8	10	11	11	12	9	8	7	6	15	23	22
La-------	3	2	6	5	4	11	7	3	3	4	5	4	4	1	1	1	4	5	5
S.Dak----	12	7	4	4	3	2	2	2	4	6	7	7	4	3	3	1	3	5	5
Nev------	0	0	0	0	0	1	0	2	2	2	3	4	4	1	2	3	3	3	2
Ariz-----	3	2	2	2	2	2	2	2	4	4	4	4	3	4	6	4	5	7	9
R. I-----	1	2	2	3	3	3	3	4	4	4	4	3	3	1	1	1	1	2	3
Del------	1	1	1	1	1	1	1	1	1	3	3	3	1	1	3	3	4	4	4
Idaho----	12	10	5	4	4	5	7	7	8	7	10	13	9	6	9	11	14	21	26
Miss-----	3	3	2	1	0	0	0	6	5	7	7	4	2	0	0	0	6	4	4
Mont-----	9	8	6	4	4	4	5	5	8	8	7	8	4	4	5	5	8	12	12
Tenn-----	10	8	8	6	4	3	6	13	15	16	16	15	15	13	5	6	10	14	16
N.Mex----	1	1	1	1	1	1	1	1	1	1	2	2	3	1	1	1	3	4	4
Wyo------	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	6	0	3
Ala------	6	4	3	2	1	0	3	5	6	5	5	1	1	1	1	1	(2)	0	0
Ga-------	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	2	4	9	11
N.Dak----	9	5	7	5	4	2	2	2	2	2	3	4	7	5	1	2	0	3	4
Okla-----	21	20	15	15	12	13	11	12	10	12	12	11	9	9	6	2	7	17	15
S.C------	2	0	1	1	1	1	3	4	5	5	5	5	0	0	0	0	0	2	2
Tex------	5	5	3	2	3	5	9	12	14	14	20	15	6	7	5	3	13	23	27
Ark------	3	(2)	1	0	0	0	2	1	4	4	4	4	2	2	(2)	0	0	0	2
Fla------	0	0	0	0	0	0	0	2	3	4	6	4	3	3	4	3	(2)	3	3
P.R------	--	--	--	--	--	--	1	1	1	4	1	(2)	(2)	1	1	1	1	0	0
Hawaii---	--	--	--	--	--	--	--	1	1	1	2	(2)	1	1	1	2	2	(2)	1
Total-	1,112	1,005	881	793	809	876	992	1,106	1,228	1,300	1,383	1,421	1,057	954	949	1,124	1,426	1,668	1,787

1/ Data are as of January 1.
2/ No report.

RELATIVE POSITION OF THE STATES WHEN THE NUMBER OF HERDS ON TEST IS COMPARED WITH THE NUMBER OF HERDS OF 15 COWS OR MORE, ON A PERCENTAGE BASIS, 1943-49

States in which the number of DHIA herds equals 20% or more of the number of herds having 15 cows or more

1943	1944	1945	1946	1947	1948	1949
Utah----- 91.6	Utah----- 77.4	Utah----- 67.1	Utah----- 58.2	Utah----- 68.7	Utah----- 84.8	Utah----- 88.1
Ind------ 24.7	Pa------- 21.1	Maine---- 24.7	Maine---- 28.5	Maine---- 33.8	Mich----- 35.2	Va------- 37.9
Va------- 22.3	Maine---- 20.9	Va------- 22.6	Va------- 26.7	Va------- 32.8	Va------- 34.5	Mich----- 36.2
N. H----- 20.7	Va------- 20.1	Pa------- 21.1	Ind------ 23.3	Mich----- 29.9	Maine---- 33.9	Ind------ 35.6
Pa------- 20.6			Mich----- 22.8	Ind------ 27.3	Ind------ 33.2	Idaho---- 34.4
			Pa------- 21.3	W. Va---- 26.0	Idaho---- 29.1	Maine---- 31.9
				Pa------- 22.8	W. Va---- 27.8	Ariz----- 30.3
					Pa------- 25.4	Pa------- 27.7
					Ariz----- 23.4	W. Va---- 25.7
					Wash----- 22.1	Wash----- 23.4
						Kans----- 22.1
						Mo------- 21.7
						Ohio----- 20.2

States in which the number of DHIA herds equals 15% to 19.9% of the number of herds having 15 cows or more

Mich---- 18.7	N. H.---- 18.2	Mich----- 19.5	W. Va---- 19.6	Idaho---- 18.8	Kans----- 19.9	Oreg----- 19.0
W. Va---- 16.8	Ind------ 18.2	Ind------ 18.5	Ariz----- 17.4	Ohio----- 18.8	Mont----- 19.5	N. H----- 18.6
N. J----- 16.7	Mich----- 17.5	Ariz----- 17.8	N. J----- 15.6	Wash----- 18.3	Ohio----- 18.7	Md------- 18.3
Idaho---- 16.3	Ariz----- 17.4	Calif---- 15.7	Wash----- 15.5	Ariz----- 17.8	N. J----- 17.4	N. J----- 18.2
Ill------ 15.2		W. Va---- 15.7	Idaho---- 15.0	Oreg----- 17.5	Oreg----- 17.4	N. C----- 18.2
		N. H----- 15.2		N. J----- 17.0	Mo------- 17.2	Ill------ 17.8
				Ill------ 17.0	Ill------ 17.1	Calif---- 17.0
				Del------ 16.9	Del------ 16.7	Del------ 16.9
				N. H----- 16.1	N. H----- 16.5	Mont----- 16.7
					Md------- 16.5	Conn------16.1
					N. C----- 16.4	Iowa----- 16.1
					Calif---- 16.3	
					Iowa----- 15.4	

States in which the number of DHIA herds equals 10% to 14.9% of the number of herds having 15 cows or more

Conn----- 14.3	Calif---- 14.6	N. J----- 14.5	Del------ 14.3	Calif---- 14.4	Ky------- 14.2	Ky------- 14.1
Calif---- 13.9	N. J----- 14.4	Wash----- 13.8	N. H----- 14.1	Mo------- 14.3	Conn----- 13.7	Mass----- 14.1
Kans----- 13.4	W. Va---- 14.4	Kans----- 13.7	Kans----- 13.9	Md------- 13.8	Mass----- 11.9	Vt------- 12.6
Iowa----- 13.0	Ill------ 12.5	Idaho---- 13.6	Ohio----- 13.8	Mont----- 13.7	Colo----- 10.5	Nebr----- 10.8
Ohio----- 12.3	Wash----- 12.4	Del------ 13.5	Conn----- 13.6	Conn----- 13.1	Nev------ 10.1	N. Y----- 10.8
N. C----- 12.2	Conn----- 12.0	Ohio----- 12.5	Ill------ 13.4	Kans----- 12.8		
Wash------11.9	N. C----- 11.9	Ill------ 12.4	Md------- 12.9	N. C----- 12.8		
Vt------- 11.8	Kans----- 11.6	Conn----- 12.2	Oreg----- 12.6	Iowa----- 12.2		
Ariz----- 11.5		Md------- 11.2	Calif---- 12.4	Ky------- 11.1		
Mo------- 10.3			Mo------- 10.8	Nev------ 10.7		
R. I----- 10.2			Nev------ 10.4			
			Mont----- 10.2			

States in which the number of DHIA herds equals 5% to 9.9% of the number of herds having 15 cows or more

Mass------ 9.9	Iowa------ 9.9	Mo-------- 9.4	Iowa------ 9.8	Mass------ 9.6	Nebr------ 9.9	R. I------ 9.8
Nev------- 8.9	Mo-------- 9.9	N. C------ 9.4	Vt-------- 8.7	Colo------ 8.9	N. Mex---- 9.8	Colo------ 9.4
Oreg------ 8.8	Idaho----- 9.9	Iowa------ 8.4	N. C------ 7.1	N. Mex---- 8.9	N. Y------ 9.3	Minn------ 9.2
Maine----- 8.0	Ohio------ 9.0	Mont------ 7.5	N. Y------ 6.8	Minn------ 8.3	Minn------ 9.2	Wyo------- 9.0
Ky-------- 7.8	Md-------- 8.9	Colo------ 7.4	Colo------ 6.2	N. Y------ 7.8	Vt-------- 9.0	N. Mex---- 8.4
N. Mex---- 7.0	Ky-------- 8.4	Nev------- 6.7	Wis------- 5.1	Vt-------- 7.7	S. C------ 8.9	Ga-------- 8.2
N. Y------ 6.7	Vt-------- 8.1	Vt-------- 6.5		Wyo------- 6.6	R. I------ 7.4	S. C------ 8.1
Colo------ 6.2	Mass------ 7.5	Ky-------- 6.3		Wis------- 5.8	Tenn------ 7.0	Tenn------ 7.5
Tenn------ 6.1	Colo------ 7.0	N. Y------ 6.0			Wis------- 6.3	Nev------- 7.0
Wis------- 5.6	N. Y------ 6.3	Oreg------ 5.2			Ga-------- 6.3	Wis------- 6.4
Nebr------ 5.6	Del------- 5.2					
Del------- 5.4						

States in which the number of DHIA herds equals less than 5% of the number of herds having 15 cows or more

Mont------ 4.7	Mont------ 4.9	Mass------ 4.7	Ky-------- 4.9	Tenn------ 4.2	Tex------- 4.6	Tex------- 4.8
Md-------- 4.5	Oreg------ 4.5	Wis------- 4.4	Mass------- 4.9	Nebr------ 4.0	La-------- 3.8	Fla------- 4.5
Minn------ 4.4	Tenn------ 4.3	R. I------ 3.7	Minn------ 4.3	Ga-------- 3.9	S. Dak---- 3.3	Ark------- 4.1
La-------- 3.4	Wis------- 3.7	Minn------- 3.3	R. I------ 3.3	R. I------ 3.5	Fla------- 3.1	La-------- 3.3
N. Dak---- 2.7	Nebr------ 3.5	Fla-------- 3.1	Nebr------ 3.0	Miss------ 3.0	Okla------ 3.0	Okla------ 2.9
Wyo-------- 2.6	Minn------ 3.4	Nebr------- 2.2	Tenn------ 2.4	S. Dak---- 2.8	Miss------ 1.9	S. Dak---- 2.7
S. Dak---- 2.3	Nev------- 3.1	Tenn------ 1.9	N. Mex---- 1.9	La-------- 2.7	N. Dak---- 1.8	Miss------ 2.0
Ala------- 1.9	R. I------ 3.1	S. Dak---- 1.8	Ga-------- 1.5	Tex------- 2.3		N. Dak---- 2.0
Miss------ 1.6	Wyo------- 2.1	La-------- 1.8	Fla------- 1.2	Okla------ 2.3	Ark------- 0	Ala------- 0
Okla------ 1.5	La-------- 2.0	Okla------ 1.5	Ala------- 1.1	Ark------- 0	Ala------- 0	
Tex------- 1.3	Tex------- 1.7	Ga-------- 1.3	N. Dak---- .9	N. Dak---- 0	Wyo------- 0	
Ga-------- 1.2	Okla------ 1.7	Ala------- 1.0	Tex------- .7	S. C------ 0		
Ark------- 0	S. Dak---- 1.7	Tex------- 1.0	La-------- .6	Ala------- (1)		
Fla------- 0	Ark------- 1.4	N. Mex---- .7	Okla------ .4	Fla------- (1)		
S. C------ 0	Ga-------- 1.3	N. Dak---- .2	S. Dak---- .2			
	N. Dak---- 1.2	Ark------- 0	Ark------- 0			
	Ala------- 1.0	Miss------ 0	Miss------ 0			
	N. Mex---- .9	S. C------ 0	S. C------ 0			
	Fla------- 0	Wyo------- 0	Wyo------- 0			
	Miss------ 0					
	S. C.----- 0					

1/No report.

GROWTH OF DAIRY-HERD-IMPROVEMENT-ASSOCIATION WORK IN THE UNITED STATES
(1906-49 inclusive)

Year	Associations	Herds on test	Cows on test	Average production of cows on test		
				Milk	Test	Butterfat
	Number	Number	Number	Pounds	Percent	Pounds
1906--------	1	31	239	-----	------	215
1907--------	4	------	1,606	-----	-----	220
1908--------	6	------	3,921	-----	-----	-----
1909--------	25	------	11,921	-----	-----	-----
1910--------	40	------	1/ 25,000	-----	-----	-----
1911--------	64	------	1/ 40,000	-----	-----	-----
1912--------	82	------	1/ 43,000	-----	-----	-----
1913--------	100	------	47,150	-----	-----	-----
1914--------	163	------	73,280	-----	-----	-----
1915--------	211	------	105,526	-----	-----	-----
1916--------	346	------	150,677	-----	-----	-----
1917--------	459	11,720	216,831	------	-----	-----
1918--------	353	9,778	172,518	-----	-----	-----
1919--------	385	10,000	167,313	-----	-----	-----
1920--------	468	11,948	203,472	-----	-----	247
1921--------	452	11,209	193,928	-----	-----	-----
1922--------	513	12,508	215,321	-----	-----	-----
1923--------	627	16,356	277,010	-----	-----	-----
1924 2/-----	-----	------	-------	-----	-----	-----
1925--------	732	18,677	307,073	-----	-----	284
1926--------	777	19,540	327,653	7,331	4.0	290
1927--------	837	21,128	362,014	7,411	4.0	293
1928--------	947	23,327	414,891	7,476	4.0	296
1929--------	1,090	26,182	465,804	7,498	4.0	298
1930--------	1,143	27,888	507,549	7,642	4.0	303
1931--------	1,112	26,308	510,714	7,812	3.9	306
1932--------	1,005	20,351	427,044	7,858	3.9	310
1933--------	881	15,447	358,501	7,849	4.0	313
1934--------	793	13,694	325,837	8,015	4.0	322
1935--------	809	15,573	364,218	7,977	4.0	322
1936--------	876	17,344	404,412	7,912	4.0	319
1937--------	992	20,772	496,562	7,923	4.0	320
1938--------	1,106	23,701	558,993	7,831	4.0	317
1939--------	1,228	25,949	625,284	7,977	4.1	323
1940--------	1,300	27,948	676,141	8,133	4.1	331
1941--------	1,383	31,381	763,502	8,225	4.1	335
1942--------	1,421	32,957	816,117	8,323	4.1	339
1943--------	1,057	24,155	616,972	8,325	4.1	338
1944--------	954	20,825	561,587	8,296	4.1	336
1945--------	949	21,254	577,200	8,592	4.0	346
1946--------	1,124	23,331	627,878	8,635	4.0	349
1947--------	1,426	28,812	775,546	8,638	4.0	348
1948--------	1,668	33,274	886,129	-----	-----	-----
1949--------	1,787	35,851	943,939	-----	-----	-----

1/ Estimated
2/ Date for collecting data changed in 1924 from July 1 to January 1.

HERDS ON TEST JAN. 1, 1949, COMPARED WITH HERDS ON TEST JAN. 1, 1948, BY STATES

State	Herds on test Jan. 1 1948	Herds on test Jan. 1 1949	Increase (+) or decrease (-)	
	Number	Number	Number	Percent
Fla	21	31	+ 10	+47.6
Vt	673	936	+263	+39.1
R. I	36	48	+ 12	+33.3
Ga	80	104	+ 24	+30.0
Ariz	138	179	+ 41	+29.7
Mo	676	853	+177	+26.2
Mass	344	408	+ 64	+18.6
Idaho	475	561	+ 86	+18.1
Conn	345	405	+ 60	+17.4
N. Y	3,161	3,667	+506	+16.0
N. H	210	237	+ 27	+12.9
N. Dak	58	65	+ 7	+12.1
Kans	655	728	+ 73	+11.1
N. C	181	201	+ 20	+11.0
Md	546	603	+ 57	+10.4
Va	778	853	+ 75	+ 9.6
Oreg	561	613	+ 52	+ 9.3
Pa	3,251	3,549	+298	+ 9.2
Nebr	247	269	+ 22	+ 8.9
Ohio	1,297	1,401	+104	+ 8.0
Tenn	213	229	+ 16	+ 7.5
Ind	1,375	1,474	+ 99	+ 7.2
Wash	993	1,054	+ 61	+ 6.1
Miss	41	43	+ 2	+ 4.9
Calif	1,765	1,845	+ 80	+ 4.5
Iowa	2,033	2,125	+ 92	+ 4.5
Ill	1,765	1,842	+ 77	+ 4.4
Tex	295	308	+ 13	+ 4.4
N. J	576	601	+ 25	+ 4.3
Utah	598	621	+ 23	+ 3.8
Mich	2,584	2,661	+ 77	+ 3.0
Wis	3,317	3,376	+ 59	+ 1.8
Del	83	84	+ 1	+ 1.2
Minn	2,197	2,215	+ 18	+ 0.8
Ark	0	38	+ 38	-----
T. H	(1)	5	+ 5	-----
Wyo	0	52	+ 52	-----
Ala	0	0	0	0
P. R	0	0	0	0
Ky	293	290	- 3	- 1.0
Okla	96	92	- 4	- 4.2
Maine	447	421	- 26	- 5.8
W. Va	240	222	- 18	- 7.5
S. C	43	39	- 4	- 9.3
Colo	185	166	- 19	-10.3
La	53	46	- 7	-13.2
N. Mex	42	36	- 6	-14.3
Mont	191	163	- 28	-14.7
S. Dak	83	69	- 14	-16.9
Nev	33	23	- 10	-30.3
Total	33,274	35,851	+2,577	+ 7.7

1/ No report.

RELATIVE POSITION OF STATES ACCORDING TO DHIA HERDS ON TEST

1947		1948		1949	
State	Number	State	Number	State	Number
Wis	3,058	Wis	3,317	N. Y	3,667
Pa	2,925	Pa	3,251	Pa	3,549
N. Y	2,628	N. Y	3,161	Wis	3,376
Mich	2,200	Mich	2,584	Mich	2,661
Minn	2,002	Minn	2,197	Minn	2,215
Ill	1,761	Iowa	2,033	Iowa	2,125
Iowa	1,610	Calif	1,765	Calif	1,845
Calif	1,555	Ill	1,765	Ill	1,842
Ohio	1,303	Ind	1,375	Ind	1,474
Ind	1,133	Ohio	1,297	Ohio	1,401
Wash	824	Wash	993	Wash	1,054
Va	738	Va	778	Vt	936
Vt	571	Mo	676	Mo	853
Oreg	566	Vt	673	Va	853
Mo	562	Kans	655	Kans	728
N. J	561	Utah	598	Utah	621
Utah	484	N. J	576	Oreg	613
Md	454	Oreg	561	Md	603
Maine	446	Md	546	N. J	601
Kans	420	Idaho	475	Idaho	561
Conn	329	Maine	447	Maine	421
Idaho	307	Conn	345	Mass	408
Mass	276	Mass	344	Conn	405
Ky	229	Tex	295	Tex	308
W. Va	225	Ky	293	Ky	290
N. H	205	Nebr	247	Nebr	269
Colo	157	W. Va	240	N. H	237
Tex	146	Tenn	213	Tenn	229
N. C	141	N. H	210	W. Va	222
Mont	134	Mont	191	N. C	201
Tenn	130	Colo	185	Ariz	179
Ariz	105	N. C	181	Colo	166
Nebr	100	Ariz	138	Mont	163
Del	84	Okla	96	Ga	104
Okla	75	Del	83	Okla	92
S. Dak	70	S. Dak	83	Del	84
Miss	63	Ga	80	S. Dak	69
Ga	50	N. Dak	58	N. Dak	65
La	38	La	53	Wyo	52
Wyo	38	S. C	43	R. I	48
N. Mex	38	N. Mex	42	La	46
Nev	35	Miss	41	Miss	43
R. I	17	R. I	36	S. C	39
P. R	14	Nev	33	Ark	38
T. H	5	Fla	21	N. Mex	36
Ala	(1)	T. H	(1)	Fla	31
Fla	(1)	Ala	0	Nev	23
Ark	0	Ark	0	T. H	5
N. Dak	0	P. R	0	Ala	0
S. C	0	Wyo	0	P. R	0
U. S	28,812		33,274		35,851

1/ No report.

HERDS ON TEST IN DHIA'S COMPARED WITH HERDS OF 15 COWS OR MORE, BY STATES

State	Herds of 15 cows or more (1940 census)	DHIA herds on test Jan. 1,1949	Relation of DHIA herds to herds of 15 cows or more	Herds needed for DHIA herds to equal 25% of herds of 15 cows or more
	Number	Number	Percent	Number
Utah------	705	621	88.1	0
Va--------	2,252	853	37.9	0
Mich------	7,346	2,661	36.2	0
Ind-------	4,145	1,474	35.6	0
Idaho-----	1,631	561	34.4	0
Maine-----	1,318	421	31.9	0
Ariz------	591	179	30.3	0
Pa--------	12,821	3,549	27.7	0
W. Va-----	864	222	25.7	0
Wash------	4,495	1,054	23.4	70
Kans------	3,288	728	22.1	94
Mo--------	3,937	853	21.7	131
Ohio------	6,919	1,401	20.2	329
Oreg------	3,229	613	19.0	194
N. H------	1,271	237	18.6	81
Md--------	3,300	603	18.3	222
N. J------	3,309	601	18.2	226
N. C------	1,105	201	18.2	75
Ill-------	10,341	1,842	17.8	743
Calif-----	10,822	1,845	17.0	861
Del-------	497	84	16.9	40
Mont------	978	163	16.7	81
Conn------	2,514	405	16.1	223
Iowa------	13,170	2,125	16.1	1,167
Ky--------	2,058	290	14.1	224
Mass------	2,890	408	14.1	314
Vt--------	7,443	936	12.6	925
Nebr------	2,484	269	10.8	352
N. Y------	33,887	3,667	10.8	4,805
R. I------	488	48	9.8	74
Colo------	1,757	166	9.4	273
Minn------	24,001	2,215	9.2	3,785
Wyo-------	578	52	9.0	92
N. Mex----	429	36	8.4	71
Ga--------	1,267	104	8.2	213
S. C------	483	39	8.1	82
Tenn------	3,062	229	7.5	537
Nev-------	327	23	7.0	59
Wis-------	52,836	3,376	6.4	9,833
Tex-------	6,439	308	4.8	1,302
Fla-------	682	31	4.5	139
Ark-------	934	38	4.1	196
La--------	1,408	46	3.3	306
Okla------	3,205	92	2.9	709
S. Dak----	2,534	69	2.7	565
Miss------	2,111	43	2.0	485
N. Dak----	3,313	65	2.[illegible]	765
Ala-------	935	0	0	234
T. H------	----	[illegible]	----	----
P. R------	----	0	0	0
U. S----	256,399	35,851		25,349

OFFICIALS IN CHARGE OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE STATES

ALA------ J. R. Parrish, Ext. Service, School of Agr., Auburn.
ARIZ----- W. R. Van Sant, Ext. Service, College of Agr., Tucson.
ARK------ A. Leon Holly, Ext. Dairyman, College of Agr., Fayetteville.
CALIF---- G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
COLO----- H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
CONN----- Henry M. Hansen, Ext. Service, College of Agr., Storrs.
DEL------ D. J. Young, Ext. Service, University of Delaware, Newark.
FLA------ C. W. Reaves, Ext. Service, College of Agr., Gainesville.
GA------- Bruce Hamilton, Ext. Service, College of Agr., Athens.
HAWAII--- Harvey M. Vollrath, Spec. in An. Husb., University of Hawaii, P.O. Box 18, Honolulu 10.
IDAHO---- G. C. Anderson, Ext. Division, College of Agr., Boise.
ILL------ C. S. Rhode, Ext. Service, College of Agr., Urbana.
IND------ G. A. Williams, Dept. of Agr. Ext., Purdue University, Lafayette.
IOWA----- Floyd Arnold, Ext. Service, Iowa State College of Agr., Ames.
KANS----- J. W. Linn, Ext. Division, Kansas State College, Manhattan.
KY------- J. W. Foster, Ext. Dairyman, College of Agr., Lexington 29.
LA------- E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
MAINE---- Ralph Corbett, Ext. Service, College of Agr., Orono.
MD------- M. E. Senger, Ext. Service, University of Maryland, College Park.
MASS----- C. H. Parsons, Ext. Service, Univ. of Massachusetts, Amherst.
MICH----- A. C. Baltzer, Ext. Division, Mich.State College of Agr.,East Lansing.
MINN----- H. R. Searles, Div. of Agr. Ext., University Farm, St. Paul 1.
MISS----- L. A. Higgins, Ext. Service, Mississippi State College, State College.
MO------- E. T. Itschner, Agr. Ext. Service, College of Agr., Columbia.
MONT----- J. O. Tretsven, Ext. Service, Montana State College, Bozeman.
NEBR----- M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
NEV------ V. E. Scott, Agr. Ext., College of Agr., Reno.
N. H----- Hilton Boynton, Ext. Service, College of Agr., Durham.
N. J----- E. C. Scheidenhelm, Ext. Service, State College of Agr., New Brunswick.
N. MEX--- E. E. Anderson, Ext. Service, N.Mex. College of Agr., State College.
N. Y----- W. T. Crandall, Ext. Service, N.Y. State College of Agr., Ithaca.
N. C----- J. A. Arey, Ext. Service, N.C. State College of Agr., State College Station, Raleigh.
N. DAK--- Clarence Olson, Agr. Ext., N.Dak. Agr. College, State College Station, Fargo.
OHIO----- L. W. Jacquemin, Agr. Ext., College of Agriculture, Columbus 10.
OKLA----- L. H. Stinnett, Ext. Division, Oklahoma A & M College, Stillwater.
OREG----- H. P. Ewalt, Federal Coop. Ext., Oregon State College, Corvallis.
PA------- C. R. Gearhart, Agr. Ext., School of Agr., State College.
P. R----- C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R. I----- J. W. Atwood, Ext. Service, Rhode Island State College, Kingston.
S. C----- C. G. Cushman, Ext. Service, Clemson Agr. College, Clemson.
S. DAK--- R. A. Cave, Ext. Service, S.Dak. State College of Agr., Brookings.
TENN----- C. A. Hutton, Extension Dairyman, P.O. Box 1071, Knoxville 7,
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UTAH----- L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
VT------- W. P. Leamy, Ext. Service, College of Agr., Burlington.
VA------- R. G. Connelly, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
WASH----- M. B. Nichols, Ext. Service, State College of Washington, Pullman.
W. VA---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
WIS------ J. E. Stallard, Ext. Dairyman, Room 207 King Hall, Madison 6.
WYO------ I. H. Loughary, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN JANUARY 1949

Following is a list of [illegible] sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in January 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ADDIE'S SHELL BOY [illegible] 2----------	10 daughters-	21	8,011	3.8	307
Born, [illegible]; proved, 1-14-49;----; Ohio.	10 dams------	22	8,753	3.7	324
Sire, [illegible]; dam, [illegible].	Difference---	(4-7-4)	-742	+.1	-17
Herd Owner, Everett Bump, Marysville.					
ALTA CREST NEW ENGLANDER 65207----------	11 daughters-	13	9,104	4.0	365
Born, 8-15-40; proved, 1-10-49;----; N. Y.	11 dams------	35	9,470	4.0	382
Sire, [illegible]; dam, 222963.	Difference---	(5-7-3)	-366	.0	-17
Herd Owner, Frank G. Bassett, Coleman Station.					
ATWOOD ORCHARDS HIGHBROWN 63147----------	6 daughters--	8	9,946	4.4	433
Born, 9-13-39; proved, 1-6-49; alive; N. Y.	5 daughters--	5	10,123	4.4	448
Sire, 34775; dam, 146302.	5 dams-------	13	9,194	4.2	386
Herd Owner, Atwood Orchards Doane Farm, Plattsburg.	Difference---	(5-5-5)	+929	+.2	+62
BENAYR JANUARY 62085----------	7 daughters--	11	7,337	4.0	295
Born, 1-20-39; proved, 1-3-49;----; Vt.	5 daughters--	6	7,226	3.9	284
Sire, 52394; dam, 167756.	5 dams-------	19	7,461	3.9	293
Herd Owner, Ascutney View Farm, Windsor.	Difference---	(2-2-2)	-235	.0	-9
CAESAR'S DAIRYMAN OF WINDY TOP 64127----------	5 daughters--	5	7,681	4.1	315
Born, 5-15-40; proved, 1-3-49;----; Vt.	5 dams-------	18	8,925	3.9	346
Sire, [illegible]; dam, [illegible].	Difference---	(1-4-2)	-1,244	+.2	-31
Herd Owner, B. L. Byington, Charlotte.					
COLD STREAM IMPERIAL [illegible] Aug. 1948)----------	18 daughters-	24	9,394	4.0	380
Born, 4-28-42; proved, 1-17-49;----; N. Y.	14 daughters-	20	9,611	3.9	379
Sire, 46521; dam, 157168.	14 dams------	29	9,648	3.9	379
Herd Owner, Frank Winkler, Middleburg.	Difference---	(5-9-6)	-37	.0	0
CREST BOURN GERALD [illegible]----------	8 daughters--	9	9,611	4.0	388
Born, 5-7-41; proved, 1-7-49; dead; N. J.	5 daughters--	6	8,875	4.1	365
Sire, [illegible], dam, [illegible].	5 dams-------	15	10,659	3.8	406
Herd Owner, Leland A. Chamberlain, Netcong.	Difference---	(1-5-1)	-1,[illegible]	+.3	-43
DELCHESTER RENA'S FAVORITE 69277----------	11 daughters-	12	10,244	4.1	418
Born, 2-17-42; proved, 1-3-49;----; Pa.	10 daughters-	11	10,135	4.1	411
Sire, [illegible]; dam, 185896.	10 dams------	25	9,631	3.9	371
Herd Owner, Delchester Farms, Edgemont.	Difference---	(7-9-7)	+504	+.2	+40
DESERT CREST'S RENOWN [illegible]----------	5 daughters--	10	7,961	4.1	330
Born, 11-4-39; proved, 1-6-49;----; Mich.	5 dams-------	9	7,092	4.5	322
Sire, 43826; dam, 138131.	Difference---	(4-1-3)	+869	-.4	+8
Herd Owner, Windrow Farms, Oxford.					
FILLMORE LEGIONAIRE 64873 *12----------	13 daughters-	26	8,578	4.1	355
Born, 4-12-40; proved, 1-31-49; dead; Vt.	1[illegible] dams------	89	9,419	4.2	392
Sire, 58732; dam, 130445.	Difference---	(4-8-3)	-841	-.1	-37
Used in New York Co-op. A. B. A., Inc., N. Y.					
FILLMORE LUCKY LAD 65548 *12----------	12 daughters-	21	9,909	4.2	412
Born, 9-14-40; proved, 1-17-49;----; Vt.	12 dams------	45	8,593	4.1	346
Sire, 58732; dam, 181880.	Difference---	(9-8-10)	+1,316	+.1	+64
Used in Massachusetts A. B. A., Inc., Mass.					
HAWKSWOOD'S PATRIARCH [illegible]----------	11 daughters-	17	8,458	4.1	345
Born, 10-19-40; proved, 1-14-49;----; Mass.	11 dams------	51	9,897	4.1	401
Sire, 53305; dam, 166328.	Difference---	(3-6-3)	-1,439	.0	-56
Herd Owner, [illegible] Farm, Fairhaven.					
IROQUOIS ROYAL CAPTAIN JIM [illegible]----------	13 daughters-	16	9,818	3.9	385
Born, 5-8-41; proved, 1-6-49;----; Ohio.	8 daughters--	9	9,819	3.8	374
Sire, [illegible]; dam, [illegible].	8 dams-------	12	10,663	3.8	410
Herd Owner, C. Austin Fish, La Grange.	Difference---	(2-4-2)	-844	.0	-36
[illegible], IMP. [illegible]----------	9 daughters--	11	7,606	3.7	280
Born, 1-12-40; proved, 1-10-49;----; Maine.	8 daughters--	10	[illegible]	3.7	286
Sire, [illegible].	8 dams-------	[illegible]	8,980	[illegible]	346
Herd Owner, Kennebec Farms, Fairfield.	Difference---	(1-2-0)	[illegible]	-.[illegible]	-62

AYRSHIRE SIRES	Animals averaged	[illegible]	Milk	Test	[illegible]
	Number	Number	Pounds	Percent	Pounds
LANEWAY CHRISTOPHER 65926 *(Feb. 1948)----------	10 daughters-	15	7,5[illegible]	4.[illegible]	[illegible]
Born, 11-[illegible]-40; proved, 1-18-49;----; Mass.	10 dams------	42	8,[illegible]	4.1	[illegible]
Sire, 51577; dam, 191099.	Difference---	(1-6-2)	-1,397	+.[illegible]	-4[illegible]
Herd Owner, Fort Hill Farms, Amherst.					
LANEWAY SAM 67229----------	14 daughters-	17	9,568	4.1	[illegible]
Born, 4-28-41; proved, 1-13-49;----; Ind.	11 daughters-	13	9,502	4.1	388
Sire, 44210; dam, 206193.	11 dams------	25	8,248	4.[illegible]	350
Herd Owner, Guy Lambright, Shipshewana.	Difference---	(9-3-9)	+1,[illegible]54	-.1	+38
NESHAMINY MISTER V 70900----------	14 daughters-	24	8,909	4.3	[illegible]
Born, 5-23-41; proved, 1-3-49;----; Pa.	10 daughters-	16	8,922	4.4	394
Sire, 47635; dam, 137135.	10 dams------	25	9,5[illegible]1	4.0	382
Herd Owner, John F. Kirk, Edgemont.	Difference---	(4-9-5)	-669	+.4	+12
NESHAMINY SOLLY 76332----------	8 daughters--	8	10,558	4.1	435
Born, 1-31-43; proved, 1-13-49;----; Pa.	6 daughters--	6	11,274	4.2	469
Sire, 55200; dam, 214662.	6 dams-------	21	9,892	4.1	407
Herd Owner, Delchester Farms, Edgemont.	Difference---	(5-2-3)	+1,382	+.1	+62
PENSHURST DOUBLE E. C. 66112 *12----------	26 daughters-	50	8,459	4.0	338
Born, 8-29-40; proved, 1-18-49;----; Pa.	23 daughters-	45	8,299	4.0	329
Sire, 44910; dam, 202681.	23 dams------	60	7,258	4.1	296
Herd Owner, Ardrossan Farms, Ithan.	Difference---	(15-10-17)	+1,041	-.1	+33
QUIET VALLEY STAR ADVANCER 65622 *12----------	18 daughters-	31	9,274	3.9	364
Born, 9-7-40; proved, 1-31-49;----; Conn.	15 daughters-	25	9,188	3.9	362
Sire, 35622; dam, 203605.	15 dams------	29	8,933	4.1	368
Herd Owner, Ernest E. Forrest & Son, Northfield.	Difference---	(8-5-7)	+255	-.2	-6
ROSELAWN MAGNET AMERICAN 65778 *(Feb. 1948)----------	15 daughters-	22	9,014	4.4	400
Born, 7-25-40; proved, 1-13-49;----; Pa.	15 dams------	55	9,048	4.3	387
Sire, 50792; dam, 122648.	Difference---	(6-12-8)	-34	+.1	+13
Herd Owner, Roselawn Farm, Malvern.					
ROSELAWN PARIS' MAGNET 71820----------	8 daughters--	9	9,011	4.1	372
Born, 6-7-42; proved, 1-10-49;----; Md.	7 daughters--	8	9,212	4.1	382
Sire, 50792; dam, 146091.	7 dams-------	11	8,246	4.1	335
Herd Owner, Monocacy Ayr Farm, Frederick.	Difference---	(6-6-6)	+966	.0	+47
ROSELAWN PREDOMINANT (TWIN) 69520 *12----------	14 daughters-	22	7,962	4.2	335
Born, 10-25-41; proved, 1-24-49;----; N. Y.	14 dams------	52	9,183	4.1	373
Sire, 50792; dam, 122648.	Difference---	(5-11-6)	-1,221	+.1	-38
Herd Owner, Galway Farms, Galway.					
SHIRLEY-AYR PLANET 68971----------	6 daughters--	8	8,007	4.4	351
Born, 12-10-41; proved, 1-4-49;----; Md.	5 daughters--	6	7,827	4.4	346
Sire, 47698; dam, 206867.	5 dams-------	10	8,420	4.6	383
Herd Owner, Edgewood Farms, Glenelg.	Difference---	(2-2-0)	-593	-.2	-37
STRATHWOLD DOUGLAS MACARTHUR 69372 *12----------	12 daughters-	15	7,286	4.2	309
Born, 9-9-41; proved, 1-18-49; dead; Ohio.	12 dams------	53	8,550	4.2	359
Sire, 54848; dam, 180413.	Difference---	(2-7-2)	-1,264	.0	-50
Herd Owner, Charles H. Walters, Circleville.					
WHITPAIN LAST MAJOR 67740----------	8 daughters--	8	7,199	4.5	322
Born, 7-15-41; proved, 1-7-49;----; Pa.	7 daughters--	7	7,073	4.4	314
Sire, 43060; dam, 174114.	7 dams-------	28	6,916	4.2	289
Herd Owner, Mrs. Lillian H. Landis, East Greenville.	Difference---	(4-6-6)	+157	+.2	+25
WHITPAIN ROYAL MAN 65174----------	11 daughters-	17	8,347	4.1	346
Born, 9-19-40; proved, 1-10-49; dead; N. Y.	5 daughters--	6	8,294	4.2	351
Sire, 43060; dam, 188525.	5 dams-------	8	8,934	4.4	390
Herd Owner, Gerald E. & Warren Evans, Georgetown.	Difference---	(2-3-1)	-640	-.2	-39
WOODHULL COBBER 67239 *12----------	10 daughters-	20	9,536	3.9	369
Born, 2-1-41; proved, 1-14-49;----; Kans.	10 dams------	53	9,315	4.2	389
Sire, 49301; dam, 189407.	Difference---	(5-1-4)	+221	-.3	-20
Herd Owner, M. B. Dusenbury, Corbin.					
WOODHULL MISTER JIM 66044 *(Feb. 1948)----------	10 daughters-	15	9,043	3.9	352
Born, 10-3-40; proved, 1-18-49;----; Kans.	10 dams------	26	9,9[illegible]8	3.9	386
Sire, 58252; dam, 113650.	Difference---	([illegible]-5-[illegible])	-955	.0	-34
Herd Owner, Clarence Beat & Harold Johnson, Wellington.					
WOODLAWN FARMS HAPPY MAN 68562----------	5 daughters--	5	8,4[illegible]6	4.2	353
Born, 10-23-41; proved, 1-6-49;----; Vt.	5 dams-------	7	8,579	4.[illegible]	352
Sire, 59187; dam, 205073.	Difference---	([illegible]-2-3)	-113	+.1	+1
Used in New Hampshire A. B. A., N. H.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BARON'S FERDINAND 52805	5 daughters--	6	7,710	4.3	332
Born, 2-8-41; proved, 1-18-49;----; Iowa.	5 dams-------	32	8,442	4.5	377
Sire, 42856; dam, 42034.	Difference---	(2-1-1)	-732	-.2	-45
Herd Owner, Edith L. Prince, Laurel.					
BELIEVE JAN CONCENTRATION 50437	5 daughters--	5	8,809	4.1	361
Born, 5-27-41; proved, 1-11-49;----; Iowa.	5 dams-------	13	8,572	3.8	330
Sire, 43176; dam, 53999.	Difference---	(3-3-3)	+237	+.3	+31
Herd Owner, Clarence E. Wolcott, Richland.					
BERTHA'S KING OF UPLAND FARM 52682	5 daughters--	6	5,985	4.7	280
Born, 4-14-41; proved, 1-13-49;----; Pa.	5 dams-------	26	7,704	3.8	296
Sire, 42654; dam, 42993.	Difference---	(1-4-1)	-1,719	+.9	-16
Herd Owner, Evangelical Home, Lewisburg.					
BROWNDALE ROYAL 50015	6 daughters--	7	7,246	4.2	302
Born, 3-24-41; proved, 1-13-49;----; Wis.	6 dams-------	28	8,160	4.0	322
Sire, 42878; dam, 36674.	Difference---	(2-4-2)	-914	+.2	-20
Herd Owner, St. Francis Monastery, Burlington.					
DUKE OF ENDLESS CAVERNS 50269	5 daughters--	7	9,145	4.3	396
Born, 3-16-41; proved, 1-31-49;----; Md.	5 dams-------	20	8,811	3.9	344
Sire, 29071; dam, 43361.	Difference---	(3-4-3)	+334	+.4	+52
Herd Owner, Ward Brothers, Rockville.					
JOE OF BERGHOME 67997	6 daughters--	6	7,173	4.1	291
Born, 11-24-40; proved, 1-24-49;----; Wis.	5 daughters--	5	7,350	4.1	300
Sire, 65799; dam, 127965.	5 dams-------	9	11,791	3.9	461
Herd Owner, Walter Berg, Waukesha.	Difference---	(0-3-0)	-4,441	+.2	-161
MEADOW QUEEN'S KING 52644	5 daughters--	10	8,727	4.1	361
Born, 4-12-41; proved, 1-24-49;----; Iowa.	5 dams-------	16	8,024	3.8	306
Sire, 44043; dam, 33811.	Difference---	(3-5-4)	+703	+.3	+55
Herd Owner, Raymond Kadolph, Eldora.					
OSTVAL'S CADET MIKE 50465	6 daughters--	13	10,118	4.2	425
Born, 8-25-40; proved, 1-24-49;----; Wis.	5 daughters--	11	10,643	4.2	444
Sire, 38228; dam, 36885.	5 dams-------	16	11,353	4.0	452
Herd Owner, Ostland Farm, Elkhorn.	Difference---	(1-5-1)	-710	+.2	-8
PENSTATE IONA'S JACK 28681	7 daughters--	20	9,836	3.8	378
Born, 6-3-33; proved, 1-18-49;----; Pa.	5 daughters--	10	9,169	3.9	354
Sire, 21382; dam, 30421.	5 dams-------	13	12,167	3.9	477
Herd Owner, Rolling Rock Farms, Ligonier.	Difference---	(1-3-0)	-2,998	.0	-123
ROYAL'S YANKEE OF LEE'S HILL 52771	7 daughters--	11	11,267	4.1	464
Born, 8-8-41; proved, 1-24-49;----; Md.	7 dams-------	24	11,021	4.0	443
Sire, 28594; dam, 36416.	Difference---	(2-7-2)	+246	+.1	+21
Herd Owner, A. D. Johnston, Rising Sun.					
T. R.'S CAVALIER OF ROSELAND 54818	6 daughters--	8	10,100	4.1	417
Born, 10-11-41; proved, 1-11-49;----; Ill.	6 dams-------	19	11,107	4.1	460
Sire, 31302; dam, 76921.	Difference---	(3-3-2)	-1,007	.0	-43
Herd Owner, Louis Weishaupt, Morton.					
VERNA'S PRINCE DESIGN 40016	9 daughters--	13	10,067	3.9	392
Born, 2-24-38; proved, 1-7-49;----; Ill.	7 daughters--	10	9,629	3.9	374
Sire, 29090; dam, 46827.	7 dams-------	20	10,304	3.8	396
Herd Owner, Ray J. & Donald Folgate, Dakota.	Difference---	(3-5-3)	-675	+.1	-22

GUERNSEY SIRES

ADOHR ELDOR NOBLEMAN 282053 *12	12 daughters-	20	8,779	5.2	460
Born, 1-1-40; proved, 1-25-49;----; Calif.	12 dams------	49	8,[illegible]04	4.9	394
Sire, 217325; dam, 432082.	Difference---	(9-10-9)	+775	+.3	+66
Used in Sonoma-Marin Co-op. A. B. A.					
ANGSTMAN FARM VALIANT 282757	7 daughters--	7	6,202	4.7	293
Born, 8-16-39; proved, 1-11-49;----; Minn.	6 daughters--	6	6,2[illegible]	4.7	297
Sire, 152234; dam, 485862.	6 dams-------	18	6,815	4.8	329
Used in Central Minnesota A. B. A.	Difference---	(1-3-1)	-563	-.1	-32
BOULDER BRIDGE CONSUL 296559	14 daughters-	18	7,762	5.3	409
Born, 1-17-40; proved, 1-3-49; dead; Iowa.	11 daughters-	15	7,846	5.2	406
Sire, 274909; dam, 580933.	11 dams------	27	6,837	4.9	335
Herd Owner, Philip L. Mahr, Indianola.	Difference---	(10-9-10)	+1,009	+.3	+71
BOULDER BRIDGE OBSERVER 295627	7 daughters--	13	7,827	4.9	383
Born, 6-16-40; proved, 1-31-49;----; Wis.	6 daughters--	11	7,988	4.9	392
Sire, 145445; dam, 477993.	6 dams-------	27	8,514	4.9	419
Used in Land O'Lakes A. B. A., Inc., Minn.	Difference---	(3-3-3)	-526	.0	-27

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	
	Number	Number	Pounds	Percent	Pounds
CATHEDRAL SARAH'S SEQUEL 275782----------	6 daughters--	7	11,277	4.6	518
Born, 3-14-39; proved, 1-11-49;----; Pa.	6 dams-------	18	8,244	4.7	385
Sire, 250008; dam, 319985.	Difference---	(6-3-6)	+3,033	-.1	+133
Herd Owner, Dagostin Brothers, Sugarloaf.					
CAUMSETT VALOR 241630----------	36 daughters-	80	9,827	4.5	438
Born, 8-5-36; proved, 1-6-49;----; Pa.	15 daughters-	32	9,662	4.7	453
Sire, 146509; dam, 342786.	15 dams------	39	9,078	4.8	440
Herd Owner, Edward C. Riley, Lumberville.	Difference---	(7-6-6)	+584	-.1	+13
CAUMSETT VALOR KING 252152 *11----------	20 daughters-	32	9,823	4.8	470
Born, 8-19-36; proved, 1-10-49; dead; Ohio.	17 daughters-	28	10,052	4.7	477
Sire, 146509; dam, 245409.	17 dams------	46	9,081	4.9	449
Used in Western Ohio A. B. A.	Difference---	(13-5-11)	+971	-.2	+28
CEDAR CREST'S DOUBLE GOOD NEWS 258009----------	5 daughters--	8	5,442	5.1	276
Born, 11-14-37; proved, 1-7-49;----; Iowa.	5 dams-------	21	6,696	4.6	307
Sire, 136690; dam, 482125.	Difference---	(2-4-1)	-1,254	+.5	-31
Herd Owner, R. H. Brooks & Sons, Des Moines.					
CLAY HILL PETER 259134----------	13 daughters-	15	8,216	5.0	409
Born, 10-20-37; proved, 1-24-49;----; Mich.	7 daughters--	9	7,981	5.0	399
Sire, 227622; dam, 350868.	7 dams-------	16	8,392	4.8	402
Herd Owner, William Dale Turner, Hemlock.	Difference---	(2-5-4)	-411	+.2	-3
FAIRVIEW QUINMORE 278099----------	20 daughters-	40	7,925	4.5	359
Born, 5-3-39; proved, 1-11-49;----; Conn.	9 daughters--	20	6,964	4.5	315
Sire, 226498; dam, 428323.	9 dams-------	12	9,139	4.0	362
Herd Owner, Tiffany Farms, Old Lyme.	Difference---	(0-8-1)	-2,175	+.5	-47
FLYING HILL CONQUEROR 266593----------	15 daughters-	24	7,470	4.7	351
Born, 5-17-38; proved, 1-7-49;----; Mo.	9 daughters--	15	7,818	4.8	375
Sire, 187942; dam, 316884.	9 dams-------	18	6,824	4.5	310
Herd Owner, Walter J. Schmitt, Springfield.	Difference---	(8-7-8)	+994	+.3	+65
FOREMOST PHILOSOPHER 272377----------	9 daughters--	16	9,868	4.5	446
Born, 6-17-38; proved, 1-17-49;----; Ohio.	7 daughters--	12	9,890	4.4	438
Sire, 185651; dam, 347884.	7 dams-------	13	8,797	4.7	413
Herd Owner, Harva A. Goodman, Lima.	Difference---	(5-3-4)	+1,093	-.3	+25
GAYNELLO OF ARIZONA FARMS 312901----------	11 daughters-	16	8,726	4.4	384
Born, 9-1-41; proved, 1-7-49;----; Ariz.	6 daughters--	7	8,687	4.5	388
Sire, 277422; dam, 604440.	6 dams-------	13	8,278	4.5	377
Herd Owner, R. Jack Cartwright, Phoenix.	Difference---	(4-2-4)	+409	.0	+11
HAPPYHOLME LUCI'S ROYAL 300056 *12----------	23 daughters-	30	8,915	5.3	473
Born, 1-5-41; proved, 1-26-49;----; Calif.	16 daughters-	23	8,777	5.4	473
Sire, 215011; dam, 585251.	16 dams------	58	8,602	4.8	414
Herd Owner, Muscio Brothers, Oakdale.	Difference---	(10-16-13)	+175	+.6	+59
HOLLY FARM CONQUEROR 227219----------	8 daughters--	11	8,945	4.7	422
Born, 8-15-34; proved, 1-3-49;----; Pa.	7 daughters--	10	9,017	4.7	427
Sire, 160702; dam, 225660.	7 dams-------	33	7,713	4.6	351
Herd Owner, Walter Binkley, Lititz.	Difference---	(4-4-4)	+1,304	+.1	+76
HOWLAND GALLANT CAVALIER 289378 *12----------	19 daughters-	25	7,925	4.8	377
Born, 4-6-40; proved, 1-31-49; dead; Conn.	18 daughters-	24	7,926	4.7	376
Sire, 183294; dam, 477268.	18 dams------	70	7,597	4.9	375
Herd Owner, Mumford Dairies, Inc., Salem.	Difference---	(12-7-10)	+329	-.2	+1
JUPITER'S CAVALIER 285706 *12----------	17 daughters-	33	6,996	4.5	314
Born, 1-23-40; proved, 1-26-49; dead; W. Va.	17 dams------	69	7,737	4.6	355
Sire, 221651; dam, 395300.	Difference---	(3-7-1)	-741	-.1	-41
Herd Owner, C. Herbert Hunter, Point Marion, Pa.					
LANGWATER CHAMPION 290645----------	5 daughters--	10	7,673	4.8	371
Born, 4-23-40; proved, 1-11-49;----; Va.	5 dams-------	16	7,119	5.2	371
Sire, 200171; dam, 424728.	Difference---	(3-1-3)	+554	-.4	0
Herd Owner, John D. Blair, Jr., Richmond.					
MCDONALD FARMS FRANCOIS 30384[illegible]----------	11 daughters-	13	9,049	4.8	435
Born, 11-30-40; proved, 1-[illegible]-49; dead; N. Y.	11 dams------	58	9,092	4.9	445
Sire, 212939; dam, 292472.	Difference---	(5-6-6)	-43	-.1	-10
Herd Owner, Frank P. Chapman, Ontario.					
OLD FARMSTEAD VIRGIL 272204----------	13 daughters-	29	7,102	5.3	374
Born, 3-8-39; proved, 1-18-49;----; Wis.	10 daughters-	22	6,939	5.2	361
Sire, 206843; dam, 488345.	10 dams------	39	6,384	5.1	328
Herd Owner, Newton Pearson, River Falls.	Difference---	(8-4-9)	+555	+.1	+33
PETER OF GRAHAMDALE 273689----------	9 daughters--	12	7,971	4.8	385
Born, 10-12-36; proved, 1-18-49;----; Wis.	5 daughters--	8	8,188	4.8	387
Sire, 188046; dam, 262661.	5 dams-------	5	8,423	5.2	437
Herd Owner, Bert Holman & Son, Baldwin.	Difference---	(2-2-2)	-235	-.4	-50

GUERNSEY SIRES	Daughters	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PINE MANOR KING'S REHOWN 298625 *11	[illegible] daughters-	57	7,479	5.2	393
Born, [illegible]-40; proved, 1-25-49;----; Ill.	25 daughters-	46	7,670	5.2	400
Sire, [illegible]; dam, [illegible].	25 dams------	81	7,301	4.9	355
Herd Owner, Rosewood Farms, Rosewood.	Difference---	(16-18-16)	+369	+.3	+45
PINE MANOR LEWITY'S LEGACY 287749	11 daughters-	20	9,059	4.8	439
Born, 11-5-[illegible]; proved, 1-1[illegible]-49;----; Maine.	7 daughters--	10	9,647	4.7	451
Sire, 220214; dam, 379048.	7 dams-------	12	9,762	4.7	455
Used in New Hampshire A. B. A., N. H.	Difference---	(5-3-3)	-115	.0	-4
QUAIL ROOST IDEAL LAD 294678	5 daughters--	12	5,225	5.3	276
Born, 6-14-4[illegible], proved, 1-11-49; alive; Va.	5 dams-------	15	6,631	5.2	347
Sire, [illegible]; dam, [illegible]370.	Difference---	(5-4-0)	-1,406	+.1	-71
Herd Owner, Williamson Farms, Mattoax.					
QUINCY EXCELSIOR HOOD 301322	7 daughters--	11	6,771	5.0	341
Born, 3-22-41; proved, 1-25-49; dead; W. Va.	7 dams-------	28	7,198	4.8	349
Sire, 227223; dam, 456040.	Difference---	(2-5-3)	-427	+.2	-8
Herd Owner, W. C. Gist, Wellsburg.					
RANSOM FIDGET'S FIREMAN 301897	7 daughters--	11	7,663	4.8	369
Born, 11-1-40; proved, 1-10-49;----; Kans.	5 daughters--	9	8,016	4.8	381
Sire, 221796; dam, 378997.	5 dams-------	16	7,743	4.9	376
Herd Owner, Ransom Farm, Homewood.	Difference---	(2-2-2)	+273	-.1	+5
ROSE ANN'S DEFENDER 291332	8 daughters--	10	7,418	5.0	367
Born, 4-6-40; proved, 1-14-49;----; Mich.	5 daughters--	7	7,215	4.7	336
Sire, 241707; dam, 528466.	5 dams-------	5	6,732	5.1	346
Herd Owner, Keats Orr, Lakeview.	Difference---	(2-1-3)	+483	-.4	-10
ST. ALBANS VALIANT PAINT'S LAD 319210 *12	26 daughters-	32	10,641	4.4	465
Born, 2-20-42; proved, 1-25-49;----; Mo.	16 daughters-	21	10,451	4.4	457
Sire, 200316; dam, 524949.	16 dams------	51	10,985	4.2	457
Used in Mid-West A. B. A.	Difference---	(8-9-10)	-534	+.2	0
SHERWOOD FOREST JUDGE 273228 *12	33 daughters-	64	8,172	4.9	402
Born, 12-31-38; proved, 1-18-49;----; Del.	26 daughters-	57	8,141	5.0	408
Sire, 225916; dam, 458250.	26 dams------	81	7,635	4.8	364
Used in Indiana A. B. A., Ind.	Difference---	(16-21-17)	+506	+.2	+44
SKYLINE GRETTA'S CHALLENGER 349272	6 daughters--	6	10,581	5.1	542
Born, 6-3-43; proved, 1-4-49; alive; Nebr.	6 dams-------	9	9,171	5.2	477
Sire, 302835; dam, 300882.	Difference---	(5-3-5)	+1,410	-.1	+65
Herd Owner, Joe P. Muller, Omaha.					
STEADFAST ALERT 302675	6 daughters--	7	8,722	5.1	447
Born, 2-1-40; proved, 1-24-49;----; Mo.	6 dams-------	9	9,474	4.8	452
Sire, 198651; dam, [illegible].	Difference---	(1-5-3)	-752	+.3	-5
Used in East Missouri A. B. A.					
35*EC61769 (BANGS OR TB EARTAG)	6 daughters--	7	6,570	4.5	294
Born, ----; proved, [illegible]-49;----; Wis.	6 dams-------	25	6,626	4.6	304
Sire, ----; dam, ----.	Difference---	(3-3-2)	-56	-.1	-10
Herd Owner, M. A. Bell, Oshkosh.					
42-17506 (DHIA EARTAG)	9 daughters--	9	6,611	4.8	316
Born, ----; proved, 1-4-49;----; Iowa.	8 daughters--	8	6,749	4.8	324
Sire, ----; dam, ----.	8 dams-------	30	6,611	5.1	335
Herd Owner, E. E. Peterson, Marshalltown.	Difference---	(5-2-4)	+138	-.3	-11

HOLSTEIN SIRES					
ADMIRAL CLOTHILDE ORMSBY FORBS [illegible] *12	9 daughters--	16	10,825	3.6	386
Born, 12-3-40; proved, 1-4-49; dead; Pa.	7 dams-------	38	10,619	3.6	387
Sire, 743726; dam, 1790532.	Difference---	(6-5-5)	+206	.0	-1
Herd Owner, Robert E. McLain, Moscow.					
ADLIS STAR HOMESTEAD [illegible]	8 daughters--	10	11,898	3.5	418
Born, 2-23-41; proved, 1-5-49;----; Pa.	7 daughters--	9	12,053	3.5	422
Sire, [illegible]; dam, [illegible].	7 dams-------	16	11,[illegible]9	3.6	423
Herd Owner, Ralph Sampson, Crooked Creek.	Difference---	(4-4-4)	+364	-.1	-1
ANDERSON FARM PLUTO 814670	8 daughters--	11	13,044	3.8	492
Born, 9-18-40; proved, 1-10-49; dead; Md.	5 daughters--	8	13,777	3.5	486
Sire, [illegible]; dam, [illegible].	5 dams-------	14	12,548	3.4	423
Herd Owner, H. Courney Edwards, Ridgely.	Difference---	(4-3-4)	1,22[illegible]	+.1	+63
BALLARD FARM THE GREAT [illegible]	8 daughters--	8	12,433	3.4	428
Born, 12-15-42; proved, 1-3-49; dead; W. Va.	8 dams-------	35	9,5[illegible]	3.2	316
Sire, [illegible]; dam, [illegible]116.	Difference---	(7-7-8)	+2,[illegible]	+.2	+112
Herd Owner, J. E. Hicks, West Alexander, Pa.					

BARLEY [illegible] BURKE [illegible]	[illegible]				
Born, [illegible]; proved, [illegible]; [illegible]; [illegible].	[illegible]	11	[illegible]	[illegible]	
Sire, [illegible]; dam, [illegible].	[illegible]	[illegible]	[illegible]	[illegible]	
Herd Owner, Frank Dock, Pigeon.	[illegible]	[illegible] (2-2-3)	+386	-.1	-2
BERKWOOD KORNYKS [illegible]	[illegible]		[illegible]	3.2	373
Born, [illegible]; proved, [illegible]; ----; Mich.	[illegible]	40	[illegible]	[illegible]	
Sire, [illegible]; dam, [illegible].	Difference---	(6-2-6)	[illegible]	-.2	-8
Herd Owner, Allan Brown & Sons, Brown City.					
BERKWOOD QUEEN NIMROD 8[illegible] *1[illegible]	15 daughters-	21	10,029	[illegible]	[illegible]
Born, 10-13-40; proved, 1-4-49; dead; Pa.	14 daughters-	19	10,097	[illegible]	374
Sire, 666928; dam, 2233462.	[illegible] dams------	40	[illegible]	4.3	[illegible]
Herd Owner, R. H. Dilts & Son, Marion Center.	Difference---	(9-4-5)	+605	[illegible]	-30
BLEND CARNATION INKA 8[illegible] *(July 1948)	11 daughters-	16	8,223	[illegible]	[illegible]
Born, 12-4-41; proved, 1-10-49; dead; Iowa.	11 dams------	48	8,812	[illegible]	[illegible]
Sire, 784745; dam, 2066627.	Difference---	(4-9-5)	-589	+.	+1
Herd Owner, Lienau & Martin, Waucoma.					
CARLETON ORMSBY FOBES BURKE 8[illegible]	10 daughters-	14	[illegible]	3.3	[illegible]
Born, 12-19-42; proved, 1-18-49;----; Minn.	7 daughters--	10	12,143	3.4	409
Sire, 821231; dam, 20[illegible].	7 dams-------	10	12,461	3.4	427
Herd Owner, Donald Douglas, Waverly.	Difference---	(2-3-3)	-318	.0	-18
CARNATION COUNTRYMAN 784743	7 daughters--	7	12,881	3.6	462
Born, 9-[illegible]; proved, 1-4-49;----; Kans.	6 daughters--	6	[illegible]	3.6	466
Sire, 765130; dam, 1928840.	6 dams-------	8	12,795	3.5	445
Herd Owner, Walter G. Bircher & Sons, Ellsworth.	Difference---	(4-6-4)	+[illegible]	+.1	+21
CARNATION FASHION HINT 873816	9 daughters--	[illegible]	10,900	3.6	[illegible]
Born, 12-19-42; proved, 1-3-49;----; Minn.	7 daughters--	7	10,719	3.5	379
Sire, 629472; dam, 2018981.	7 dams-------	15	10,578	3.2	335
Herd Owner, H. A. Pitzner & Son, Faribault.	Difference---	(4-7-5)	+141	+.3	+44
CARNATION GOVERNOR INKA VEEMAN 730828 *10	41 daughters-	114	14,879	3.6	[illegible]
Born, 5-12-36; proved, 1-19-49;----; Wash.	40 daughters-	11[illegible]	14,941	3.6	[illegible]
Sire, 629472; dam, 1464315.	40 dams------	168	14,974	3.5	51[illegible]
Herd Owner, Arthur Gallacher & Son. Mount Vernon.	Difference---	(22-30-25)	-33	+.1	+19
CARNATION PONTIAC HOMESTEAD 826040 *(May 1948)	16 daughters-	25	10,070	3.8	[illegible]
Born, 4-21-41; proved, 1-5-49; dead; Colo.	13 daughters-	1[illegible]	10,068	3.8	381
Sire, 629472; dam, 1565801.	13 dams------	28	9,849	3.5	340
Herd Owner, N. W. Cranson & Sons, La Junta.	Difference---	(6-10-11)	+219	+.3	+41
CARNATION STANDBY 849683	5 daughters--	5	13,652	3.5	446
Born, 12-31-41; proved, 1-5-49;----; Iowa.	5 dams-------	12	11,517	3.5	376
Sire, 698462; dam, 1972612.	Difference---	(4-2-4)	+2,135	.0	+70
Herd Owner, J. E. Bryant & Sons, Zearing.					
CARNATION TOPPER 863769 *12	12 daughters-	19	12,346	3.7	452
Born, 8-20-42; proved, 1-17-49;----; Minn.	12 dams------	50	12,387	3.5	437
Sire, 698462; dam, 2102341.	Difference---	(6-9-7)	-41	+.2	+15
Herd Owner, John Crabtree, New Richland.					
CHALKER FARM ORMSBY JEMIMA 834502 *(May 1948)	14 daughters-	16	8,272	3.5	2[illegible]
Born, 4-2-40; proved, 1-18-49; dead; Vt.	13 daughters-	15	8,479	3.5	300
Sire, 750253; dam, 1825932.	13 dams------	40	9,406	3.4	320
Herd Owner, Milford Bristol, Vergennes.	Difference---	(3-11-5)	-927	+.1	-20
CHANGELING ORMSBY CONSTANCE 840273	5 daughters--	8	11,659	3.7	426
Born, 7-16-41; proved, 1-31-49;----; N. Y.	[illegible] dams-------	15	11,562	3.7	423
Sire, 785167; dam, 1760196.	Difference---	(3-3-2)	+97	.0	+3
Herd Owner, Porter R. Backus, Hartwick Seminary.					
CHEROKEE SIR LORAINE 828411 *12	16 daughters-	27	[illegible]	3.4	[illegible]
Born, 5-23-41; proved, 1-7-49; dead; Iowa.	11 daughters-	[illegible]	16,629	3.4	569
Sire, 748290; dam, 1988939.	11 dams------	18	14,070	3.6	502
Herd Owner, Joe C. Fuhr, Boyden.	Difference---	(10-6-9)	+2,559	-.2	+67
CHIEF PIEBE GERBEN COLANTHA AG-WAY 709888 *8	51 daughters-	[illegible]	10,954	[illegible]	377
Born, 8-12-34; proved, 1-5-49;----; Va.	46 daughters-	144	10,991	3.4	373
Sire, 444088; dam, 1379863.	46 dams------	202	10,015	[illegible]	[illegible]
Herd Owner, Mrs. R. N. Pemberton, Doswell.	Difference---	(34-36-31)	[illegible]	+.1	+42
CHIEF PIEBE GERBEN COLANTHA STAR 677453 *4	17 daughters-	[illegible]	10,127	[illegible]	364
Born, 3-17-33; proved, 1-25-49;----; Va.	15 daughters-	[illegible]	10,046	3.6	[illegible]
Sire, 444088; dam, 1459558.	15 dams------	37	10,851	[illegible]	381
Herd Owner, Beauregard Stock Farm, Brandy.	Difference---	(4-11-5)	-805	+.1	-20
CHIEF PIEBE GERBEN COLA SARCASTIC 707796 *9	[illegible] daughters-	[illegible]	10,053	[illegible]	[illegible]
Born, 6-5-34; proved, 1-26-49;----; Va.	41 daughters-	127	10,194	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	41 dams------	[illegible]	[illegible]	[illegible]	[illegible]
Herd Owner, Mrs. Harriet E. Coleman Estate, Fancuntu Springs.	Difference---	(29-22-27)	+796	[illegible]	+23

HOLSTEIN SIRES	[illegible]	Records averaged	Milk	Test	Fat
	Daughters	Number	Pounds	Percent	Pounds
CHIEF PIEBE GERBEN COLA WATSON 701155 *4---------	49 daughters-	113	9,668	3.3	317
Born, 2-20-34; proved, 1-3-49;----; Pa.	33 daughters-	93	9,970	3.3	326
Sire, 444088; dam, 1[illegible]47.	35 dams------	145	10,513	3.4	355
Herd Owner, Danville State Hospital, Danville.	Difference---	(15-13-11)	-543	-.1	-29
CHIEF PIEBE PRIDE GERBEN COL JULIE 713427 *5----------	50 daughters-	87	9,331	3.5	326
Born, 11-22-34; proved, 1-1[illegible]49;----; Va.	50 dams------	196	9,843	3.2	317
Sire, 444088; dam, 1363989.	Difference---	(20-43-24)	-512	+.3	+9
Herd Owner, State Colony for Epileptics & Feeble-Minded, Colony.					
CHIEF PIEBE PRIDE GERBEN COL WAYNE 713429 *(June 1948)-----	47 daughters-	71	9,029	3.4	309
Born, 12-23-34; proved, 1-3-49; dead; Pa.	35 daughters-	53	9,127	3.4	314
Sire, 444088; dam, 1424531.	35 dams------	116	10,118	3.4	340
Used in New York Co-op. A. B. A., Inc., N. Y.	Difference---	(11-22-13)	-991	.0	-26
CHIEF PIEBE PRI-GERB COLAN J 776442 *(Mar. 1948)----------	26 daughters-	40	9,120	3.6	330
Born, 8-9-38; proved, 1-24-49;----; Va.	21 daughters-	34	9,346	3.6	332
Sire, 444088; dam, 1459559.	21 dams------	85	9,950	3.6	357
Used in Massachusetts A. B. A., Mass.	Difference---	(8-10-7)	-604	.0	-25
CLARINDA FORBESON 654410----------	8 daughters--	8	11,770	3.3	389
Born, 3-6-42; proved, 1-7-4[illegible];----; Iowa.	8 dams-------	20	12,228	3.3	403
Sire, 651537; dam, 1968506.	Difference---	(3-4-3)	-458	.0	-14
Herd Owner, Clarinda State Hospital, Clarinda.					
CLOVER LAWN INKA SIR CRUSADER PLUS (TWIN) 843679 *(Mar.1948)-	11 daughters-	16	12,740	3.6	458
Born, 1-12-42; proved, 1-10-49; dead; Wis.	11 dams------	5[illegible]	12,107	3.6	437
Sire, 755247; dam, 1816747.	Difference---	(7-6-5)	+633	.0	+21
Herd Owner, Otto C. Neumann, Adell.					
COFFEYDALE SIR PAUL FOBES 828527 *12----------	12 daughters-	22	11,983	3.5	417
Born, 9-18-40; proved, 1-7-49;----; Mich.	10 daughters-	18	11,683	3.5	411
Sire, 769915; dam, 2025645.	10 dams------	39	14,175	3.4	484
Herd Owner, Frank Merrell & Son, Howell.	Difference---	(1-6-1)	-2,492	+.1	-73
COLONY NETHERLAND PERFECTION 30TH 832250 *(June 1948)------	16 daughters-	19	11,161	3.5	386
Born, 4-14-41; proved, 1-19-49; dead; Wis.	14 daughters-	16	11,356	3.5	397
Sire, 90161 CHB; dam, 319477 CHB.	14 dams------	45	11,097	3.6	399
Used in Dane Co-op. A. B. A.	Difference---	(9-5-5)	+259	-.1	-2
CONNEMEAD NAPOLEON 666441----------	30 daughters-	86	12,334	3.5	433
Born, 12-7-31; proved, 1-3-49;----; Pa.	14 daughters-	48	12,764	3.6	454
Sire, 425346; dam, 838380.	14 dams------	43	12,060	3.3	404
Herd Owner, Mahlon Stoltzfus, Elverson.	Difference---	(8-11-11)	+704	+.3	+50
CORNELL SUCCESSOR MAJOR 818992----------	6 daughters--	6	10,800	3.4	370
Born, 10-8-40; proved, 1-31-49;----; Pa.	6 dams-------	22	12,679	3.6	461
Sire, 760637; dam, 1799811.	Difference---	(1-1-1)	-1,879	-.2	-91
Herd Owner, East Brook Farm, Covington.					
CORPORAL ORMSBY ABBEKERK 873385----------	6 daughters--	8	10,074	3.7	368
Born, 2-16-43; proved, 1-26-49;----; Pa.	5 daughters--	6	10,092	3.6	367
Sire, 811091; dam, 2139074.	5 dams-------	12	8,532	3.8	325
Herd Owner, Orvis Hosterman, Aaronsburg.	Difference---	(4-2-4)	+1,560	-.2	+42
CRESCENT BEAUTY DECLARATION 837971 *(July 1948)----------	14 daughters-	21	8,387	3.6	303
Born, 12-8-41; proved, 1-10-49; dead; Wis.	12 daughters-	18	8,402	3.6	304
Sire, 776126; dam, 2242550.	12 dams------	29	9,930	3.4	335
Herd Owner, Jacob J. Gruenewald & Son, Monroe.	Difference---	(2-9-2)	-1,528	+.2	-31
DAUNTLESS ROYAL PIEBE (TWIN) 833728 *12----------	13 daughters-	17	10,997	3.7	404
Born, 7-5-41; proved, 1-18-49;----; Va.	11 daughters-	15	10,947	3.7	404
Sire, 668530; dam, 1930695.	11 dams------	34	10,049	3.4	340
Herd Owner, George T. Carr, Charlottesville.	Difference---	(8-10-7)	+898	+.3	+64
DAWN ORIS SIR DELLA SUPREME 864787----------	20 daughters-	22	9,929	3.5	346
Born, 4-14-42; proved, 1-31-49;----; Ill.	8 daughters--	9	9,906	3.6	356
Sire, 661944; dam, 1837872.	8 dams-------	13	10,265	3.5	363
Herd Owner, Society of the Divine Word, Techny.	Difference---	(3-4-3)	-359	+.1	-7
DAYTONIA ADMIRAL ORMSBY PAMKES [illegible] *(Mar. 1948)---------	20 daughters-	20	12,380	3.5	438
Born, 5-30-41; proved, 1-17-49; dead; Pa.	20 dams------	73	12,556	3.5	435
Sire, 7[illegible]; dam, [illegible].	Difference---	(9-13-11)	-176	.0	+3
Herd Owner, Harry J. Lawrence & Sons, Hallstead.					
DEAN SEGIS ORMSBY EDEN 872626----------	6 daughters--	6	12,023	3.5	424
Born, 2-2-43; proved, 1-26-49;----; Minn.	6 dams-------	17	12,465	3.5	439
Sire, 830695; dam, 2247004.	Difference---	(2-4-3)	-442	.0	-15
Herd Owner, Emil Kuske, Dodge Center.					
DEMKOO SIR BELMONT COLANTHUS 8[illegible]3----------	5 daughters--	7	13,366	3.5	471
Born, 11-5-42; proved, 1-18-49;----; Iowa.	5 dams-------	17	11,469	3.4	388
Sire, 715862; dam, 2167665.	Difference---	(5-4-5)	+1,897	+.1	+83
Herd Owner, George Vande Garde, Hull.					

HOLSTEIN SIRES

	Number	Number	Pounds	Percent	Fat
DE KOL ORMSBY HOMESTEAD PIETJE [illegible]--------	6 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Born, [illegible]-40; proved, 1-[illegible]; ----; N. J.	5 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	5 dams-------	[illegible]	[illegible]	[illegible]	[illegible]
Herd Owner, Harvey Beatty, Stewartsville.	Difference---	([illegible])	[illegible]	+.3	-4
DE KOL POSCH CANARY 903109 *12----------	13 daughters-	[illegible]	10,926	[illegible]	[illegible]
Born, 12-[illegible]-40; proved, 1-26-49; ----; N. Y.	13 dams------	52	11,621	3.5	408
Sire, 778866; dam, 1751567.	Difference---	(6-11-6)	-695	+.1	-4
Herd Owner, Seely Roe, Chester.					
DIBBSON RAG APPLE DELLA REAL MCCOY 839232----------	9 daughters--	10	11,803	[illegible]	409
Born, 10-8-41; proved, 1-26-49; ----; Pa.	5 daughters--	6	10,326	3.4	355
Sire, 771427; dam, 1827438.	5 dams-------	22	12,462	[illegible]	413
Used in Nepa Co-op. A. B. A.	Difference---	(1-4-1)	-2,136	+.1	-[illegible]
DOUBLE SEGIS JOHANNA LAD 752106 *10----------	15 daughters-	35	14,[illegible]	3.8	[illegible]
Born, [illegible]-[illegible]-37; proved, 1-26-49; ----; Ky.	15 dams------	46	13,036	[illegible]	452
Sire, 644451; dam, 1620153.	Difference---	(11-14-12)	+1,942	+.3	+111
Used in Kentucky A. B. A.					
DUNLOGGIN AXEMASTER 829219 *12----------	25 daughters-	44	11,323	3.5	[illegible]
Born, 7-22-41; proved, 1-24-49; ----; Md.	24 daughters-	43	11,250	3.5	393
Sire, 667915; dam, 1785675.	24 dams------	79	12,217	3.5	423
Herd Owner, W. I. King, Gaithersburg.	Difference---	(9-14-11)	-967	.0	-30
DUNLOGGIN GOVERNOR VAR 877824----------	5 daughters--	5	13,501	4.1	[illegible]
Born, 6-2-43; proved, 1-10-49; ----; Pa.	5 dams-------	14	11,702	3.6	426
Sire, 855938; dam, 1758625.	Difference---	(4-5-5)	+1,799	+.5	+125
Herd Owner, William R. Brown, Delta.					
DUNLOGGIN MASTER ORAAGGIE 811986----------	9 daughters--	13	12,475	3.7	456
Born, 11-5-40; proved, 1-7-49; alive; Md.	6 daughters--	9	11,842	3.8	449
Sire, 667915; dam, 1628496.	6 dams-------	15	11,212	3.9	433
Herd Owner, J. Homer Remsberg, Middletown.	Difference---	(3-2-3)	+630	-.1	+16
DUNLOGGIN SAFE GOLD 854242----------	8 daughters--	8	15,051	3.5	527
Born, 6-7-42; proved, 1-31-49; ----; Pa.	8 dams-------	33	13,548	3.6	487
Sire, 793004; dam, 1785354.	Difference---	(5-3-4)	+1,503	-.1	+40
Herd Owner, George M. Hunsberger, Plumsteadville.					
EAST BROOK INKY POSCH 809174----------	5 daughters--	9	10,801	3.1	339
Born, 3-12-40; proved, 1-3-49; ----; Pa.	5 dams-------	19	12,036	3.3	392
Sire, 603155; dam, 1568152.	Difference---	(2-2-1)	-1,235	-.2	-53
Herd Owner, G. L. Carlson, Turtlepoint.					
EASTERN ROSCOE 833760 *12----------	13 daughters-	27	13,445	3.3	444
Born, 4-17-41; proved, 1-7-49; dead; Ky.	13 dams------	49	13,402	3.3	446
Sire, 644451; dam, 1944994.	Difference---	(6-6-7)	+43	.0	-2
Herd Owner, Eastern Ky. State Teachers College, Richmond.					
ELLKAY EMPEROR FOBINKA 808500----------	17 daughters-	19	9,678	3.5	341
Born, 12-27-38; proved, 1-7-49; dead; N. Y.	5 daughters--	6	8,526	3.7	319
Sire, 682072; dam, 1575364.	5 dams-------	6	12,295	3.2	398
Herd Owner, Fred L. & Robert P. Stevens, Pennellville.	Difference---	(0-5-1)	-3,769	+.5	-79
ELM BRANCH SENSATION POSCH 805621----------	6 daughters--	6	8,612	3.7	320
Born, 2-17-40; proved, 1-5-49; ----; Ohio.	6 dams-------	10	10,199	3.5	358
Sire, 711818; dam, 1395289.	Difference---	(0-4-1)	-1,587	+.2	-38
Herd Owner, H. E. Abell, Medina.					
ESSEX JOCKO DOUBLE DESIGN 842704 *(Feb. 1948)----------	13 daughters-	14	12,936	3.4	434
Born, 12-24-41; proved, 1-17-49; alive; Nebr.	13 dams------	60	11,933	3.3	392
Sire, 774749; dam, 2066332.	Difference---	(9-11-10)	+1,003	+.1	+42
Herd Owner, State Board of Control, Lincoln.					
EVERGREEN LANE ORMSBY NETHERLAND 825836 *(Mar. 1948)-------	11 daughters-	16	10,650	3.4	366
Born, 4-28-40; proved, 1-26-49; dead; Wis.	9 daughters--	12	10,627	3.4	358
Sire, 693222; dam, 2009148.	9 dams-------	52	11,010	3.6	391
Herd Owner, Armond F. Burhop, Grafton.	Difference---	(2-3-3)	-383	-.2	-33
FOBES JOHANNA ALCARTRA 852176 *(Mar. 1948)----------	13 daughters-	[illegible]	12,988	3.6	473
Born, 11-15-41; proved, 1-25-49; dead; Iowa.	10 daughters-	17	13,305	[illegible]	486
Sire, 731137; dam, 1796800.	10 dams------	37	12,859	[illegible]	456
Herd Owner, Meints & Freese, Steamboat Rock.	Difference---	(7-9-7)	+446	+.2	+30
FOBES WARFORD DEAN ORMSBY WALK 837478----------	7 daughters--	8	12,653	[illegible]	490
Born, 8-22-41; rpved, 1-31-49; ----; Ill.	5 daughters--	5	12,806	4.0	508
Sire, 697174; dam, 1981665.	5 dams-------	24	10,824	3.5	[illegible]
Herd Owner, Joe Deters & Son, Sigel.	Difference---	(4-5-5)	+1,982	+.5	+130
FOSTERCREST ONA ORMSBY POSCH RAY 836534 *6----------	11 daughters-	37	12,202	3.8	466
Born, 4-20-36; proved, 1-25-49; dead; Mich.	11 dams------	54	11,735	3.8	442
Sire, 709038; dam, 1640482.	Difference---	(6-8-7)	+467	.0	+24
Herd Owner, Roy Lott & Son, Mason.					

HOLSTEIN SIRES	[illegible]	[illegible] averaged	Milk	[illegible]	Fat
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	17 daughters--	23	12,1[illegible]	3.8	461
[illegible]	12 daughters--	22	[illegible]	3.8	[illegible]
[illegible]	18 dams-------	31	10,[illegible]	3.8	[illegible]
Used in M. I. A. A. B. A.	Difference---	(18-11-16)	+2,[illegible]	.0	+81
GEN DALF MERK DIAMOND JIM [illegible]	13 daughters-	19	12,6[illegible]	3.8	480
Born, [illegible]-41; proved, 1-1[illegible]-49; alive; N. Y.	[illegible] daughters-	18	12,48[illegible]	3.8	47[illegible]
Sire, [illegible]; dam, 1[illegible].	12 dams------	46	11,793	3.7	435
Used in New York [illegible] A. B. A., Inc.	Difference---	(8-8-9)	+696	+.1	+38
GLEASON MEADOWS DE KOL PAUL [illegible]	11 daughters-	14	11,378	3.7	416
Born, [illegible]; proved, 1-24-49;----; Mich.	5 daughters--	6	11,399	3.6	409
Sire, 702022; dam, 1682731.	5 dams-------	15	10,713	3.4	367
Herd Owner, Vern Taylor, Mendon.	Difference---	(3-4-3)	+686	+.2	+42
GRANDVIEW PATRICK [illegible]	15 daughters-	17	11,594	3.4	390
Born, 3-17-41; proved, 1-31-49;----; N. Y.	7 daughters--	8	11,072	3.4	375
Sire, [illegible] CHB; dam, 281542 CHB.	7 dams-------	13	10,670	3.2	343
Herd Owner, Countryman Brothers, Campbelle.	Difference---	([illegible]-5-[illegible])	+402	+.[illegible]	+32
GREEN HILL ORMSBY BOAST 828085 *12	16 daughters-	25	12,[illegible]	3.4	410
Born, 1-12-41; proved, 1-4-49; alive; N. Y.	15 daughters-	23	12,1[illegible]	3.4	408
Sire, 704747; dam, 1831[illegible].	15 dams------	42	11,737	3.4	402
Herd Owner, Charles A. Lawarop & Son, Sherburne.	Difference---	(7-9-8)	+379	.0	+6
GREENWICH LINDY FAHNJORE [illegible]	13 daughters-	37	9,807	3.6	349
Born, 2-9-33; proved, 1-11-49;----; Pa.	6 daughters--	15	9,406	[illegible]	339
Sire, 592288; dam, 1429530.	6 dams-------	40	10,304	[illegible]	364
Herd Owner, Bethany Orphans Home, Womelsdorf.	Difference---	(3-5-3)	-898	+.1	-25
GROMOR MARATHON LAURA GREAT 845481 *12	10 daughters-	15	11,474	3.3	381
Born, 11-11-40; proved, 1-10-49; dead; N. Y.	10 dams------	4[illegible]	12,35[illegible]	3.3	407
Sire, 731349; dam, 1738661.	Difference---	(4-6-[illegible])	-876	.0	-26
Herd Owner, Jacob Kuppens & Sons, Walton.					
HAMER PIETERTJE DE KOL WALKER (TWIN) [illegible]	5 daughters--	[illegible]	13,306	3.4	454
Born, 3-6-42; proved, 1-31-49;----; Iowa.	5 dams-------	18	9,949	3.2	320
Sire, 662763; dam, 1669925.	Difference---	(4-4-5)	+3,359	+.2	+134
Herd Owner, Eldon B. Nelson & Son, Boone.					
HAMER PIETERTJE POTCH MEAD [illegible] *1[illegible]	12 daughters-	22	10,336	3.8	394
Born, 12-4-40; proved, 1-12-49;----; Iowa.	10 daughters-	18	10,139	3.8	390
Sire, 749574; dam, 2156270.	10 dams------	45	10,177	3.8	385
Herd Owner, Stern & Rich, Fredericksburg.	Difference---	(6-6-5)	-38	.0	+5
HARMIT ADMIRAL SEGIS [illegible] *12	9 daughters--	15	11,862	3.4	403
Born, 3-8-41; proved, 1-5-49; dead; Wis.	9 dams-------	32	10,768	3.6	390
Sire, 747696; dam, 1799680.	Difference---	(5-4-4)	+1,101	-.2	+13
Herd Owner, Louis H. Hammen, Ripon.					
HARTHOIM SIR JOHAN [illegible] *12	11 daughters-	23	11,169	3.2	357
Born, 10-20-39; proved, 1-17-49; dead; Mich.	11 dams------	28	10,315	3.4	356
Sire, 101771 CHB; dam, 316890 CHB.	Difference---	(7-1-5)	+854	-.2	+1
Herd Owner, Frank Merriman, Deckerville.					
HAYS LITTLE JOE 2D [illegible]	8 daughters--	9	10,338	3.5	364
Born, 2-27-40; proved, 1-4-49;----; Wis.	5 daughters--	6	10,374	3.5	367
Sire, 124350 CHB; dam, 235122 CHB.	5 dams-------	14	12,474	3.4	427
Herd Owner, Robert A. Gefke & Sons, Oregon.	Difference---	(1-4-1)	-2,100	+.1	-60
HERSHEY PROSPECT ORMSBY 867929	5 daughters--	10	10,261	3.3	339
Born, [illegible]; proved, 1-17-49;----; Pa.	6 daughters--	8	10,619	3.3	326
Sire, [illegible]; dam, [illegible].	6 dams-------	22	11,533	3.3	386
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-2-2)	-1,514	.0	-60
HILL-[illegible] PONTIAC TWIN [illegible] (May [illegible])	[illegible] daughters-	18	11,402	3.9	442
Born, 8-9-41; proved, 1-12-49; dead; Iowa.	10 daughters-	14	11,441	3.9	450
Sire, 790805; dam, 1794864.	[illegible] dams------	33	11,158	3.8	419
Herd Owner, Fred K. & Richard K. Bruene, Gladbrook.	Difference---	(8-8-8)	+283	+.1	+31
[illegible]	6 daughters--	6	10,5[illegible]	3.6	381
Born, 12-6-42; proved, 1-7-49; alive; Va.	[illegible] daughters--	[illegible]	10,260	3.7	381
Sire, 748439; dam, 1754755.	5 dams-------	6	10,117	[illegible]	360
Herd Owner, [illegible] D. [illegible], Hart[illegible].	Difference---	([illegible])	+1[illegible]	+.1	+21
HOESLY CASCADE JOE HOMESTEAD 9TH 830085 *12	12 daughters-	16	11,41[illegible]	[illegible]	420
[illegible]; proved, [illegible]; ----; Mich.	9 daughters--	12	11,[illegible]	3.7	416
[illegible]; dam, [illegible].	[illegible] dams-------	24	11,316	[illegible]	[illegible]
Used in Douglas Dairy Co-op. A. B. A.	Difference---	([illegible])	+10	+.2	+20
[illegible]	17 daughters-	[illegible]	11,724	[illegible]	[illegible]
[illegible]; proved, [illegible]; ----; Ill.	14 daughters-	20	11,762	[illegible]	[illegible]
[illegible]; dam, [illegible].	14 dams-------	18	14,198	[illegible]	[illegible]
Herd Owner, Ralph L. Nichols, Hebron.	Difference---	(2-6-2)	[illegible]	[illegible]	-93

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
HOPE VIEW FOBES CHALLENGER 817917----------	6 daughters--	10	9,864	3.9	380
Born, 10-27-40; proved, 1-31-49;----; Colo.	5 daughters--	9	9,527	3.9	374
Sire, 801022; dam, 2006954.	5 dams-------	20	12,014	4.0	482
Herd Owner, Sinton Dairy Farm Co., Colorado Springs.	Difference---	(1-2-1)	-2,487	-.1	-108
HUFF SIR THELMA JEFF 870904----------	6 daughters--	6	11,076	3.7	405
Born, 2-16-43; proved, 1-5-49;----; Pa.	6 dams-------	22	11,670	3.6	423
Sire, 728771; dam, 1780911.	Difference---	(2-5-3)	-594	+.1	-18
Herd Owner, J. Mark Robinson, Tunkhannock.					
HURLBERT PAUL ABBEKERK POSCH 809965----------	9 daughters--	11	10,232	3.5	362
Born, 11-1-40; proved, 1-5-49; dead; N. Y.	5 daughters--	6	10,398	3.5	363
Sire, 758272; dam, 2090572.	5 dams-------	8	9,609	3.6	342
Herd Owner, Roger Becker, Cobleskill.	Difference---	(4-2-2)	+789	-.1	+21
IMPERIAL DIRECTOR 868603----------	12 daughters-	12	12,870	3.5	451
Born, 11-27-42; proved, 1-25-49;----; Ill.	10 daughters-	10	12,600	3.5	446
Sire, 813168; dam, 2194293.	10 dams------	29	13,755	3.5	475
Herd Owner, Wallace Garnhart & E. L. Campbell, Forreston.	Difference---	(4-6-4)	-1,155	.0	-29
JERRY MODEL FAYNE 876266----------	5 daughters--	6	11,323	3.7	414
Born, 11-1-42; proved, 1-14-49;----; Wis.	5 dams-------	12	13,679	3.2	444
Sire, 741199; dam, 2127928.	Difference---	(0-5-3)	-2,356	+.5	-30
Herd Owner, Alvin Elmer, Brooklyn.					
KING BESSIE ORMSBY HAZELWOOD 56TH 868728----------	9 daughters--	12	15,593	3.0	475
Born, 3-6-42; proved, 1-26-49;----; Minn.	8 daughters--	11	15,554	3.0	473
Sire, 570499; dam, 1800389.	8 dams-------	19	15,342	3.2	490
Herd Owner, Harold Pleidrup, Verndale.	Difference---	(5-3-4)	+212	-.2	-17
KING BESSIE POSITA SHERRY 807680----------	7 daughters--	8	11,946	3.3	394
Born, 6-12-40; proved, 1-10-49;----; Wis.	7 dams-------	14	10,800	3.4	365
Sire, 763866; dam, 1864266.	Difference---	(6-3-6)	+1,146	-.1	+29
Herd Owner, John Rhiner, Mount Horeb.					
KING DELLA PONTIAC OF MAPLE GROVE 848348----------	6 daughters--	7	9,075	3.9	350
Born, 4-5-42; proved, 1-24-49;----; Wis.	6 dams-------	20	9,623	3.5	340
Sire, 753172; dam, 2262886.	Difference---	(2-5-2)	-548	+.4	+10
Herd Owner, Benjamin J. Stangel, Tisch Mills.					
KING GYPSIE CORNUCOPIA 852926----------	8 daughters--	10	15,342	3.8	581
Born, 11-3-41; proved, 1-5-49; alive; Minn.	6 daughters--	8	16,169	3.7	605
Sire, 742590; dam, 1869523.	6 dams-------	12	14,681	3.6	522
Used in Northwest A. B. A.	Difference---	(4-5-4)	+1,488	+.1	+83
KING LOS ROBLES WINNIE 850336 *(Mar. 1948)----------	18 daughters-	22	13,648	3.9	531
Born, 1-23-42; proved, 1-3-49; alive; Calif.	16 daughters-	20	14,147	3.8	544
Sire, 729643; dam, 1906935.	16 dams------	23	11,418	4.4	499
Used in San Pasqual A. B. A., Inc.	Difference---	(15-1-10)	+2,729	-.6	+45
KINGWILD SIR ALEXINA SEGIS 826046----------	10 daughters-	24	9,693	3.6	353
Born, 1-26-41; proved, 1-24-49;----; Calif.	8 daughters--	18	9,682	3.6	352
Sire, 710366; dam, 1813636.	8 dams-------	35	9,768	3.9	376
Herd Owner, E. B. Starkey, Orland.	Difference---	(4-3-4)	-86	-.3	-24
LAMAGA POSCH WALKER INKA HOMESTEAD 809661----------	16 daughters-	20	11,271	3.7	412
Born, 11-18-40; proved, 1-4-49; dead; N. Y.	8 daughters--	9	12,105	3.8	463
Sire, 672292; dam, 1917928.	8 dams-------	10	10,787	3.5	382
Herd Owner, Edward T. Wilson, Oriskany Falls.	Difference---	(4-6-8)	+1,318	+.3	+81
LAPEERLESS CRESTLYN ORMSBY 848208----------	8 daughters--	13	8,358	3.2	265
Born, 7-7-41; proved, 1-18-49;----; Mich.	6 daughters--	10	7,917	3.2	256
Sire, 752197; dam, 1310712.	6 dams-------	13	8,949	3.5	311
Herd Owner, James Reilly, Brown City.	Difference---	(2-3-0)	-1,032	-.3	-55
LAUXMONT SAFEMASTER SENATOR 834606 *12----------	14 daughters-	19	13,490	3.8	511
Born, 10-2-41; proved, 1-17-49;----; Md.	13 daughters-	18	13,512	3.8	508
Sire, 751642; dam, 1865495.	13 dams------	48	10,101	3.7	374
Herd Owner, Maurice S. Ahalt, Middletown.	Difference---	(11-8-12)	+3,411	+.1	+134
LAVERTA PIEBE BELMONT 832815 *12----------	14 daughters-	22	11,911	3.7	444
Born, 11-19-40; proved, 1-17-49;----; Minn.	14 dams------	80	12,127	3.7	443
Sire, 719706; dam, 1829107.	Difference---	(7-9-7)	-216	.0	+1
Herd Owner, Rudolph C. Mohr, Pine Island.					
LOCVALE MATADOR JASPER 850540----------	6 daughters--	7	9,497	3.8	359
Born, 4-5-42; proved, 1-19-49;----; Md.	6 dams-------	8	9,513	3.3	316
Sire, 746315; dam, 1887903.	Difference---	(4-5-4)	-16	+.5	+43
Herd Owner, Edward F. Holter, Middletown.					
LOS ROBLES CREAM CUP ORMSBY 855055 *(Mar. 1948)----------	26 daughters-	32	11,762	3.6	419
Born, 3-9-42; proved, 1-17-49;----; Calif.	26 dams------	98	11,614	3.6	422
Sire, 720947; dam, 1800633.	Difference---	(15-11-12)	+148	.0	-3
Used in California Dairy A. B. A., Inc.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
LUCKY DAY ORMSBY VICKERY [illegible] *(Apr. 1948)----------	16 daughters-	19	11,295	3.4	385
Born, [illegible]-11-42; proved, 1-1[illegible]-49;----; Wis.	16 dams------	71	10,582	3.4	356
Sire, 817905; dam, 2082355.	Difference---	(11-9-12)	+713	.0	+29
Herd Owner, Wittwer Brothers, Belleville.					
MALLARY FARM RAG APPLE DON 834874 *(Apr. 1948)----------	18 daughters-	26	8,918	3.4	303
Born, [illegible]-2-41; proved, [illegible]-49;----; Vt.	15 daughters-	20	8,486	3.4	288
Sire, 653486; dam, 2001626.	15 dams------	54	10,275	3.3	337
Herd Owner, J. B. Clark, Highgate Springs.	Difference---	(2-12-3)	-1,789	+.1	-49
MATADOR ORMSBY FOBES TRIJNE 864830----------	5 daughters--	7	13,358	3.6	479
Born, 11-11-42; proved, 1-10-49;----; Minn.	5 dams-------	11	15,599	3.5	553
Sire, 827854; dam, 2192205.	Difference---	(1-3-1)	-2,241	+.1	-74
Herd Owner, Charles Witte, Cloquet.					
MAYTAG ORMSBY FOBES 2D 8[illegible]968 *(1[illegible]2----------	15 daughters-	26	14,100	3.5	496
Born, 7-[illegible]-41, proved, [illegible]-[illegible]-49;----; Iowa.	15 dams------	64	14,822	3.5	[illegible]
Sire, 784[illegible]; dam, 1985[illegible].	Difference---	(8-9-7)	-722	.0	-22
Herd Owner, Ronald Chapman, Ruthven.					
MERNDALE MAYFORD MARK [illegible] *(May 1948)----------	14 daughters-	25	12,142	3.7	451
Born, 11-15-41; proved, 1-25-49; dead; Iowa.	[illegible] daughters-	[illegible]	12,058	3.7	444
Sire, [illegible]; dam, [illegible].	[illegible] dams------	37	12,188	3.4	416
Herd Owner, [illegible] B. Nelson, Leland.	Difference---	(8-[illegible]-[illegible]	-130	+.3	+28
[illegible] ORMSBY [illegible]----------	25 daughters-	68	8,831	4.5	395
Born, [illegible], proved, [illegible]-[illegible]-49;----; Wis.	25 dams------	173	11,008	3.5	387
Sire, 706775; dam, 1613601.	Difference---	(3-25-15)	-2,177	+1.0	+8
Herd Owner, George Barthels, Two Rivers.					
MONTVIC LOCHINVAR 855[illegible]----------	11 daughters-	11	13,803	3.4	470
Born, 3-15-39; proved, 1-19-49; dead; N. Y.	5 daughters--	5	13,207	3.4	447
Sire, 115346 CHB; dam, 260278 CHB.	5 dams-------	7	12,368	3.6	450
Herd Owner, Henry Beacon, Carmel.	Difference---	(3-2-1)	+839	-.2	-3
MONTVIC LOCHINVAR 2D 876[illegible]----------	16 daughters-	24	12,301	3.7	459
Born, 10-17-40; proved, 1-17-49; alive; Minn.	16 daughters-	22	12,450	3.7	466
Sire, 129946 CHB; dam, 408474 CHB.	16 dams------	42	11,790	3.2	374
Herd Owner, Mattson Brothers, New York Mills.	Difference---	(11-16-12)	+660	+.5	+92
[illegible] PATHFINDER PRIZETAKER [illegible]681 *(Feb. 1948)----------	15 daughters-	21	12,006	3.8	461
Born, 11-15-41; proved, 1-17-49; alive; Va.	14 daughters-	20	11,794	3.9	458
Sire, 776307; dam, 1945538.	14 dams------	65	11,353	3.5	402
Herd Owner, Charles R. Hope & Son, Purcellville.	Difference---	(8-13-7)	+441	+.4	+56
NETTA ECHO OLLIE (TWIN) 851927----------	5 daughters--	12	9,790	3.3	322
Born, 12-3-41; proved, 1-19-49;----; Pa.	5 daughters--	7	9,191	3.3	303
Sire, 775[illegible]7; dam, 1855[illegible]3.	5 dams-------	21	7,495	3.3	250
Herd Owner, J. Thompson White, Hickory.	Difference---	(4-2-4)	+1,696	.0	+53
N J E S CONQUEROR GRANDEUR LINN 850655----------	5 daughters--	5	11,262	4.0	452
Born, 4-29-42; proved, 1-31-49;----; N. J.	5 dams-------	28	12,588	3.6	448
Sire, 673525; dam, 1934765.	Difference---	(2-5-3)	-1,326	+.4	+4
Herd Owner, Charles H. Kirby, Harrisonville.					
NORTH STAR CONNIE ESQUIRE 834649 *(Mar. 1948)----------	13 daughters-	21	12,643	3.5	439
Born, 6-21-41; proved, 1-31-49;----; Minn.	12 daughters-	19	12,957	3.5	449
Sire, 742938; dam, 2038677.	12 dams------	31	10,457	3.5	361
Used in Land O'Lakes A. B. A., Inc.	Difference---	(11-7-11)	+2,500	.0	+88
NORTH STAR CONQUEROR O'JOE 867373----------	5 daughters--	6	11,172	3.5	388
Born, 12-19-42; proved, 1-24-49;----; Wis.	5 dams-------	11	11,888	3.7	444
Sire, 764118; dam, 1651862.	Difference---	(1-1-0)	-716	-.2	-56
Herd Owner, Walter Mikula, Chetek.					
NORTH STAR MARTIAL CON 867364----------	6 daughters--	6	12,533	3.5	436
Born, 8-8-42; proved, 1-13-49;----; N. J.	6 dams-------	22	12,337	3.6	438
Sire, 764118; dam, 2075440.	Difference---	(3-2-3)	+196	-.1	-2
Herd Owner, Blossom Hill Farm, Lebanon.					
OAKDALE BESS ORMSBY SKYLARK 841254----------	5 daughters--	7	12,505	3.4	429
Born, 11-22-41; proved, 1-31-49;----; Iowa.	5 dams-------	15	11,768	3.6	421
Sire, 752479; dam, 1934211.	Difference---	(3-2-3)	+737	-.2	+8
Herd Owner, Training School for Girls, Mitchellville.					
ORMSBY COLANTHUS MERCEDES PIEBE 862536----------	5 daughters--	6	9,223	3.4	314
Born, 6-11-41; proved, 1-10-49; dead; N. Y.	5 dams-------	15	11,225	3.5	391
Sire, 784851; dam, 1786584.	Difference---	(1-2-1)	-2,002	-.1	-77
Herd Owner, William C. Anderson, Accord.					
ORMSBY PIEBE FOBES JACK 868118----------	9 daughters--	11	12,106	3.4	413
Born, 9-24-42; proved, 1-17-49;----; Iowa.	9 dams-------	34	12,276	3.4	422
Sire, 770832; dam, 2135101.	Difference---	(4-6-4)	-170	.0	-9
Herd Owner, George J. Becker, Watkins.					

HOLSTEIN SIRES

ORMSBY ST J O RONO KORNDYKE [illegible]	[illegible]	9	[illegible]	[illegible]	[illegible]
Born, [illegible]; proved, [illegible], dam; Mich.	[illegible]	[illegible]	12,106	[illegible]	422
Sire, [illegible]; dam, [illegible].	[illegible]	[illegible]	-53	-.1	-14
Herd Owner, Bernard Pearson, Foreston.					
OSBORNDALF SIR HOMESTEAD [illegible]	[illegible]	13	[illegible]	[illegible]	[illegible]
Born, 8-[illegible]-42; proved, [illegible]; ----; N. Y.	[illegible]	[illegible]	15,468	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	[illegible]	11	10,922	3.6	[illegible]
Herd Owner, Grover C. Chriss, Middleburg.	Difference---	(9-6-9)	+4,546	-.1	+143
OSWEGO RIVER ORMSBY PIEBE FAYNE [illegible] *(Feb. [illegible]	21 daughters-	29	[illegible]	[illegible]	[illegible]
Born, 5-13-41; proved, 1-18-49;----; N. Y.	17 daughters-	24	8,805	[illegible]	[illegible]
Sire, 593176; dam, [illegible].	17 dams------	47	10,536	[illegible]	[illegible]
Herd Owner, Asa G. Mouton, Winthrop.	Difference---	(3-11-4)	-1,731	+.2	-52
OVERHILL BAG APPLE RELIANCE [illegible]	7 daughters--		11,187	[illegible]	[illegible]
Born, 1-10-40; proved, 1-18-49;----; Mass.	7 dams------	11	12,121	[illegible]	[illegible]
Sire, 734067; dam, [illegible].	Difference---	(2-6-3)	[illegible]	+.2	-15
Herd Owner, Overhill Farm, Auburn.					
PABST BAPTA ORMSBY [illegible]	[illegible]	[illegible]	[illegible]	3.6	398
Born, 1-1-42; proved, 1-10-49; dead; Wis.	[illegible]	53	[illegible]	[illegible]	371
Sire, 761980; dam, 2020462.	Difference---	[illegible]	[illegible]	[illegible]	+27
Herd Owner, M. [illegible] & [illegible], Brookfield.					
PABST BURKE GOVERNOR [illegible]	5 daughters--		[illegible]	[illegible]	[illegible]
Born, 4-[illegible]-43; [illegible], Minn.	[illegible]	16	8,786	3.4	301
Sire, 697789; dam, [illegible].	Difference--	(4-2-4)	[illegible]	.0	+91
Herd Owner, Stukins & Erickson, La Crescent.					
PANSY ORMSBY ADMIRAL [illegible]	8 daughters--	[illegible]	9,885	3.7	[illegible]
Born, 1-10-4[illegible]; proved, [illegible]; ----; [illegible]	[illegible]	[illegible]	11,046	3.7	405
Sire, 743726; dam, 1610707.	Difference---	(2-6-2)	-1,161	.0	-36
Herd Owner, Furman Brothers, Mehoopany.					
PAWLET SIR BESS KATIE 808879	[illegible]	11	9,584	3.1	[illegible]
Born, 5-1-40; proved, 1-4-49;----; Vt.	7 daughters--	9	9,090	3.2	292
Sire, 697610; dam, 1778066.	[illegible]	12	[illegible]	[illegible]	357
Herd Owner, Francis W. Leach, Pawlet.	Difference---	(1-3-1)	-1,129	-.3	-65
PEVELY INKA BONHEUR 656028	10 daughters-	24	-2,206	3.5	422
Born, 10-3-31; proved, 1-17-49;----; Mo.	6 daughters--	10	11,964	3.3	[illegible]
Sire, 540931; dam, 1370[illegible].	6 dams-------	12	7,902	3.4	266
Herd Owner, R. P. Schuchart, Morehouse.	Difference---	(6-2-5)	+4,062	-.1	+129
PHILLSON ORMSBY JAFSIE 867016	5 daughters--	5	9,441	3.8	363
Born, 9-19-42; proved, 1-13-49;----; N. J.	5 dams-------	22	12,165	3.9	475
Sire, 770331; dam, 1889009.	Difference---	(0-3-1)	-2,724	-.1	+112
Herd Owner, S. Roy Crissey, Sussex.					
PIEBE MERCEDES AAGGIE 805296	8 daughters--	[illegible]	8,445	3.6	306
Born, 1-29-40; proved, 1-13-49;----; Wis.	5 daughters--	[illegible]	8,218	3.6	[illegible]
Sire, 778930; dam, 1819044.	5 dams-------	10	7,886	3.7	289
Herd Owner, Theodore Ibinger, Black River Falls.	Difference---	(2-2-2)	+332	-.1	[illegible]
PINE HOLLOW PAPOOSE ILLAK 806976	9 daughters--	[illegible]	8,507	[illegible]	[illegible]
Born, 8-20-39; proved, 1-12-49;----; Iowa.	5 daughters--	[illegible]	7,745	3.7	286
Sire, 698770; dam, 1934899.	5 dams-------	[illegible]	8,044	3.6	[illegible]
Herd Owner, Lester Mattke & Son, Fredericksburg.	Difference---	(3-4-[illegible])	-299	+.1	-4
POSCH ORMSBY DONNA DEAN 3D 850533	8 daughters--	[illegible]	[illegible]	3.6	[illegible]
Born, 1-6-42; proved, 1-5-49;----; Wis.	7 daughters--	7	11,921	3.7	439
Sire, 794820; dam, 1979924.	7 dams-------	22	10,953	[illegible]	424
Herd Owner, Frank D. Selden, Reedsburg.	Difference---	(4-2-4)	+968	-.2	+15
PRILLY PIEBE DEAN ORMSBY 767747	7 daughters--		6,337	[illegible]	239
Born, 1-8-38; proved, 1-17-49;----; Iowa.	6 daughters--		6,134	[illegible]	231
Sire, 709966; dam, 1373941.	6 dams-------		8,558	3.5	[illegible]
Herd Owner, Roy Wood, Ionia.	Difference---	(0-6-1)	-2,424	+.3	[illegible]
ROYAL PIEBE MAY SNOW BLEND 838676 *12	11 daughters-	[illegible]	10,608	3.6	384
Born, 8-14-41; proved, 1-10-49; dead; N. Y.	11 dams------	39	[illegible]	[illegible]	346
Sire, 770321; dam, 1812350.	Difference---	(6-10-5)	+713	+.1	[illegible]
Herd Owner, David Davies, Jr., Cuba.					
RUBE KING CARNATION 870706	7 daughters--	8	8,769	3.8	350
Born, 9-3-42; proved, 1-26-49;----; Iowa.	[illegible]	7	8,784	3.7	328
Sire, 827650; dam, 2025969.	6 dams-------	18	8,234	3.7	305
Herd Owner, Lester Mattke & Sons, Fredericksburg.	Difference---	(3-2-4)	[illegible]	.0	+23
SEGIS ORMSBY PIEBE COLANTHA 841202	11 daughters-	15	12,103	3.5	418
Born, 1-13-42; proved, 1-26-49;----; Ill.	6 daughters--	9	12,457	3.5	433
Sire, 762478; dam, 1470798.	6 dams-------	6	10,032	3.7	368
Herd Owner, Marti & Krusemark, Frankfort.	Difference---	(6-3-6)	+2,425	-.2	+65

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SEGIS TRITOMIA DE KOL PIETERTJE 856770 *(May 1948)---------	14 daughters-	18	11,649	3.3	381
Born, 10-16-41; proved, 1-14-49; dead; Iowa.	13 daughters-	17	11,527	3.3	377
Sire, 724903; dam, 1849584.	13 dams------	48	11,957	3.4	406
Herd Owner, Alfred Stewart, Oelwein.	Difference---	(5-4-5)	-430	-.1	-29
SENSATION FROSTY CLAY BETTY 850460----------	8 daughters--	9	10,029	3.5	354
Born, 10-27-41; proved, 1-25-49;----; Kans.	6 daughters--	7	10,238	3.5	363
Sire, 696774; dam, 2049671.	6 dams-------	9	10,774	3.6	383
Herd Owner, Milo Johnson, Scandia.	Difference---	(1-3-1)	-536	-.1	-20
SEVEN X UILKJE PAUL MERCEDES 866303 *(Aug.1948)----------	13 daughters-	18	13,582	3.5	480
Born, 7-29-42; proved, 1-31-49;----; Mont.	12 daughters-	17	13,848	3.5	486
Sire, 763595; dam, 1852483.	12 dams------	29	13,172	3.6	473
Herd Owner, J. C. Steiner, Billings.	Difference---	(8-6-8)	+676	-.1	+13
SHAWS AIM DAUNTLESS GOLD 839476----------	14 daughters-	15	11,280	3.4	386
Born, 2-23-42; proved, 1-26-49;----; Maine.	11 daughters-	11	11,173	3.4	385
Sire, 780041; dam, 1930691.	11 dams------	32	12,093	3.5	423
Herd Owner, Frank S. Goff & Sons, Hollis Center.	Difference---	(4-6-4)	-920	-.1	-38
SHIAWANA MUTUAL PAUL 862256----------	5 daughters--	6	15,487	3.9	608
Born, 11-20-42; proved, 1-31-49;----; Mich.	5 dams-------	17	12,157	3.8	467
Sire, 762103; dam, 1994096.	Difference---	(5-3-5)	+3,330	+.1	+141
Herd Owner, Jay F. Bowlby & Sons, Ovid.					
SINKING SPRINGS ORMSBY AL 839469----------	9 daughters--	14	11,270	3.6	409
Born, 12-9-40; proved, 1-26-49;----; Pa.	6 daughters--	9	10,906	3.5	387
Sire, 756943; dam, 1984475.	6 dams-------	17	13,989	3.4	476
Herd Owner, John S. Murphy, Woodbine.	Difference---	(0-5-0)	-3,083	+.1	-89
SIR BESS ORMSBY MAY BELMONT 847431 *12----------	11 daughters-	14	9,799	3.4	336
Born, 10-23-39; proved, 1-18-49; dead; Va.	8 daughters--	11	10,076	3.4	344
Sire, 748392; dam, 1849423.	8 dams-------	16	10,640	3.5	367
Herd Owner, B. E. McComb, Purcellville.	Difference---	(5-5-4)	-564	-.1	-23
SIR DOUGLAS BURKE PRIDE GERB-COLAN A 799843 *12----------	16 daughters-	30	13,279	3.9	520
Born, 9-18-39; proved, 1-7-49;----; Pa.	15 daughters-	28	13,603	3.9	534
Sire, 660575; dam, 1743009.	15 dams------	53	14,115	3.8	531
Herd Owner, Sherman Spotts, Beech Creek.	Difference---	(7-11-8)	-512	+.1	+3
SIR MAY SPOFFORD OLLIE 773372----------	6 daughters--	8	11,084	3.1	345
Born, 11-12-38; proved, 1-31-49;----; Pa.	5 daughters--	7	11,743	3.1	366
Sire, 671582; dam, 1663187.	5 dams-------	20	9,159	3.1	284
Herd Owner, George A. Stevenson, Jr., Prospect.	Difference---	(4-2-4)	+2,584	.0	+82
SIR ORMSBY MANDY PIEBE 837579----------	7 daughters--	10	11,367	3.6	411
Born, 9-2-41; proved, 1-25-49;----; Colo.	6 daughters--	9	11,995	3.6	429
Sire, 789931; dam, 2148154.	6 dams-------	24	10,458	3.8	397
Herd Owner, Fremont County Farm, Canon City.	Difference---	(4-2-3)	+1,537	-.2	+32
SIR ORMSBY SNOW 819206----------	6 daughters--	9	9,859	3.7	362
Born, 2-11-39; proved, 1-31-49;----; N. Y.	5 daughters--	7	10,059	3.6	365
Sire, 105252 CHB; dam, 2139371.	5 dams-------	5	12,013	3.4	410
Herd Owner, Frank Dolfini, Middletown.	Difference---	(2-4-1)	-1,954	+.2	-45
SIR ORMSBY VEEMAN TIDY 884208----------	6 daughters--	6	14,695	3.7	538
Born, 9-24-42; proved, 1-13-49;----; Iowa.	6 dams-------	11	12,526	3.5	432
Sire, 814444; dam, 2053739.	Difference---	(5-5-5)	+2,169	+.2	+106
Herd Owner, Donald V. Dee, Melbourne.					
SIR PIEBE JOHAN WALKER 672562 *5----------	26 daughters-	70	10,594	3.5	372
Born, 5-30-32; proved, 1-24-49;----; Va.	19 daughters-	46	10,660	3.5	374
Sire, 444324; dam, 692682.	19 dams------	86	11,502	3.6	409
Herd Owner, E. T. Willis, Culpeper.	Difference---	(5-11-6)	-842	-.1	-35
SIR RAG APPLE BLANCHE KORNDYKE 827050 *12----------	16 daughters-	25	10,332	3.5	361
Born, 12-24-40; proved, 1-25-49; dead; N. Y.	15 daughters-	23	10,252	3.5	360
Sire, 778700; dam, 1811415.	15 dams------	44	10,582	3.5	368
Herd Owner, William E. Bensley, Jr., Springville.	Difference---	(5-10-6)	-330	.0	-8
SIR SEGIS FOBES CLOTHILDE 829796 *(Mar. 1948)----------	10 daughters-	12	13,798	3.8	521
Born, 12-23-40; proved, 1-25-49; dead; Mich.	10 dams------	40	12,200	3.7	453
Sire, 780119; dam, 2013317.	Difference---	(6-6-7)	+1,598	+.1	+68
Herd Owner, Mrs. Raymond Eifert & Sons, Mason.					
SIR SKYLARK TALL BOY 839355 *(May 1948)----------	10 daughters-	13	11,500	3.2	369
Born, 10-11-41; proved, 1-10-49;----; Minn.	10 dams------	26	11,823	3.2	383
Sire, 786582; dam, 1899139.	Difference---	(3-5-2)	-323	.0	-14
Herd Owner, Clarence Jergens, Hutchinson.					
STARWOOD JUDGE KARMA 847733----------	7 daughters--	9	9,332	3.6	339
Born, 5-12-41; proved, 1-18-49;----; Kans.	5 daughters--	6	9,279	3.6	336
Sire, 735433; dam, 2052792.	5 dams-------	12	8,341	3.6	303
Herd Owner, Robert Burgsten, Green.	Difference---	(2-2-2)	+938	.0	+33

HOLSTEIN SIRES	[illegible]	[illegible]	Milk	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
SUNNYBANK KING BURKE 826300 *12----------	11 daughters-	19	12,373	3.8	467
Born, 2-1-41; proved, 1-17-49; dead; Iowa.	11 dams------	51	13,922	3.5	482
Sire, 740361; dam, 2044013.	Difference---	(4-11-6)	-1,549	+.3	-15
Herd Owner, Spies & Lein, Graettinger.					
SYLVIUS POSCH 783660----------	12 daughters-	12	8,902	3.2	288
Born, 12-15-38; proved, 1-12-49; dead; N. Y.	6 daughters--	6	9,146	3.3	304
Sire, 740519; dam, 1747995.	6 dams-------	11	8,369	3.3	280
Herd Owner, Menzo Brooker, South New Berlin.	Difference---	(4-3-4)	+777	.0	+24
TRITOMIA PEARL OF BEREA 836821 *(Mar. 1948)----------	21 daughters-	26	15,127	3.4	517
Born, 3-27-41; proved, 1-17-49;----; Ky.	18 daughters-	23	15,244	3.4	517
Sire, 722080; dam, 1850526.	18 dams------	45	11,697	3.5	406
Herd Owner, Berea College, Berea.	Difference---	(18-8-18)	+3,547	-.1	+111
TWI-CHIEF PIEBE PRIDE COLA-GERB HERO 761754 *10----------	39 daughters-	94	13,143	3.8	505
Born, 9-19-37; proved, 1-10-49;----; Va.	38 daughters-	93	13,201	3.8	506
Sire, 444088; dam, 1756206.	38 dams------	134	13,554	3.8	517
Herd Owner, G. M. James, Herndon.	Difference---	(14-23-17)	-353	.0	-11
U-MO POSCH ORMSBY BEST 869376----------	7 daughters--	11	10,823	3.8	408
Born, 4-24-42; proved, 1-17-49;----; Mo.	6 daughters--	9	10,926	3.8	416
Sire, 816269; dam, 1930397.	6 dams-------	12	9,873	3.7	366
Herd Owner, George Geiger & Son, Boonville.	Difference---	(4-5-5)	+1,053	+.1	+50
U NEB MAN GERMAST 826194----------	9 daughters--	9	13,137	3.6	470
Born, 5-27-41; proved, 1-7-49; dead; Nebr.	7 daughters--	7	12,858	3.6	458
Sire, 631829; dam, 2027355.	7 dams-------	12	11,986	3.6	432
Used in Lancaster Non-Stock Co-op. A. B. A.	Difference---	(4-3-4)	+872	.0	+26
U OF MD MASTER MAGNET 877440----------	10 daughters-	10	10,885	3.9	423
Born, 2-6-43; proved, 1-31-49;----; Va.	8 daughters--	8	11,198	3.8	430
Sire, 751641; dam, 2027360.	8 dams-------	35	11,414	3.7	423
Herd Owner, F. E. Peck & Sons, Herndon.	Difference---	(2-6-3)	-216	+.1	+7
UX-SPRING RAG APPLE SUPREME 865037----------	7 daughters--	11	13,654	3.4	458
Born, 4-25-40; proved, 1-12-49; dead; N. Y.	5 daughters--	7	13,334	3.4	451
Sire, 126915 CHB; dam, 311956 CHB.	5 dams-------	13	11,625	3.7	435
Herd Owner, Grant D. Langdon, Copake.	Difference---	(4-1-4)	+1,709	-.3	+16
VALESIDE EBONY POSCH 851410----------	5 daughters--	5	13,061	3.7	478
Born, 12-19-41; proved, 1-19-49;----; N. Y.	5 dams-------	11	12,950	3.4	445
Sire, 771664; dam, 1837485.	Difference---	(4-4-3)	+111	+.3	+33
Herd Owner, Broadmeadow Farm, Dolgeville.					
VERNON INKA BARNEY 743430----------	47 daughters-	125	11,255	3.6	408
Born, 11-23-34; proved, 1-18-49;----; Wash.	5 daughters--	8	13,076	3.5	453
Sire, 671579; dam, 1695809.	5 dams-------	24	15,214	3.2	490
Herd Owner, Harold Pierson, Mt. Vernon.	Difference---	(1-5-2)	-2,138	+.3	-37
WHITE STAR COLUMBO 927472----------	6 daughters--	9	11,595	3.7	430
Born, 2-15-40; proved, 1-19-49;----; Wis.	5 daughters--	8	12,062	3.7	446
Sire, 749614; dam, 2090850.	5 dams-------	10	13,421	3.2	433
Herd Owner, Arthur R. Schuelke, Manawa.	Difference---	(1-5-3)	-1,359	+.5	+13
WILSON FARM LAKEFIELD HAY 853996 *12----------	11 daughters-	17	8,584	3.6	307
Born, 9-1-40; proved, 1-17-49;----; Pa.	11 dams------	48	10,458	3.4	355
Sire, 612743; dam, 1990151.	Difference---	(1-9-4)	-1,874	+.2	-48
Herd Owner, Ralph A. Hay, Saxonburg.					
WIMBLEDON EMPEROR BEETS 773963 *11----------	13 daughters-	25	12,276	3.4	416
Born, 1-28-39; proved, 1-14-49; dead; Ohio.	12 daughters-	23	12,251	3.4	418
Sire, 671030; dam, 1878962.	12 dams------	34	11,760	3.4	397
Used in Western Ohio A. B. A.	Difference---	(7-6-7)	+491	.0	+21
WIMBLEDON EMPEROR POSCH FAYNE 850514----------	13 daughters-	15	11,631	3.7	433
Born, 2-14-42; proved, 1-19-49;----; Va.	9 daughters--	10	11,467	3.7	428
Sire, 671030; dam, 1565783.	9 dams-------	19	10,631	3.6	383
Herd Owner, Meadow Farm, Orange.	Difference---	(6-8-6)	+836	+.1	+45
WINTERTHUR FOBES POSCH XERXES 847439----------	11 daughters-	11	11,140	3.4	380
Born, 1-31-42; proved, 1-18-49;----; N. Y.	11 dams------	47	12,032	3.4	406
Sire, 729449; dam, 1934444.	Difference---	(3-6-3)	-892	.0	-26
Herd Owner, Greendale Farm, South Salem.					
WINTERTHUR SELECT FOBES WALLACE 835921 *12----------	17 daughters-	19	14,603	3.6	522
Born, 10-19-41; proved, 1-17-49; alive; N. Y.	17 dams------	69	12,385	3.6	443
Sire, 750000; dam, 2061858.	Difference---	(14-9-14)	+2,218	.0	+79
Herd Owner, George S. Cowles & Son, Ashville.					
WINTERTHUR STAR GREAT VULCAN (TWIN) 809392----------	14 daughters-	24	11,069	3.4	380
Born, 7-6-40; proved, 1-4-49; dead; Md.	6 daughters--	10	11,835	3.4	399
Sire, 742081; dam, 1923001.	6 dams-------	12	10,885	3.3	354
Herd Owner, E. D. Peters, Union Bridge.	Difference---	(2-5-3)	+950	+.1	+45

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WISCONSIN DAUNTLESS JOE [illegible] *12	21 daughters-	31	13,033	3.8	495
Born, [illegible]; proved, 1-17-49; alive; Maine.	20 daughters-	30	13,081	3.8	496
Sire, [illegible]; dam, [illegible].	20 dams------	60	11,849	3.5	417
Used in Maine Co-op. A. B. A.	Difference---	(14-18-15)	+1,232	+.3	+79
WMBRO BUCK PRINCE [illegible]	6 daughters--	8	14,077	3.6	505
Born, [illegible]; proved, 1-10-49;----; Pa.	6 dams-------	27	11,857	3.5	415
Sire, [illegible]; dam, [illegible].	Difference---	(5-4-5)	+2,220	+.1	+90
Herd Owner, William R. Brown, Delta.					
13*17,573 (BANGS OR TB EARTAG)	6 daughters--	9	8,975	4.0	355
Born, ----; proved, 1-7-49;----; Vt.	6 dams-------	20	10,742	3.5	380
Sire, ----; dam, ----.	Difference---	(1-5-3)	-1,767	+.5	-25
Herd Owner, Max I. Gray, Plainfield.					
21-J[illegible] (NON EARTAG)	7 daughters--	13	11,158	3.5	386
Born, [illegible]; proved, 1-14-49;----; N. Y.	7 dams-------	26	12,159	3.5	422
Sire, ----; dam, ----.	Difference---	(0-4-2)	-1,001	.0	-36
Herd Owner, George Gifford Stoll, Hinsdale.					
[illegible] (BANGS OR TB EARTAG)	[illegible] daughters-	28	11,883	3.2	372
Born, ----; proved, [illegible]; N. Y.	[illegible] daughters--	[illegible]	11,840	3.[illegible]	384
Sire, ----; dam, ----.	[illegible] dams------	8	11,602	3.5	401
Herd Owner, [illegible] Farm, Leesburg.	Difference---	(3-2-3)	+238	-.3	-17
[illegible] (BANGS OR TB EARTAG)	[illegible]	[illegible]	11,090	3.4	373
Born, [illegible]; proved, [illegible]; [illegible].	[illegible] daughters-	22	11,220	3.4	378
Sire, ----; dam, ----.	10 dams------	17	8,433	3.4	284
Herd Owner, [illegible] Brothers, River Falls.	Difference---	(10-4-9)	+2,787	.0	+94
[illegible] (NON EARTAG)	15 daughters-	36	10,144	3.7	379
Born, ----; proved, 1-6-49;----; Mo.	15 daughters-	29	9,907	3.8	374
Sire, ----; dam, ----.	15 dams------	60	10,231	3.6	372
Herd Owner, O. J. Warford, Armstrong.	Difference---	(6-13-7)	-324	+.2	+2

JERSEY SIRES					
[illegible] SCIENTIST 398190	[illegible] daughters-	[illegible]	5,787	5.3	304
Born, 5-2-38; proved, 1-19-49;----; Iowa.	[illegible] daughters-	19	5,374	5.2	281
Sire, 351080; dam, 1015218.	[illegible] dams------	12	5,484	4.9	270
Herd Owner, Harry & Celia Buffum, LeRoy.	Difference---	(5-9-6)	-110	+.3	+11
ADVANCER VOL. DICTATOR 398840	11 daughters-	18	7,944	4.7	373
Born, 9-7-38; proved, 1-24-49;----; Ohio.	5 daughters--	7	8,247	4.5	370
Sire, 367164; dam, 1153937.	5 dams-------	14	8,520	4.7	398
Used in Central Ohio Co-op. A. B. A.	Difference---	(3-1-1)	-273	-.2	-28
ANNETTE'S IMPROVER 427749	5 daughters--	6	9,113	5.0	454
Born, 11-21-41; proved, 1-25-49;----; Pa.	5 dams-------	16	7,869	5.3	419
Sire, 375665; dam, 1008215.	Difference---	(3-1-3)	+1,244	-.3	+35
Herd Owner, Mary Ellen Aspden, Doylestown.					
ARCADIA PATCY PART 38859	9 daughters--	14	6,278	5.3	336
Born, 3-10-37; proved, 1-19-49;----; Maine.	8 daughters--	13	6,607	5.4	356
Sire, 347920; dam, [illegible].	8 dams-------	19	7,810	4.9	383
Herd Owner, R. H. Boothby & Sons, Livermore Falls.	Difference---	(2-8-2)	-1,203	+.5	-27
BALLSTON KNIGHT OF WALHALLA [illegible]	10 daughters-	15	4,519	5.1	232
Born, 9-12-39; proved, 1-18-49;----; N. Y.	5 daughters--	8	4,272	5.3	226
Sire, 382959; dam, 1203060.	5 dams-------	10	5,224	5.1	269
Herd Owner, Gleason A. White, Duanesburg.	Difference---	(1-3-1)	-952	+.2	-43
BEAUTY NOBLE DESIGN 449615	6 daughters--	6	9,580	5.5	523
Born, 11-26-42; proved, 1-31-49;----; Ill.	6 dams-------	18	8,069	5.2	416
Sire, 389977; dam, 963657.	Difference---	(5-6-5)	+1,511	+.3	+107
Herd Owner, Lloyd Elson & Sons, Windsor.					
BEECHLAND ALERT VOLUNTEER 430246 *(Mar. 1948)	13 daughters-	17	7,177	5.1	363
Born, 4-27-41; proved, 1-25-49;----; Ohio.	12 daughters-	16	7,267	5.0	366
Sire, 398815; dam, 1184093.	12 dams------	56	7,311	4.7	342
Used in Northern Ohio Co-op. A. B. A.	Difference---	(5-10-8)	-44	+.3	+24
BELLE'S ESTELLA VOLUNTEER 430901	7 daughters--	8	8,344	5.0	418
Born, 11-20-41; proved, 1-26-49;----; Wis.	5 daughters--	6	8,819	5.1	452
Sire, 357049; dam, 1224331.	5 dams-------	18	7,958	5.0	400
Herd Owner, Lee R. Wilkins, Livingston.	Difference---	(3-3-3)	+861	+.1	+52
BERNIE FERDINAND [illegible]	13 daughters-	15	9,355	5.4	504
Born, 11-25-38; proved, 1-24-49;----; Minn.	7 daughters--	8	8,924	5.8	514
Sire, 362092; dam, 1016044.	7 dams-------	25	7,254	6.2	449
Herd Owner, John Furness, Underwood.	Difference---	(6-3-6)	+1,670	-.4	+65

JERSEY SIRES	Animals				
BESSIE'S INTEREST [illegible]	10 daughters-	[illegible]	[illegible]	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]----, Ind.	7 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, 64[illegible].	7 dams-------	[illegible]	8,095	[illegible]	[illegible]
Herd Owner, Elmer Schmaltz, Royal Center.	Difference---	(4-5-5)	-473	[illegible]	+13
BILTMORE STANDARD ROASTER 4[illegible]	16 daughters-	18	[illegible]	5.5	[illegible]
Born, 7-8-42, proved, 1-[illegible]----; Mich.	8 daughters--	10	[illegible]	[illegible]	492
Sire, 364[illegible]1; dam, 1130[illegible].	8 dams-------	[illegible]	7,911	[illegible]	432
Used in Southeastern A. B. A., N. C.	Difference---	(7-5-6)	+1,364	-.2	+60
BLONDE PIONEER S. A. 38504	5 daughters--	8	7,048	[illegible]	366
Born, 8-29-34; proved, 1-18-49;----; Ind.	5 dams-------	6	7,226	[illegible]	[illegible]
Sire, 351299; dam, 1006664.	Difference---	(3-3-3)	-178	+.1	-4
Herd Owner, Floyd Benson & [illegible], New Castle.					
BRAMPTON ROYAL AIM HIGH 391550	18 daughters-	28	6,742	[illegible]	[illegible]
Born, 11-[illegible]-37; proved, [illegible]----; [illegible].	14 daughters--	[illegible]	6,764	5.0	339
Sire, P.S. 713[illegible] H.S.; dam, [illegible] 34006 E.C.	14 dams-------	41	6,988	[illegible]	[illegible]
Herd Owner, Richard A. Brackett, Elk Mound.	Difference---	(5-8-4)	-224	.0	-11
BRAMPTON SYBIL BEL[illegible]	[illegible]	[illegible]	8,221	[illegible]	418
Born, 4-28-41; proved, 1-24-49;----; Va.	5 [illegible]	[illegible]	8,407	[illegible]	402
Sire, [illegible]	[illegible]	(2-2-3)	-186	+.3	+16
Herd Owner, [illegible]					
CHRISTMAS EVE [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Born, 7-[illegible], Va.	5 dams-------	[illegible]	8,719	5.6	[illegible]
Sire, 35[illegible]; [illegible]	[illegible]	(1-5-1)	-1,153	+.4	[illegible]
Herd Owner, Montpelier [illegible]					
CLARA'S GOLDEN PRINCE 415196	9 daughters--	9	[illegible]	[illegible]	326
Born, 5-3-40; proved, 1-14-49;----; Minn.	5 daughters--	5	5,964	[illegible]	[illegible]
Sire, 386028; dam, 1130169.	5 dams-------	[illegible]	[illegible]	[illegible]	353
Herd Owner, John Stopel, Lester Prairie.	Difference---	(1-2-1)	-1,170	+.3	-42
COMBINATION OWL GOLDMINER 44[illegible]45	10 daughters--	10	7,096	[illegible]	[illegible]
Born, 1-14-42; proved, 1-7-49; alive; Ohio.	[illegible]	8	7,215	5.1	[illegible]
Sire, 363475; dam, 114[illegible].	[illegible]	22	7,613	[illegible]	[illegible]
Herd Owner, W. H. Kellogg & Sons, Rome.	Difference---	(3-5-3)	[illegible]	+.1	-12
COME SON VOLUNTEER VICTOR 176[illegible]	16 daughters-	33	9,055	5.0	[illegible]
Born, 5-15-34; proved, 1-4-49;----; Wash.	14 daughters-	[illegible]	9,140	5.0	456
Sire, 292917; dam, 832909.	14 dams-------	26	9,134	[illegible]	475
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(5-6-5)	+6	-.2	-19
DANDY GIRL'S DESIGN 348377	12 daughters-	21	6,268	5.0	311
Born, 2-23-32; proved, 1-17-49;----; Tenn.	6 daughters--	8	5,996	4.8	287
Sire, 331175; dam, 820649.	6 dams-------	15	6,660	5.0	[illegible]
Herd Owner, N. R. Wilson, Charleston.	Difference---	(2-2-2)	-664	-.2	-47
DEANO CORONATOR 432647	11 daughters-	14	7,530	5.5	418
Born, 11-11-41; proved, 1-10-49; dead; Oreg.	[illegible] daughters--	8	7,490	5.6	421
Sire, 402780; dam, 1230909.	6 dams-------	11	6,769	5.9	402
Herd Owner, Herbert P. Eby, Redmond.	Difference---	(4-2-4)	+721	-.3	+15
DESIGN STOCKWELL NOBLE 428620	11 daughters-	14	7,451	5.3	[illegible]
Born, 8-27-40; proved, 1-14-49;----; Pa.	7 daughters--	8	8,157	5.4	440
Sire, 382593; dam, 1081195.	7 dams-------	[illegible]	7,569	5.1	[illegible]
Used in New Castle Co-op. A. B. A.	Difference---	(4-6-5)	+588	+.3	+55
DOUBLE DESIGN OBSERVER 381954	16 daughters-	16	5,588	5.2	288
Born, 3-27-36; proved, 1-6-49; dead; Ky.	10 daughters-	10	5,564	5.3	[illegible]
Sire, 362227; dam, 1055830.	10 dams------	12	5,562	5.0	280
Herd Owner, Chris Camenisch & Son, Stanford.	Difference---	(4-8-6)	+2	+.3	+15
DREAMER SYBIL RILEY 431309	9 daughters--	[illegible]	10,783	5.0	543
Born, 10-30-41; proved, 1-26-49;----; Conn.	5 daughters--	[illegible]	11,016	5.1	563
Sire, 356237; dam, 1229920.	5 dams-------	[illegible]	9,583	5.2	495
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference---	(4-2-5)	+1,433	-.1	+68
EMBLEM OF WORSELL 428138	6 daughters--	7	8,844	4.6	406
Born, 6-17-41; proved, 1-24-49;----; Md.	6 dams-------	15	7,530	5.0	377
Sire, 383961; dam, 1222088.	Difference---	(5-2-2)	+1,314	-.4	+29
Herd Owner, Worsell Manor, Cecilton.					
ENA'S DOTTRINA DESIGN 420189	12 daughters-	13	5,647	4.9	276
Born, 8-28-40; proved, 1-13-49;----; Tenn.	8 daughters--	9	5,394	4.8	260
Sire, 359224; dam, 1076488.	8 dams-------	24	6,188	5.1	313
Herd Owner, Mayfield Farms, Athens.	Difference---	(4-5-2)	-794	-.3	-53
FEDELIA'S FOX 411[illegible]	16 daughters-	25	7,091	5.4	381
Born, 6-25-37; proved, 1-24-49;----; Va.	9 daughters--	15	7,105	5.2	372
Sire, 357462; dam, 1062563.	9 dams-------	19	7,513	5.1	380
Herd Owner, Milford Dairy Farm, Somerset.	Difference---	(5-6-6)	-408	+.1	-8

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FERDINAND OF PEFFER FARMS 392598	5 daughters--	11	8,437	5.3	446
Born, 5-21-38; proved, 1-19-49;----; Calif.	5 dams-------	30	9,007	5.2	470
Sire, 359644; dam, 942434.	Difference---	(3-2-1)	-570	+.1	-24
Herd Owner, M. F. Palmer, Oakdale.					
FILLPAIL JUNIOR DESIGN 406875	7 daughters--	9	7,018	5.2	363
Born, 8-6-39; proved, 1-18-49;----; Va.	5 daughters--	6	7,067	5.2	367
Sire, 351912; dam, 1150179.	5 dams-------	14	7,393	5.1	376
Herd Owner, W. W. Sanford, Orange.	Difference---	(2-4-3)	-326	+.1	-9
FLOSS DUKE MODEL TYLER 395583	7 daughters--	11	8,959	5.0	452
Born, 9-25-38; proved, 1-26-49;----; Vt.	5 daughters--	7	9,288	5.0	464
Sire, 369058; dam, 1124547.	5 dams-------	11	6,892	5.5	382
Herd Owner, R. Loyd Chaffee, Enosburg Falls.	Difference---	(3-0-3)	+2,396	-.5	+82
GAMBOGE BLONDE OF MT. EPHRAIM 414670 *(Mar. 1948)	11 daughters-	16	8,628	5.0	428
Born, 5-19-40; proved, 1-24-49;----; Vt.	11 dams------	55	8,517	5.1	431
Sire, 376115; dam, 1010664.	Difference---	(7-4-7)	+111	-.1	-3
Herd Owner, Derrick A. Dutton, Springfield.					
GIPSY INTEREST SON OBSERVER 437856	9 daughters--	11	7,777	5.0	389
Born, 1-7-42; proved, 1-4-49;----; Ill.	6 daughters--	8	7,242	5.1	371
Sire, 378562; dam, 1142382.	6 dams-------	23	7,632	5.2	399
Herd Owner, G. Emmett Risley, Mt. Carmel.	Difference---	(2-3-2)	-390	-.1	-28
GLENBURN ROYAL CRYSTAL 420315	7 daughters--	9	7,207	5.1	366
Born, 12-12-40; proved, 1-10-49;----; Pa.	5 daughters--	6	7,407	5.0	367
Sire, 399723; dam, 1204377.	5 dams-------	10	6,742	5.1	345
Herd Owner, H. F. Green, Tinicum.	Difference---	(2-2-3)	+665	-.1	+22
HERMITAGE VICTOR SCHERZO 432086	7 daughters--	8	5,656	5.8	327
Born, 3-4-41; proved, 1-10-49;----; Mass.	5 daughters--	5	5,618	5.8	328
Sire, 379780; dam, 1149695.	5 dams-------	7	7,874	5.0	393
Herd Owner, William Houghton, Hingham.	Difference---	(0-5-1)	-2,256	+.8	-65
HIGHLAWN TORONO SIEGFRIED 376677 *11	45 daughters-	98	10,182	5.5	558
Born, 4-30-36; proved, 1-13-49; alive; Mass.	44 daughters-	97	10,262	5.5	561
Sire, 289957; dam, 628461.	44 dams------	187	9,188	5.3	488
Herd Owner, High Lawn Farm, Lenox.	Difference---	(36-29-38)	+1,074	+.2	+73
HOPE TORMENTOR 440523	11 daughters-	15	6,366	5.9	377
Born, 11-5-41; proved, 1-14-49;----; Iowa.	6 daughters--	8	6,018	6.0	359
Sire, 403809; dam, 1029552.	6 dams-------	11	7,798	5.6	439
Herd Owner, Alfred Keffeler, Remsen.	Difference---	(2-3-2)	-1,780	+.4	-80
ILLINI LEDA VICTOR 395317	7 daughters--	8	7,647	5.3	406
Born, 7-13-38; proved, 1-25-49;----; Ill.	7 dams-------	21	9,071	4.9	449
Sire, 301420; dam, 781867.	Difference---	(2-5-2)	-1,424	+.4	-43
Herd Owner, Robert Stiff, Dundas.					
IMP. MERRY AIM 430784	14 daughters-	15	6,204	5.0	312
Born, 9-3-40; proved, 1-19-49;----; Md.	9 daughters--	9	6,156	4.9	303
Sire, P. S. 7293 H. C.; dam, 1261076.	9 dams-------	9	6,939	5.1	352
Herd Owner, Mrs. Hoagland Gates, Elkton.	Difference---	(4-3-4)	-783	-.2	-49
IVY LAD'S MAJOR 391609	9 daughters--	12	5,049	5.6	285
Born, 10-18-37; proved, 1-19-49;----; Pa.	6 daughters--	8	4,945	5.7	284
Sire, 338482; dam, 931248.	6 dams-------	20	6,366	5.6	356
Herd Owner, Norman Emery, Enon Valley.	Difference---	(2-2-2)	-1,421	+.1	-72
JESTER NOBLE AIM 438981	7 daughters--	8	8,210	5.1	422
Born, 11-9-40; proved, 1-10-49;----; Iowa.	5 daughters--	6	8,252	5.0	415
Sire, 93100 CJCC; dam, 100426 CJCC.	5 dams-------	17	8,171	4.9	402
Herd Owner, S. B. Worth, Monroe.	Difference---	(3-3-3)	+81	+.1	+13
LILAC CORONATOR STAR BOY 402779	11 daughters-	15	8,824	5.3	464
Born, 8-29-38; proved, 1-24-49;----; Oreg.	6 daughters--	9	8,213	5.5	450
Sire, 376690; dam, 908818.	6 dams-------	8	9,797	5.1	495
Herd Owner, V. A. Parker, Blachly.	Difference---	(2-5-1)	-1,584	+.4	-45
LILAC FLASHY GOVERNOR 411271	11 daughters-	11	10,111	5.9	601
Born, 9-10-39; proved, 1-18-49;----; Oreg.	7 daughters--	7	10,013	6.1	608
Sire, 369422; dam, 1162876.	7 dams-------	13	10,174	6.2	632
Herd Owner, H. J. Merz, Ada.	Difference---	(3-4-2)	-161	-.1	-24
LILAC REMUS HERALD 414844	7 daughters--	7	7,735	5.3	408
Born, 9-16-40; proved, 1-19-49;----; Maine.	6 daughters--	6	7,688	5.3	404
Sire, 328497; dam, 922554.	6 dams-------	12	6,936	5.4	375
Used in Central Maine A. B. A.	Difference---	(4-2-5)	+752	-.1	+29
MAJESTY JURY LILAC REMUS 408686	7 daughters--	11	9,443	5.1	484
Born, 11-1-38; proved, 1-31-49;----; Wash.	6 daughters--	10	9,617	5.1	488
Sire, 328497; dam, 1120713.	6 dams-------	24	9,184	5.3	483
Herd Owner, Fred A. Wall, Centralia.	Difference---	(4-2-4)	+433	-.2	+5

JERSEY SIRES	[illegible]	[illegible]	[illegible]	Test	[illegible]
	[illegible]	[illegible]	[illegible]	Percent	Pounds
MAPLEWOOD REX [illegible]--------	8 daughters--	12	7,445	[illegible]	[illegible]
Born, 11-6-[illegible]; proved, 1-18-47;----; Conn.	5 daughters--	6	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	[illegible] dams-------	[illegible]	6,638	5.4	357
Herd Owner, A. D. Smith, Norfolk.	Difference---	(4-2-4)	+1,034	-.1	[illegible]
MARTINA'S BLONDE DESIGN 391874--------	7 daughters--	9	6,247	[illegible]	[illegible]
Born, 11-11-37; proved, 1-10-49;----; Pa.	6 daughters--	7	[illegible]	5.3	[illegible]
Sire, [illegible]; dam, 816252.	[illegible] dams-------	21	7,291	[illegible]	[illegible]
Herd Owner, Stanley A. Koontz, Bedford.	Difference---	(2-3-1)	-1,033	.0	-61
MARY'S AIM [illegible]--------	11 daughters-	18	6,797	[illegible]	[illegible]
Born, 10-7-35; proved, 1-4-49;----; Wis.	6 daughters--	10	[illegible]	4.9	339
Sire, P. S. 7003 H. C.; dam, 1150755.	6 dams-------	9	7,219	[illegible]	[illegible]
Herd Owner, Gil Bar Farm, Janesville.	Difference---	(3-2-2)	-277	-.2	-32
MERIDALE ROBELINE IT 433928--------	6 daughters--	6	[illegible]	4.7	[illegible]
Born, 7-23-41; proved, 1-7-49; dead; N. Y.	6 dams-------	20	6,448	5.0	[illegible]
Sire, 373034; dam, 1078679.	Difference---	(3-1-1)	-549	-.3	-47
Herd Owner, Gleason A. White, Duanesburg.					
MYSTERY NOBLE OXFORD 435508--------	5 daughters--	5	7,057	5.7	401
Born, 3-24-42; proved, 1-24-49;----; Pa.	5 dams-------	18	7,537	5.5	414
Sire, 393713; dam, 1150659.	Difference---	(1-3-1)	-480	+.2	-13
Herd Owner, Roy L. Simpson & Son, Marion Center.					
NIBS BECK OF OLD FORGE 415940--------	7 daughters--	10	7,030	5.4	377
Born, 12-27-39; proved, 1-17-49;----; Pa.	5 daughters--	8	7,439	5.4	399
Sire, 390490; dam, 1090792.	5 dams-------	22	6,741	5.0	340
Herd Owner, Old Forge Farm, Spring Grove.	Difference---	(4-4-4)	+698	+.4	+59
NOBLE AIM'S BLONDE VICTOR 408741--------	6 daughters--	8	5,565	5.1	285
Born, 7-12-39; proved, 1-17-49;----; Mo.	6 dams-------	17	8,105	4.9	396
Sire, 367551; dam, 1082001.	Difference---	(1-4-1)	-2,540	+.2	-111
Herd Owner, Cedar Hill Farm, St. Joseph.					
NURIEL FRANCHISE AIM 414890 *12--------	19 daughters-	32	6,920	5.3	370
Born, 3-19-40; proved, 1-25-49;----; Mo.	13 daughters-	24	6,770	5.3	357
Sire, 399955; dam, 1150670.	13 dams------	20	8,489	5.2	446
Used in M. F. A. A. B. A.	Difference---	(3-6-3)	-1,719	+.1	-89
OAK GROVE OWL 272137--------	20 daughters-	65	7,701	5.6	431
Born, 9-9-26; proved, 1-7-49;----; Ill.	6 daughters--	23	7,657	5.5	422
Sire, 163331; dam, 323897.	6 dams-------	23	8,809	5.7	500
Herd Owner, H. P. Bicknell, Lovington.	Difference---	(1-2-0)	-1,152	-.2	-78
OBSERVER FORWARD PAXIE 388537--------	9 daughters--	13	6,293	5.5	347
Born, 1-2-38; proved, 1-18-49;----; Ind.	5 daughters--	7	6,620	5.4	357
Sire, 344610; dam, 973629.	5 dams-------	8	6,369	5.1	326
Herd Owner, Stamper & Keesling, Middletown.	Difference---	(3-4-3)	+251	+.3	+31
OXFORD BLUSHING CHIEF 385064--------	8 daughters--	13	6,830	5.4	369
Born, 12-28-36; proved, 1-5-49; dead; Oreg.	8 dams-------	18	7,815	5.3	413
Sire, 360544; dam, 859524.	Difference---	(2-6-2)	-985	+.1	-44
Herd Owner, I. D. Wonderly, Corvallis.					
OXFORD SYBIL CHAMPION 416870 *12--------	14 daughters-	25	7,652	5.6	428
Born, 1-19-40; proved, 1-26-49; dead; Pa.	14 dams------	93	8,464	5.6	473
Sire, 387920; dam, 976356.	Difference---	(4-7-4)	-812	.0	-45
Herd Owner, C. C. Pollock, Marion Center.					
OXFORD SYBIL SWEET KING 439083--------	8 daughters--	8	5,932	5.7	337
Born, 5-30-42; proved, 1-7-49;----; Pa.	6 daughters--	6	5,687	5.7	327
Sire, 356171; dam, 1032580.	6 dams-------	27	7,202	5.4	391
Herd Owner, Spencer Farms, Newville.	Difference---	(1-4-1)	-1,515	+.3	-64
PLEASANT VIEW VICTORY 470183--------	5 daughters--	6	8,569	4.8	409
Born, 9-5-41; proved, 1-10-49;----; Md.	5 dams-------	13	8,016	4.6	366
Sire, 398271; dam, 1238371.	Difference---	(3-3-3)	+553	+.2	+43
Herd Owner, McKinley Rosier, Parkton.					
POGIS DIAMOND [illegible]--------	15 daughters-	22	7,817	5.6	440
Born, 6-20-40; proved, 1-10-49;----; Mich.	6 daughters--	[illegible]	8,316	5.5	456
Sire, [illegible]; dam, [illegible].	[illegible] dams-------	[illegible]	7,806	[illegible]	[illegible]
Herd Owner, Glen Eldred, Blanchard.	Difference---	[illegible]	+510	+.1	+37
PREMIER OXFORD JOCK 420651--------	8 daughters--	16	6,569	4.7	[illegible]
Born, 6-10-40; proved, 1-26-49; dead; Del.	7 daughters--	[illegible]	[illegible]	[illegible]	320
Sire, 395796; dam, 976568.	[illegible] dams-------	[illegible]	[illegible]	[illegible]	[illegible]
Herd Owner, Henry C. Mitchell, Hockessin.	Difference---	[illegible]-5-3)	-638	+.2	-16
PRIMATE DAIRY VOLUNTEER 396654--------	10 daughters-	11	6,250	[illegible]	[illegible]
Born, 3-2-38; proved, 1-31-49;----; Kans.	6 daughters--	[illegible]	6,652	[illegible]	386
Sire, 363330; dam, 1116638.	[illegible] dams-------	8	[illegible]	5.4	365
Herd Owner, Harry Kelman, Arlington.	Difference---	(2-5-4)	[illegible]	+.4	+31

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
QUEEN'S WONDERFUL LORD 414379 *12----------	12 daughters-	21	6,199	5.3	330
Born, 2-13-40; proved, 1-17-49; dead; Wis.	12 dams------	49	6,427	5.1	331
Sire, 410975; dam, 1212434.	Difference---	(6-6-5)	-228	+.2	-1
Herd Owner, C. W. Sturdevant & C. Williams, Cashton.					
RACHEL'S DESIGN 424955----------	8 daughters--	8	7,243	5.0	363
Born, 10-18-40; proved, 1-13-49;----; Pa.	5 daughters--	5	7,716	5.1	390
Sire, 342993; dam, 1086347.	5 dams-------	20	6,273	5.1	322
Herd Owner, J. C. Shoemaker, Enon Valley.	Difference---	(4-3-4)	+1,443	.0	+68
RITA'S FANCY GIPSY GAMBOGE 392088----------	16 daughters-	16	6,277	6.1	380
Born, 9-27-37; proved, 1-14-49; dead; N. Y.	15 daughters-	15	6,341	6.0	382
Sire, 347111; dam, 927061.	15 dams------	41	6,867	5.3	363
Herd Owner, Edward L. Nichols, South Kortright.	Difference---	(6-14-10)	-526	+.7	+19
RIVER ROAD FARM ACE 8TH 413271----------	6 daughters--	6	7,962	5.3	423
Born, 11-16-39; proved, 1-5-49; dead; Mass.	5 daughters--	5	8,090	5.3	431
Sire, 338434; dam, 1026923.	5 dams-------	13	7,944	5.7	450
Herd Owner, Lauredo Farm, Southboro.	Difference---	(1-2-1)	+146	-.4	-19
ROMULUS INO'S KING 398955----------	21 daughters-	25	6,841	5.4	370
Born, 10-24-38; proved, 1-4-49; alive; Oreg.	10 daughters-	12	7,629	5.5	420
Sire, 358518; dam, 1162146.	10 dams------	12	7,487	5.2	391
Used in Oregon A. B. A.	Difference---	(5-6-5)	+142	+.3	+29
ROYAL SYBIL PHIL 431149----------	11 daughters-	15	7,286	5.6	411
Born, 1-28-40; proved, 1-26-49;----; Ky.	10 daughters-	14	7,356	5.7	417
Sire, 365050; dam, 1139538.	10 dams------	39	6,556	5.6	364
Herd Owner, Ralph & Walter Gander, Danville.	Difference---	(5-6-6)	+800	+.1	+53
S. A. MAJESTY OXFORD NOBLE 409239----------	10 daughters-	14	7,101	5.0	356
Born, 1-7-39; proved, 1-19-49;----; Utah.	7 daughters--	11	7,237	5.1	366
Sire, 398918; dam, 1242815.	7 dams-------	18	7,212	5.2	377
Herd Owner, D. A. Thurgood, Syracuse.	Difference---	(4-2-4)	+25	-.1	-11
SAM SYBIL POGIS 433138----------	11 daughters-	20	6,830	5.0	343
Born, 10-19-41; proved, 1-14-49;----; Pa.	8 daughters--	16	6,815	5.0	341
Sire, 380853; dam, 1227737.	8 dams-------	20	6,911	5.0	347
Herd Owner, Blair Streams & Son, Marion Center.	Difference---	(4-5-4)	-96	.0	-6
SAVOIA PLEASANT SULTAN 439828----------	9 daughters--	10	6,731	5.6	374
Born, 9-21-41; proved, 1-24-49;----; Vt.	6 daughters--	7	6,631	5.6	369
Sire, 392353; dam, 1219848.	6 dams-------	23	7,232	5.1	370
Herd Owner, Ransom Perry, South Pomfret.	Difference---	(1-6-3)	-601	+.5	-1
SHADILANE JEANNETTE'S REMUS 399169----------	6 daughters--	17	7,681	5.4	413
Born, 1-26-39; proved, 1-19-49;----; Wash.	5 daughters--	15	8,023	5.4	430
Sire, 376047; dam, 1138078.	5 dams-------	11	7,243	5.2	373
Herd Owner, J. Warren Stoneman, Hartford.	Difference---	(3-4-5)	+780	+.2	+57
SILKEN PEER LADDIE DANDY 437344----------	10 daughters-	14	7,378	5.3	394
Born, 5-27-40; proved, 1-17-49;----; Oreg	5 daughters--	6	7,358	5.1	376
Sire, 367666; dam, 1058179.	5 dams-------	10	7,661	5.1	391
Herd Owner, Amos Roth, Woodburn.	Difference---	(2-2-1)	-303	.0	-15
SMILAX FAIRY PEDRO OF S. S. F. 415793----------	5 daughters--	5	6,380	5.3	339
Born, 1-18-40; proved, 1-14-49;----; N. Y.	5 dams-------	15	7,816	5.4	424
Sire, 378498; dam, 815432.	Difference---	(0-2-1)	-1,436	-.1	-85
Herd Owner, Robert Markham, Constableville					
SPLENDID LASS' DESIGN 387632----------	6 daughters--	7	7,569	5.4	412
Born, 6-6-37; proved, 1-19-49;----; Ga.	5 daughters--	6	7,372	5.5	402
Sire, P. S. 7020 H. C.; dam, 1150169.	5 dams-------	8	7,857	5.0	396
Herd Owner, J. L. Hutcheson, Sr., Rossville.	Difference---	(1-4-1)	-485	+.5	+6
STORRS REMUS 400954 *11----------	25 daughters-	39	7,727	5.4	415
Born, 8-17-38; proved, 1-26-49;----; Ky.	20 daughters-	34	8,165	5.4	445
Sire, 360347; dam, 982653.	20 dams------	72	7,970	5.3	426
Used in Kentucky A. B. A.	Difference---	(10-12-11)	+195	+.1	+19
SUNSHINE NOBLE YOU'LL DO 391865----------	21 daughters-	44	5,489	5.5	301
Born, 11-17-37; proved, 1-14-49;----; Colo.	6 daughters--	10	5,727	5.3	305
Sire, 346488; dam, 1036166.	6 dams-------	16	6,161	5.2	318
Herd Owner, J. W. Bloder, Littleton.	Difference---	(3-5-4)	-434	+.1	-13
SYBIL BARONET CHIEFTAIN 414048 *12----------	12 daughters-	19	7,513	5.2	393
Born, 6-25-40; proved, 1-26-49;----: Wis.	12 dams------	38	7,853	5.6	436
Sire, 305849; dam, 920999.	Difference---	(5-3-3)	-340	-.4	-43
Herd Owner, Philip N. Steffanus & Son, Delavan.					
SYBIL DREAMING NOBLE 393740----------	11 daughters-	12	6,560	5.1	337
Born, 9-26-37; proved, 1-10-49;----; Pa.	7 daughters--	8	5,268	5.1	319
Sire, 267360; dam, 1091335.	7 dams-------	16	5,384	5.2	329
Herd Owner, Ira L. Cleland, Harmony.	Difference---	(3-1-3)	-116	-.1	-10

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SYBIL OWL VICKERS 418036----------	9 daughters--	12	4,630	5.2	239
Born, 8-22-40; proved, 1-24-49;----; Vt.	9 dams-------	34	5,216	4.8	253
Sire, 396681; dam, 1155878.	Difference---	(3-6-4)	-586	+.4	-14
Herd Owner. L. W. Westcott, Franklin.					
SYBIL OWL LAMPLE 437684----------	8 daughters--	8	6,368	5.1	322
Born, 1-17-42; proved, 1-26-49:----; Vt.	8 dams-------	38	6,519	5.2	336
Sire, 396681; dam, 1210956.	Difference---	(5-4-4)	-151	-.1	-14
Herd Owner, Skiland Farms, Stowe.					
TEMISIA'S ROYAL OWL 5TH 340975----------	13 daughters-	34	5,993	5.0	30
Born, 10-10-30; proved, 1-24-49;----; Mo	5 daughters--	16	5,834	5.0	294
Sire, 199193; dam, 675588.	5 dams-------	15	5,976	4.9	294
Herd Owner. Harry Smith, Houston.	Difference---	(3-2-3)	-142	+.1	0
THOMAS VALIANT JACK SPARROW 414771----------	9 daughters--	13	8,557	5.0	428
Born, 9-2-40; proved, 1-31-49;----; Mich.	8 daughters--	12	8,777	5.0	442
Sire, 389049; dam, 1223866.	8 dams-------	35	8,866	5.0	440
Herd Owner, Curtis M. Brown, Ridgeway.	Difference---	(5-5-4)	-89	.0	+2
THOMAS X DOUBLE ROYAL 395840----------	13 daughters-	21	6,282	5.0	317
Born, 10-4-38; proved, 1-26-49;----; Mo.	5 daughters--	7	5,529	5.4	301
Sire, 374203; dam, 1125896.	5 dams-------	12	9,031	5.0	452
Herd Owner, Ernest Moeck, Savannah.	Difference---	(0-3-0)	-3,502	+.4	-151
TORONO VICTORIA OBSERVER 428950----------	14 daughters-	20	7,232	5.3	385
Born, 8-15-41; proved, 1-19-49;----; Mo.	14 dams------	62	7,185	5.4	389
Sire, 398302; dam, 1283654.	Difference---	(7-6-5)	+47	-.1	-4
Herd Owner, Leroy T. Halbert, Columbia.					
TWI-SENATOR TRI-OWL SOPHIE J. 426771----------	8 daughters--	11	10,173	5.1	523
Born, 6-13-41; proved, 1-7-49; dead; Va.	6 daughters--	7	11,147	5.0	559
Sire, 365723; dam, 1209656.	6 dams-------	15	7,661	5.1	394
Herd Owner, T. T. Curtis, Orange.	Difference---	(6-3-6)	+3,486	-.1	+165
U. N. H. SIGNAL FERN HONOR 426318----------	13 daughters-	15	6,422	5.4	344
Born, 5-16-41; proved, 1-25-49;----; N. H.	7 daughters--	8	6,564	5.2	338
Sire, 390018; dam, 1091103.	7 dams-------	12	6,079	5.6	342
Herd Owner, George Holmes, Langdon.	Difference---	(4-0-3)	+485	-.4	-4
VICTOR LUCIA RIOTER 399461----------	14 daughters-	16	6,516	5.6	364
Born, 9-13-35; proved, 1-10-49;----; N. Y.	8 daughters--	10	6,444	5.5	357
Sire, 351726; dam, 992776.	8 dams-------	20	6,142	5.2	318
Herd Owner, Eugene G. Lutz, Bloomville.	Difference---	(5-6-4)	+302	+.3	+39
VICTOR ST. MAWES TORMENTOR 439813----------	13 daughters-	14	4,700	5.0	236
Born, 10-14-41; proved, 1-6-49;----; W. Va.	10 daughters-	11	4,521	5.1	229
Sire, 391933; dam, 1220873.	10 dams------	17	5,936	4.6	272
Herd Owner, W. D. Hutchison, Claysville, Pa.	Difference---	(2-9-3)	-1,415	+.5	-43
VOLUNTEER DANCE DESIGN 408649----------	7 daughters--	10	6,631	5.1	338
Born, 2-21-40; proved, 1-25-49;----; Mo.	6 daughters--	8	6,452	5.1	326
Sire, 342991; dam, 1073513.	6 dams-------	7	7,129	4.9	347
Used in Midwest A. B. A.	Difference---	(2-4-2)	-677	+.2	-21
VOLUNTEER LIBERATOR BLONDE 408246----------	5 daughters--	5	5,774	5.0	287
Born, 3-21-39; proved, 1-31-49;----; Ill.	5 dams-------	7	7,057	5.2	370
Sire, 331755; dam, 1170508.	Difference---	(1-1-1)	-1,283	-.2	-83
Herd Owner, Oscar N. Stinson, Eldorado.					
VOLUNTEER LUCKY BOW 413078----------	13 daughters-	24	8,639	5.8	505
Born, 12-19-39; proved, 1-18-49; dead; Wash.	6 daughters--	9	9,142	6.0	545
Sire, 365924; dam, 981977.	6 dams-------	14	9,419	5.6	527
Used in Northwest Co-op. A. B. A.	Difference---	(4-5-3)	-277	+.4	+18
WEXFORD FLORADORA 407183----------	7 daughters--	14	6,304	5.5	348
Born, 3-3-39; proved, 1-7-49;----; Kans.	5 daughters--	9	5,899	5.4	318
Sire, 380979; dam, 1156527.	5 dams-------	11	5,113	6.1	311
Herd Owner, Harry Randolph, Nashville.	Difference---	(4-1-2)	+786	-.7	+7
WINSOME FAUVIC MAJESTY 404210----------	6 daughters--	9	8,005	5.5	439
Born, 4-15-39; proved, 1-13-49;----; Ill.	5 daughters--	8	7,747	5.5	426
Sire, 370740; dam, 1250541.	5 dams-------	20	6,607	5.8	380
Herd Owner, L. A. Wheeler, Bethany.	Difference---	(5-1-4)	+1,140	-.3	+46
YEOVANA'S FAVORITE LAD 434421----------	7 daughters--	8	8,359	5.4	449
Born, 11-15-41; proved, 1-13-49;----; Minn.	5 daughters--	5	8,853	5.3	468
Sire, 415794; dam, 893064.	5 dams-------	11	8,872	5.2	461
Herd Owner, John L. Wear, Long Lake.	Difference---	(3-3-3)	-19	+.1	+7
YOU'LL DO MAJOR PRINCE 385001----------	5 daughters--	6	7,417	5.5	409
Born, 7-12-35; proved, 1-19-49;----; Ill.	5 dams-------	15	8,947	5.5	489
Sire, 277604; dam, 1151096.	Difference---	(0-3-0)	-1,530	.0	-80
Herd Owner, Wayne Slutz & Sons, Princeton.					

JERSEY SIRES	Daughters	Herd average	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
ZINNIA DRACONIS STANDARD 446865	6 daughters--	6	7,634	5.4	413
Born, 2-27-43; proved, 1-19-49;----; Calif.	6 dams-------	18	8,177	5.3	430
Sire, 413047; dam, 1219412.	Difference---	(1-5-2)	-543	+.1	-17
Herd Owner, Shields Farm, East Nicolaus.					
43-8210 (DHIA EARTAG)	6 daughters--	8	8,800	5.6	496
Born, ----; proved, 1-4-49; dead; Mo.	6 dams-------	16	8,158	5.4	442
Sire, ----; dam, ----.	Difference---	(3-4-5)	+642	+.2	+54
Herd Owner, B. Frank Cooper, Hannibal.					
63-9425 (DHIA EARTAG)	11 daughters-	25	6,183	4.7	293
Born, ----; proved, 1-18-49;----; Tenn.	10 daughters-	24	6,247	4.8	297
Sire, ----; dam, ----.	10 dams------	11	7,439	4.9	368
Herd Owner, T. E. Harris, Lewisburg.	Difference---	(1-2-0)	-1,192	-.1	-71
91-D6251 (DHIA EARTAG)	16 daughters-	19	9,419	6.0	565
Born, 4-12-41; proved, 1-6-49; dead; Wash.	5 daughters--	5	10,191	5.9	602
Sire, ----; dam, ----.	5 dams-------	5	9,080	5.9	533
Herd Owner, Malneritch Brothers, Enumclaw.	Difference---	(5-2-4)	+1,111	.0	+69
RED DANE SIRES					
51*D555 (EARTAG)	6 daughters--	6	7,013	4.0	282
Born, ----; proved, 1-14-49; dead; Mich.	5 daughters--	5	6,412	4.2	267
Sire, ----; dam, ----.	5 dams-------	10	7,312	4.0	293
Herd Owner, Walter A. Davies, Marlette.	Difference---	(1-3-1)	-900	+.2	-26
SHORTHORN SIRES					
BURNETT PLACE KING 31ST 2059251	8 daughters--	11	7,839	3.6	282
Born, 4-14-41; proved, 1-13-49;----; Wis.	5 daughters--	7	8,311	3.6	302
Sire, 1931729; dam, 1882096.	5 dams-------	10	8,535	3.6	307
Herd Owner, Francis Dillman, Waldo.	Difference---	(2-4-3)	-224	.0	-5
MAVIEW GENERAL 2D 2014980	6 daughters--	15	9,495	3.8	360
Born, 11-3-39; proved, 1-7-49;----; Iowa.	5 daughters--	12	9,735	3.8	373
Sire, 1741618; dam, 1828185.	5 dams-------	21	9,121	3.9	352
Herd Owner, Sam Bengtson & Sons, Essex.	Difference---	(3-1-3)	+614	-.1	+21
TYFARM'S ROBIN 2041785	5 daughters--	5	8,327	4.5	377
Born, 11-3-40; proved, 1-14-49;----; Iowa.	5 dams-------	14	7,850	4.1	325
Sire, 1949338; dam, 1663396.	Difference---	(2-4-3)	+477	+.4	+52
Herd Owner, George W. Haines, Walker.					
WATERLOO DUKE 1982509	9 daughters--	14	9,690	3.8	372
Born, 9-17-39; proved, 1-6-49;----; Wis.	5 daughters--	7	10,566	3.7	391
Sire, 1869379; dam, 1506627.	5 dams-------	21	9,720	3.9	379
Herd Owner, Roland E. O'Connor, Reedsburg.	Difference---	(3-1-3)	+846	-.2	+12
AMERICAN DAIRY CATTLE CLUB SIRES					
SPRINGMEADOWS PRINCE DAVID 549	6 daughters--	6	7,629	4.8	369
Born, 8-11-42; proved, 1-7-49;----; Wis.	5 daughters--	5	7,976	4.9	390
Sire, 302781-G; dam, 4863.	5 dams-------	10	6,929	4.7	325
Herd Owner, Spring Meadow Farm, Twin Lakes.	Difference---	(3-4-3)	+1,047	+.2	+65

HUFF SIR THELMA JEFF 427
(This sire is also a registered Holstein "Huff Sir Thelma Jeff 870904." Proved Sire data included in Holstein listing.)

PINE MANOR LEVITY'S LEGACY 244
(This sire is also a registered Guernsey "Pine Manor Levity's Legacy 287749." Proved Sire data included in Guernsey listing.)

U NEB MAN GERMAST 404
(This sire is also a registered Holstein "U Neb Man Germast 626194." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter **Vol. 25, No. 3**

MARCH 1949

ARTIFICIAL-BREEDING ASSOCIATIONS AND COOPERATIVE BULL ASSOCIATIONS IN THE UNITED STATES, ACTIVE JANUARY 1, 1949

(As reported by State Extension Dairymen)

On January 1, 1949, there were 316,177 herds, consisting of 2,412,160 cows, enrolled in 1,263 artificial-breeding associations. Compared with January 1, 1948, this is an increase of 91,684, or 40.8 percent, in number of herds and 668,833, or 38.4 percent, in number of cows.

Wisconsin again leads the States in number of cows enrolled in artificial-breeding associations, with 420,966 cows enrolled. States with 25,000 or more cows enrolled in artificial-breeding associations are as follows:

Wisconsin	420,966	Nebraska	50,697
New York	253,785	Kentucky	47,356
Pennsylvania	195,090	Louisiana	44,889
Iowa	176,646	New Jersey	39,530
Minnesota	175,509	North Carolina	36,314
Ohio	139,314	Tennessee	34,683
Illinois	129,502	Texas	34,308
Michigan	120,550	Washington	30,525
Missouri	67,984	Maine	28,269
Indiana	63,098	Mississippi	28,036

The number of bull associations operating January 1, 1949, was 69, with an enrollment of 9,978 cows. On January 1, 1948, there were 99 associations with an enrollment of 14,006 cows.

On the following pages are data showing the status of artificial-breeding associations, bull associations, and bull studs for the various States.

COOPERATIVE BULL ASSOCIATIONS AND BULL STUDS ACTIVE JANUARY 1, 1949

	Number of associations	Number of herds	Number of bulls	Number and breed of bulls used 1/							Number of cows in all associations		
				A	J	G	H	BS	RD	SH	Registered	Other	Total
BULL ASSOCIATIONS:													
Idaho	2	76	5	--	--	--	5	--	--	--	2/ 32	2/ 110	205
Ill	19	78	75	--	14	25	27	9	--	--	2/710	2/ 450	1,450
Iowa	1	5	7	--	--	7	--	--	--	--	43	61	104
Mich	3	76	34	--	--	--	--	--	34	--	40	1,260	1,300
Minn	1	4	4	---	--	--	4	--	--	--	44	0	44
Mo	3	38	14	--	8	6	--	--	--	--	53	437	490
N. J	1	4	4	--	--	--	4	--	--	--	80	58	138
N. Y	19	66	80	3	21	16	40	--	--	--	1,553	1,139	2,692
Oreg	1	5	7	--	--	7	--	--	--	--	200	0	200
Pa	16	86	64	--	3	18	40	3	--	--	1,703	599	2,302
P. R	1	600	13	--	1	4	8	--	--	--	----	----	600
Utah	2	95	7	--	4	--	3	--	--	--	----	----	453
Total	69	1,133	314	3	51	83	131	12	34	--	4,458	4,114	9,978
BULL STUDS:													
Idaho	11	2,379	3/84	1	6	28	38	--	--	9	340	6,916	7,256

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; RD-Red Danish; SH-Shorthorn.
2/ Report incomplete.
3/ Includes 2 Herefords.

GROWTH OF ARTIFICIAL-BREEDING ASSOCIATION WORK IN UNITED STATES, 1939-49

Year	Associations	Enrollment		Cows bred	Bulls in Service	Bulls proved		Production level of daughters of proved sires	Cows enrolled per bull
		Herds	Cows						
	Number	Number	Number	Number	Number	Number	Percent	Number	Number
1939	6	646	7,539	--	33	--	--	--	228
1940	27	2,971	33,977	--	138	--	--	--	246
1941	37	5,997	70,751	--	237	--	--	--	299
1942	73	12,118	112,788	--	412	--	--	--	274
1943	99	23,448	182,524	--	574	135	23.1	419	318
1944	95	28,627	218,070	--	657	129	19.6	421	332
1945	195	43,998	360,732	--	729	147	20.2	428	495
1946	336	73,293	579,477	537,376	900	209	23.2	428	644
1947	608	140,571	1,125,040	1,184,168	1,453	335	23.1	430	774
1948	963	224,493	1,743,327	1,720,264	1,745	426	24.4	433	999
1949	1,263	316,177	2,412,160	1,713,581	1,940	--	--	--	1,243

NUMBER OF ARTIFICIAL-BREEDING ASSOCIATIONS (UNITS) BY STATES
(1939 to 1949, inclusive)

State	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
N. J-------	3	5	4	5	6	6	6	6	8	9	9
N. Y-------	1	4	5	22	27	33	37	53	63	65	68
Ohio-------	1	1	1	4	4	4	36	47	55	76	83
Mo---------	1	1	1	1	1	0	4	4	67	72	76
Ariz-------	---	1	0	0	0	0	0	1	1	1	1
Conn-------	---	3	3	5	5	4	4	5	6	7	8
Ill--------	---	2	2	2	4	3	4	5	20	70	88
Maine------	---	1	2	2	2	2	6	12	18	21	21
Mass-------	---	1	1	2	1	0	0	0	11	11	11
Mich-------	---	1	3	4	4	3	22	53	83	108	133
Mont-------	---	1	1	0	0	0	0	0	1	6	9
N. H-------	---	1	1	0	0	0	0	7	9	12	12
N. Mex-----	---	1	1	1	0	0	0	0	0	0	0
Pa---------	---	1	0	0	1	3	7	34	41	43	49
Tenn-------	---	1	1	1	1	1	1	3	6	22	31
Wis--------	---	2	9	10	10	11	16	21	27	30	33
Va---------	---	---	1	2	1	0	0	0	6	10	13
Wash-------	---	---	1	0	2	2	5	9	17	19	19
Ind--------	---	---	---	1	4	2	3	6	2	42	54
Kans-------	---	---	---	1	0	0	0	0	0	3	4
Minn-------	---	---	---	7	17	8	10	14	28	64	104
Nebr-------	---	----	---	2	2	4	8	17	22	31	37
Vt---------	---	---	---	1	1	2	8	3	3	4	23
Del--------	---	---	---	---	1	1	1	1	1	3	3
Iowa-------	---	---	---	---	1	3	8	19	38	50	85
Miss-------	---	---	---	---	1	0	1	3	10	17	22
Oreg-------	---	---	---	---	1	1	1	1	5	6	7
Tex--------	---	---	---	---	1	0	0	1	4	21	32
Utah-------	---	---	---	---	1	1	0	0	0	0	2
Colo-------	---	---	---	---	---	1	4	0	1	1	10
Calif------	---	---	---	---	---	---	1	2	6	8	8
Nev--------	---	---	---	---	---	---	1	1	0	0	(1)
W. Va------	---	---	---	---	---	---	1	5	7	11	13
Idaho------	---	---	---	---	---	---	---	1	1	1	2
Ky---------	---	---	---	---	---	---	---	1	1	22	27
Okla-------	---	---	---	---	---	---	---	1	14	23	22
Ark--------	---	---	---	---	---	---	---	---	1	10	17
La---------	---	---	---	---	---	---	---	---	3	17	31
Md---------	---	---	---	---	---	---	---	---	9	14	16
S. Dak-----	---	---	---	---	---	---	---	---	6	10	11
Ala--------	---	---	---	---	---	---	---	---	---	17	17
N. Dak-----	---	---	---	---	---	---	---	---	---	1	5
S. C-------	---	---	---	---	---	---	---	---	---	5	(1)
Fla--------	---	---	---	---	---	---	---	---	---	---	4
Ga------ --	---	---	---	---	---	---	---	---	---	---	7
N. C-------	---	---	---	---	---	---	---	---	---	---	34
R. I-------	---	---	---	---	---	---	---	---	---	--	1
Wyo--------	---	---	---	---	---	---	---	---	---	---	1
Total----	6	27	37	73	99	95	195	336	608	963	1,263

1/ No report.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State	Associations	Herds	Bulls	Cows	
				Total	Bred (1948)
	Number	Number	Number	Number	Number
Ala	17	4,305	15	19,450	6,754
Ariz	1	45	8	2,000	1,165
Ark	17	2,681	24	21,310	9,439
Calif	8	655	69	12,310	9,970
Colo	10	1,951	21	6,542	3,858
Conn	8	2,277	21	15,739	15,739
Del	3	784	10	6,788	3,479
Fla	4	106	0	3,247	409
Ga	7	244	0	6,350	2,550
Idaho	2	488	8	3,174	1,855
Ill	88	1/3,000	57	129,502	105,638
Ind	54	9,068	43	63,098	36,589
Iowa	85	28,288	113	176,646	114,224
Kans	4	678	0	4,714	3,036
Ky	27	5,365	24	47,356	23,318
La	31	3,301	31	44,889	13,486
Maine	21	7,175	45	28,269	28,269
Md	16	1,738	21	24,359	16,059
Mass	11	3,359	43	20,241	20,241
Mich	133	16,960	61	120,550	120,000
Minn	104	23,537	136	175,509	129,695
Miss	22	5,290	24	28,036	13,974
Mo	76	14,767	78	67,984	49,732
Mont	9	1,027	12	8,674	4,821
Nebr	37	8,959	57	50,697	34,449
Nev	(2)	----	----	----	----
N. H	12	2,613	31	18,463	12,180
N. J	9	4,675	59	39,530	33,736
N. Mex	0	0	0	0	0
N. Y	68	30,050	123	253,785	158,429
N. C	34	6,404	29	36,314	15,891
N. Dak	5	513	0	5,447	1,088
Ohio	83	30,549	87	139,314	118,064
Okla	22	3,367	41	22,073	12,210
Oreg	7	1,768	21	12,171	7,955
Pa	49	25,963	184	195,090	165,235
R. I	1	187	17	1,100	952
S. C	(2)	----	----	----	----
S. Dak	11	1,473	24	13,347	5,026
Tenn	31	5,352	53	34,683	21,922
Tex	32	2,806	46	34,308	15,114
Utah	2	224	7	2,614	170
Vt	23	1,750	7	24,109	13,005
Va	13	1,632	30	16,070	10,712
Wash	19	5,771	39	30,525	27,565
W. Va	13	3,565	23	23,517	12,727
Wis	33	41,377	198	420,966	312,808
Wyo	1	90	0	1,300	43
U. S	1,263	316,177	1,940	2,412,160	1,713,581

1/ Incomplete.
2/ No report.

AFTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, [illegible]

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Regis-tered	Total	Bred ([illegible])
ALABAMA (17)												
Alabama ABA	4,005	--	8	4	--	--	--	--	12	1,005	18,700	6,029
(Affiliates)												
Calhoun	(470)									(41)	(900)	([illegible])
Chambers	(390)									(112)	(900)	([illegible])
Clay	(220)									(12)	(500)	([illegible])
Dallas	(99)									(49)	(1,200)	([illegible])
Elmore	(212)									(38)	(1,100)	(379)
Hale	(140)									(55)	(2,100)	(207)
Lee	(262)									(49)	(1,400)	(69)
Limestone	(328)									([illegible])	(1,200)	(514)
Macon	(299)									(21)	(500)	(683)
Mobile	(312)									(60)	(1,400)	(124)
Montgomery	(83)									(144)	(3,000)	(409)
Morgan	(382)									(61)	(1,200)	(352)
Randolph	(187)									(49)	(1,000)	([illegible])
Shelby	(120)									(100)	(800)	(215)
Talladega	(100)									(25)	(400)	(85)
Tallapoosa	(401)									(150)	(1,100)	(329)
Marshall ABA	300	--	3	--	--	--	--	--	3	125	750	725
Total	4,305	--	11	4	--	--	--	--	15	1,130	19,450	6,754
ARIZONA (1)												
Arizona ABA	45	--	--	--	8	--	--	--	8	100	2,000	1,165
ARKANSAS (17)												
Arkansas ABA	2,681	--	13	6	5	-	--	--	24	1,880	21,310	9,439
(Affiliates)												
Benton	(525)									(200)	(2,300)	(1,600)
Boone	(175)									(125)	(1,200)	(812)
Carroll	(200)									(100)	(1,300)	(525)
Clark	(70)									(60)	(850)	(80)
Conway	(150)									(150)	(1,050)	(350)
Crawford	(115)									(75)	(1,100)	(220)
Faulkner	(125)									(150)	(1,000)	(390)
Johnson	(80)									(50)	(900)	(210)
Logan	(125)									(125)	(1,000)	(425)
Madison	(175)									(125)	(1,250)	(672)
Magazine	(86)									(50)	(900)	(160)
Pope	(150)									(100)	(1,200)	(325)
Pulaski	(125)									(125)	(1,100)	(315)
Scott	(90)									(50)	(1,000)	(130)
Union	(100)									(125)	(800)	(125)
Washington	(300)									(200)	(1,600)	(1,050)
Yell	(90)									(70)	(900)	(190)
Independent 2/	----									----	(1,860)	(1,860)
CALIFORNIA (8)												
Calif.Dairy Breeders	301	--	9	9	7	--	--	--	25	43	[illegible]	5,121
(Affiliates)												
Butte Breeders	(107)									(18)	(2,100)	(2,004)
Sacramento	(87)									(12)	(1,395)	(1,202)
San Joaquin	(23)									(5)	(750)	([illegible])
Shasta	(34)									(4)	(680)	([illegible])
Tehama	(50)									(4)	(970)	(688)
San Pasqual	6	--	6	9	9	1			25	50	2,500	2,[illegible]
Sonoma-Marin	42	--	4	3	3	--	--	--	10	74	[illegible]	1,149
Tulare	306	--	3	3	3	--	--	--	9	125	2,8[illegible]	1,400
Total	655	--	22	24	22	1	--	--	69	292	12,310	9,970
COLORADO (10)												
Colo. A & M Bull Stud	1,224	--	3	5	4	3	--	1	16	----	4,000	2,367
Cortez	30								(3)	----	250	125
Durango	32								(3)	24	211	40
Laveta	26								(3)	----	135	75
Logan	30								(3)	----	250	125
Mancos	31								(3)	9	299	104
Monument	30								(3)	----	250	0
North Central	30								(3)	200	500	500
Pineriver	30								(3)	----	250	125
Surface Creek	488	--	1	1	1	--	2	--	4/5	----	397	397
Total	1,951	--	4	6	5	3	2	1	21	2[illegible]	6,542	3,858

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; SH-Shorthorn; NR-Not reported.
2/ Independent circuits or services that buy semen from M.F.A. (Missouri).
3/ Buys semen from Colorado A & M Bull Stud.
4/ Buys part of semen from Colorado A & M Bull Stud.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/									Number of cows		
		A	J	G	H	BS	SH	NF	Total		Registered	Total	Bred (1948)
CONNECTICUT (8)													
Conn. ABA	2,277	--	--	12	9	--	--	--	21		----	15,739	15,739
(Affiliates)													
Fairfield-N. Haven	(524)										----	----	(3,246)
Hartford	(168)										----	----	(1,954)
Litchfield	(412)										----	----	(3,372)
Middlesex	(182)										----	----	(1,117)
New London	(276)										----	----	(1,364)
So. Hartford	(98)										----	----	(1,614)
Tolland	(423)										----	---	(2,962)
Windham	(194)										----	----	(110)
DELAWARE (3)													
Delaware ABA	784	--	3	4	3	-	--	--	10		2,000	6,788	3,479
(Affiliates)													
Kent	(139)										(300)	(1,275)	(517)
New Castle	(514)										(1,400)	(4,225)	(2,078)
Sussex	(131)										(300)	(1,288)	(884)
FLORIDA (4)													
Escambia	33								(2)		30	608	89
Orange	30								(2)		90	1,120	320
Pinellas	17								(2)		130	559	0
Polk	26								(2)		25	960	0
Total	106										275	3,247	409
GEORGIA (7)													
Bibb AB Co-op	50								(3)		----	1,200	550
DeKalb	34								(3)		----	800	175
Jasper	40								(3)		----	1,100	600
Morgan	25								(3)		----	700	300
Oconee	25								(3)		----	650	225
Taliaferro	30								(3)		----	600	250
Wilkes	40								(3)		----	1,300	450
Total	244										----	6,350	2,550
IDAHO (2)													
Bluff View	350	--	3	5	--	--	--	--	8		75	1,755	1,755
North Cache	138								(4)		150	1,419	100
Total	488	--	3	5	--	--	--	--	8		225	3,174	1,855
ILLINOIS (88)													
Central Illinois	3,000	--	--	5	--	—	4	--	9		1,000	11,000	7,900
(Affiliates) 5/													
Inter-County	----								(6)		482	1,847	1,793
Northern Illinois	----	--	--	5	14	4	--	--	23		10,000	60,000	50,000
(Affiliates) 7/													
Southern Illinois	----	--	6	9	10	--	--	--	25		3,000	32,000	30,000
(Affiliates) 8/													
Independent 9/	----								(9)		1,406	24,655	15,945
Total	10/3,000	--	6	19	24	4	4	--	57		15,888	129,502	105,638

1/ See footnote (1) page 5.
2/ Buys semen from Southeastern ABA (Asheville, N. C.)
3/ Buys semen from Southeastern ABA (Asheville, N. C.) and Indiana ABA.
4/ Buys semen from Cache Valley ABA (Utah)
5/ Central Illinois Affiliates: Champaign; DeWitt; Douglas; Fulton; Logan; McLean; Macon; Mason; Moultrie; Piatt; Tazewell.
6/ Buys semen from Wis. Scientific Breeding Institute and from Dairy Genetics, Inc. (Iowa).
7/ Northern Illinois Affiliates: Jo Daviess; Winnebago; Stephenson; Boone; McHenry; Lake; Carroll; Ogle; Whiteside; Lee; DeKalb; Kane; Cook; Kendall; Will; DuPage; Grundy; Kankakee; Iroquois; Livingston; Woodford; Marshall-Putnam; Peoria; Knox; Bureau; Henry; Warren; Henderson; Mercer; Rock Island.
8/ Southern Illinois Affiliates: Madison; St. Clair; Monroe; Hancock; McDonough; Adams; Schuyler; Brown; Pike; Menard; Sangamon; Christian; Shelby; Moultrie; Greene; Macoupin; Montgomery; Fayette; Effingham; Clay; Jasper; Crawford; Richmond; Marion; Bond; Edgar; Clinton; Washington; Jefferson; Wayne; Edwards; Wabash; Hamilton; Franklin; Perry; Randolph; Jackson; Williamson; Saline; Gallatin; Alexander; Pulaski; Massac; Johnson; Pope; Union.
9/ Independent circuits or services and private inseminators who buy semen from Wisconsin Scientific Breeding Institute.
10/ Incomplete.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1948)
INDIANA (54)												
Elkhart	321	--	1	9	4	--	--	--	14	480	1,234	1,234
Harrison	377	--	4	--	--	--	--	--	2/ 4	200	2,000	1,518
Indiana ABA	----	--	6	7	9	--	--	--	22	73	3,083	3,083
Adams	115								(3)	40	1,200	600
Allen	291								(3)	125	1,850	753
Bartholomew	120								(3)	50	600	208
Carroll	200								(3)	65	1,050	750
Clark	177								(3)	188	1,290	1,069
Clay	181								(3)	156	1,249	703
Dearborn	89								(3)	50	786	405
Decatur	140								(3)	50	1,000	563
DeKalb	202								(3)	300	1,400	1,000
Delaware	232								(3)	145	1,647	835
Dubois	80								(3)	10	700	177
Fountain	186								(3)	53	859	639
Franklin	79								(3)	----	750	----
Fulton	270								(3)	50	1,200	705
Gibson	225								(3)	100	1,500	849
Grant	95								(3)	95	1,214	559
Harrison	385								(3)	500	2,218	1,177
Henry	160								(3)	200	1,300	815
Jackson	180								(3)	59	1,165	490
Jasper	123								(3)	40	864	490
Jay	86								(3)	28	557	110
Jefferson	142								(3)	52	833	332
Jennings	122								(3)	8	835	414
Knox	126								(3)	60	800	283
Kosciusko	117								(3)	----	800	432
LaGrange	131								(3)	100	917	473
Lake	185								(3)	230	1,834	1,028
Lawrence	160								(3)	110	1,000	647
Marshall	200								(3)	50	1,400	1,400
Miami	300								(3)	180	1,900	334
Noble	193								(3)	50	1,000	846
Ohio	65								(3)	20	700	35
Parke	231								(3)	50	1,500	763
Porter	200								(3)	50	1,017	1,017
Pulaski	85								(3)	67	832	520
Randolph	179								(3)	62	1,100	710
Ripley	114								(3)	51	954	471
St. Joseph	120								(3)	50	1,000	736
Spencer	149								(3)	180	1,041	483
Steuben	56								(3)	24	396	29
Sullivan	154								(3)	135	1,200	410
Switzerland	152								(3)	25	1,426	270
Union	200								(3)	50	1,200	800
Vigo	109								(3)	90	700	[illegible]
Warren	212								(3)	120	1,300	840
Washington	201								(3)	50	1,478	786
Wayne	191								(3)	120	1,[illegible]	1,005
Wells	260								(3)	274	2,200	963
Whitley	282								(3)	139	1,472	1,147
Kosciusko	18	--	--	1	--	--	--	--	1	100	100	66
Topeka	100	--	--	2	--	--	--	--	2	125	300	285
Total	9,068	--	11	19	13	--	--	--	43	5,689	63,098	36,589
IOWA (85)												
Eastern Iowa ABA	550	3	8	11	13	8	8	--	51	350	4,800	3,709
Allamakee	350								(4)	140	3,500	1,512
Benton	350								(4)	325	2,000	1,157
Black Hawk	358								(4)	125	3,200	1,8[illegible]7
Bremer	250								(4)	150	2,500	1,874
Buchanan	250								(4)	125	1,800	1,483
Butler	99								(4)	40	963	254
Cerro Gordo	110								(4)	90	1,000	800
Chickasaw	150								(4)	131	1,670	1,165
Clayton	400								(4)	300	4,000	2,360
Delaware	612								(4)	300	5,000	4,114
Des Moines	190								(4)	50	980	961
Dubuque	290								(4)	200	3,000	2,035
Fayette	415								(4)	216	4,200	3,120
Franklin	180								(4)	150	1,000	800

1/ See footnote (1) page 5

2/ Buys Guernsey and Holstein semen from Indiana ABA.

3/ Buys semen from Indiana ABA.

4/ Buys semen from Eastern Iowa Association.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1948)
IOWA (continued)												
Grundy	130								(2)	40	1,200	111
Howard	204								(2)	140	2,200	1,545
Iowa	340								(2)	225	2,900	1,873
Keokuk	225								(2)	150	1,700	1,471
Lee	282								(2)	60	1,500	944
Linn	600								(2)	250	6,000	4,327
Louisa	315								(2)	275	975	730
Marion	422								(2)	275	1,899	980
Marshall	456								(2)	500	3,067	1,583
Muscatine	300								(2)	75	1,600	1,284
North Cedar	450								(2)	95	2,000	1,943
Okoboji	145								(2)	120	700	643
Osage	279								(2)	75	1,500	1,074
Palo Alto	375								(2)	150	2,175	1,061
Story	322								(2)	124	1,600	982
Van Buren-Jefferson	180								(2)	125	2,000	814
Winneshiek	504								(2)	275	4,500	2,873
Dairy Genetics, Inc.	----	--	4	9	14	6	7	--	40	----	----	----
Adair	351								(3)	60	1,554	973
Adams	475								(3)	50	1,750	1,131
Appanoose	313								(3)	28	1,138	746
Audubon	289								(3)	200	1,900	1,668
Boone	669								(3)	118	2,840	1,856
Calhoun	63								(3)	1	165	93
Cass	302								(3)	40	1,936	1,277
Clarinda	394								(3)	100	2,312	1,445
Clarke	200								(3)	190	1,900	1,616
Dallas	588								(3)	36	2,736	1,103
Davis	300								(3)	137	1,200	600
East Pottawattamie	225								(3)	50	1,100	851
Floyd	137								(3)	30	1,071	183
Greene	560								(3)	245	3,020	2,005
Guthrie	415								(3)	50	1,900	1,045
Hamilton	375								(3)	50	2,200	1,169
Hardin	638								(3)	260	3,217	1,794
Harrison	135								(3)	25	1,200	418
Henry	391								(3)	135	1,976	1,090
Jasper	728								(3)	115	3,754	1,763
Lamoni	275								(3)	65	1,040	659
Lucas	293								(3)	68	1,484	903
Madison	400								(3)	40	1,998	1,345
Mahaska	225								(3)	50	2,000	1,702
Monona	352								(3)	50	1,500	1,188
Monroe	200								(3)	40	925	560
Montgomery	315								(3)	100	1,500	917
Page-Fremont	360								(3)	30	1,300	1,035
Po-Ha-Mi	385								(3)	75	1,300	900
Polk	750								(3)	300	2,000	1,700
Poweshiek	462								(3)	150	2,520	1,468
Sac	155								(3)	50	1,400	294
Scott	400								(3)	90	4,000	2,430
Taylor	229								(3)	40	975	494
Union	850								(3)	----	1,519	1,066
Wapello	294								(3)	200	3,800	1,034
Warren	485								(3)	64	1,600	1,485
Washington	435								(3)	38	1,913	1,267
Western Iowa	900								(3)	500	9,000	9,000
Woodbury	250								(3)	75	1,500	989
N.W.Iowa Breeders' Co-op	----	--	--	6	6	4	6	--	22	----	----	----
Cherokee	120								(4)	100	1,100	800
Humboldt	475								(4)	50	3,000	1,569
Kossuth	149								(4)	100	1,011	758
North Iowa	425								(4)	250	4,000	900
Northwest Iowa	525								(4)	100	2,600	1,550
Plymouth	162								(4)	90	850	330
Pocahontas	306								(4)	52	1,100	804
Sioux	240								(4)	200	1,502	900
Soehl-Dykstra	40								(4)	15	350	260
Midwest	40								(5)	25	325	302
Tri-State	35								(6)	10	301	135
Hawks	35								(7)	35	350	350
Winnebago	90								(8)	75	885	885
Total	28,288	3	12	26	33	18	21	--	113	10,693	176,646	114,224

1/ See footnote (1) page 5.
2/ Buys semen from Eastern Iowa Association.
3/ Buys semen from Dairy Genetics, Inc.
4/ Member of N.W.Iowa Federated Breeders' Co-op.
5/ Buys semen from Midwest Breeding Farms (Missouri).
6/ Buys semen from Tri-State Breeders' Co-op (Wis.).
7/ Buys semen from Wis. Scientific Breeding Institute.
8/ Buys semen from Minn. Valley Breeders (Minn.).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	C	H	BS	SH	NR	Total	Registered	Total	Bred (1948)
KANSAS (4)												
Arkansas Valley	137								(2)	----	1,009	740
Brown	235								(3)	160	1,700	1,258
Labette	127								(4)	120	930	970
Pittsburg	179								(5)	----	1,075	68
Total	678									280	4,714	3,036
KENTUCKY (27)												
Kentucky ABA	5,365	--	8	8	8	--	--	--	24	----	47,356	23,318
(Affiliates)												
Anderson	(210)									----	(1,729)	(864)
Boone	(189)									----	(1,575)	(754)
Campbell	(202)									----	(1,541)	(1,036)
Central Ky	(232)									----	(1,839)	(843)
Dix River	(203)									----	(1,496)	(577)
Fleming	(140)									----	(1,512)	(672)
Grant	(155)									----	(1,489)	(865)
Jackson Purchase	(191)									----	(1,314)	----
Jefferson	(416)									----	(3,243)	(1,924)
Kenton	(223)									----	(1,360)	(974)
Ky-Ohio Valley	(156)									----	(1,343)	(670)
Logan	(165)									----	(1,859)	(1,082)
McCracken-Ballard	(191)									----	(2,896)	(779)
Marshall-Calloway	(278)									----	(1,442)	(731)
Mason	(263)									----	(1,797)	(1,094)
Nolin Valley	(163)									----	(1,285)	----
Oldham	(191)									----	(2,204)	(1,051)
Owen	(144)									----	(1,456)	(791)
Pendleton	(210)									---	(1,936)	(1,128)
Pennyroyal	(192)									---	(1,821)	(1,012)
Pulaski	(177)									---	(1,237)	----
Shelby	(240)									----	(2,802)	(1,724)
Simpson	(169)									----	(1,590)	(1,045)
Spencer	(158)									----	(2,015)	(1,200)
Taylor	(168)									----	(1,349)	(666)
Warren	(179)									----	(1,540)	(964)
Washington	(160)									----	(1,686)	(942)
LOUISIANA (31)												
Louisiana ABA	3,301	--	9	5	8	--	--	6/6	31	4,053	44,889	13,486
(Affiliates)												
A.J.V. Circuit	(143)									(129)	(1,999)	(284)
Assumption	(183)									(26)	(1,076)	(80)
Avoyelles	(149)									(95)	(1,117)	(866)
Baton Rouge	(141)									(176)	(2,278)	(1,099)
Beauregard-Vernon	(67)									(117)	(1,214)	(272)
Bogalusa	(49)									(22)	(1,008)	(130)
C-B ABA	(79)									(145)	(1,794)	(667)
Central La	(194)									(427)	(2,148)	(1,379)
Claiborne	(93)									(253)	(1,088)	(348)
De Soto	(114)									(135)	(2,121)	(548)
E.Carroll-Madison	(63)									(169)	(1,181)	(175)
Franklin	(92)									(60)	(2,046)	(602)
Franklinton # 1	(73)									(95)	(1,408)	(538)
Franklinton # 2	(57)									(55)	(1,236)	(273)
Husser-Loranger	(76)									(44)	(1,392)	(522)
Iberia	(162)									(96)	(1,921)	(856)
Jefferson	(31)									(143)	(1,397)	(372)
Lafayette	(110)									(74)	(1,079)	(330)
Mt. Hermon	(96)									(15)	(1,580)	(595)
Natchitoches	(125)									(206)	(1,258)	(167)
North La	(89)									(178)	(565)	(467)
No. Tangipahoa	(104)									(85)	(2,100)	(939)
Ouachita Valley	(37)									(104)	(1,001)	(459)
P. I. W	(122)									(199)	(1,181)	(131)
Ringgold	(110)									(45)	(899)	(231)
River Parishes #1	(94)									(118)	(1,266)	(227)
River Parishes #2	(41)									(35)	(1,275)	(385)

1/ See footnote (1) page 5.
2/ Buys semen from Western Oklahoma ABA.
3/ Buys semen from University of Nebraska Bull Stud.
4/ Buys semen from Eastern Oklahoma ABA.
5/ Buys semen from Missouri ABA (Carthage).
6/ Includes 2 Aberdeen Angus and 4 Herefords.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/									Number of cows		
		A	J	G	H	BS	SH	NR	Total		Registered	Total	Bred (1948)
LOUISIANA (continued)													
La. ABA (continued)													
(Affiliates)													
So. Tangipahoa----	(78)										(20)	(1,293)	(194)
St. Helena--------	(89)										(97)	(1,486)	(488)
St. Landry-Evangeline----	(153)										(184)	(2,233)	(592)
West Carroll------	(198)										(458)	(1,173)	(241)
Other Breeders----	(89)										(48)	(676)	----
MAINE (21)													
Maine Breeding Co-op	7,175	--	11	15	19	--	--	--	2/45		4,240	28,269	28,269
(Affiliates)													
Bangor----------	(320)										----	----	(1,521)
Belfast----------	(400)										----	----	(1,620)
Caribou----------	(249)										----	----	(356)
Danforth----------	(85)										----	----	(470)
Dexter----------	(361)										----	----	(1,879)
Ellsworth---------	(244)										----	----	(548)
Fryeburg----------	(311)										----	----	(1,156)
Hollis Center-----	(528)										----	----	(1,182)
Houlton----------	(198)										----	----	(585)
Island Falls------	(201)										----	----	(581)
Lisbon----------	(630)										----	----	(2,225)
Newport----------	(425)										----	----	(1,795)
New Portland------	(385)										----	----	(1,620)
North Berwick-----	(209)										----	----	(673)
Rumford----------	(260)										----	----	(1,105)
Skowhegan---------	(285)										----	----	(1,508)
South Paris-------	(408)										----	----	(1,791)
Turner----------	(466)										----	----	(2,234)
Waldoboro---------	(300)										----	----	(1,094)
Waterville--------	(409)										----	----	(2,381)
York-Cumberland---	(501)										----	----	(1,945)
MARYLAND (16)													
Maryland ABA--------	1,738	4	4	7	6	--	--	--	21		6,520	24,359	16,059
(Affiliates)													
Allegany----------	(41)										(233)	(834)	(741)
Anne Arundel------	(21)										(78)	(314)	(295)
Baltimore---------	(166)										(807)	(1,630)	(1,293)
Caroline----------	(24)										(54)	(218)	(54)
Carroll----------	(166)										(556)	(2,222)	(1,670)
Cecil----------	(146)										(439)	(1,758)	(1,344)
Frederick---------	(146)										(626)	((2,505)	(1,697)
Garrett # 1-------	(108)										(278)	(1,112)	(993)
Garrett # 2-------	(70)										(176)	(703)	(512)
Harford----------	(160)										(598)	(2,393)	(1,818)
Howard----------	(109)										(418)	(1,671)	(1,034)
Montgomery--------	(121)										(756)	(3,024)	(1,627)
Prince Georges----	(26)										(66)	(264)	(192)
Quenn Anne--------	(166)										(619)	(2,459)	(998)
Talbot----------	(129)										(380)	(1,506)	(562)
Washington--------	(139)										(436)	(1,746)	(1,229)
MASSACHUSETTS (11)													
Mass.Breeding Ass'n-	3,359	12	2	16	13	--	--	--	3/43		2,040	20,241	20,241
(Affiliates)													
Berkshire---------	(341)										(240)	----	(2,167)
Bristol----------	(187)										(110)	----	(1,071)
Dukes----------	(37)										(20)	----	(122)
Essex----------	(224)										(130)	----	(1,070)
Franklin----------	(325)										(290)	----	(2,950)
Hampden----------	(278)										(120)	----	(1,378)
Hampshire---------	(291)										(220)	----	(2,164)
Middlesex---------	(360)										(200)	----	(2,351)
Norfolk----------	(269)										(100)	----	(1,001)
Plymouth----------	(241)										(110)	----	(1,260)
Worcester---------	(806)										(500)	----	(4,707)

1/ See footnote (1) page 5.
2/ Buys Ayrshire semen from New England Ayrshire Club (Massachusetts)
3/ Buys Jersey semen from Maine ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Regis-tered	Total	Bred (1948)
MICHIGAN (133)												
Michigan ABA	16,960	--	9	17	31	--	--	2/4	61	10,978	120,550	120,000
(Affiliates)												
Alcona	(105)									(82)	(825)	----
Alger	(62)									(49)	(490)	----
Allegan	(193)									(80)	(800)	----
Allegan-Fenville	(68)									(52)	(480)	----
Allegan-Plainwell	(75)									(48)	(480)	----
Alpena	(77)									(63)	(632)	----
Antrim-Charlevoix	(125)									(76)	(825)	----
Antrim-Kewadin	(35)									(31)	(310)	----
Arenac-Standish	(125)									(75)	(850)	----
Baraga-South	(45)									(34)	(340)	----
Baraga-Stur.Valley	(68)									(49)	(490)	----
Barry-Dowling	(165)									(140)	(1,150)	---
Barry-Hastings	(220)									(112)	(1,103)	----
Barry-SW	(90)									(80)	(640)	----
Bay-Northern	(125)									(95)	(910)	----
Bay-Southern	(125)									(79)	(750)	----
Berrien-South	(150)									(81)	(900)	----
Branch-Gilead	(160)									(81)	(1,050)	----
Branch-Quincy	(217)									(141)	(1,650)	----
Calhoun-Southeast	(250)									(211)	(1,510)	----
Calhoun-West	(225)									(198)	(1,450)	----
Cass-Cassopolis	(230)									(145)	(1,425)	----
Cass-Marcellus	(125)									(85)	(748)	----
Charlevoix-B. City	(83)									(60)	(640)	----
Cheboygan	(81)									(56)	(600)	----
Chippewa-North	(25)									(31)	(308)	----
Chippewa-Pickford	(80)									(62)	(620)	----
Clare-Isabella	(68)									(40)	(400)	----
Clinton-Ovid	(140)									(92)	(925)	----
Clinton-St. Johns	(260)									(150)	(1,650)	----
Delta	(95)									(85)	(850)	----
Dickinson-												
Alfalfaland	(50)									(45)	(450)	----
Dickinson-North	(89)									(65)	(650)	----
Emmet-North	(80)									(64)	(635)	----
Emmet-South	(100)									(61)	(640)	----
Genesee-Flushing	(190)									(109)	(935)	----
Genesee-GB-G'rich	(200)									(149)	(1,400)	----
Genesee-Northeast	(140)									(70)	(770)	----
Genesee-SW	(228)									(130)	(1,400)	----
Gladwin-Clare	(100)									(55)	(900)	----
Gogebic-Range	(109)									(63)	(629)	----
Grand Traverse-												
Traverse City	(149)									(92)	(1,050)	----
Gratiot-NW	(240)									(130)	(1,400)	----
Gratiot-SW	(185)									(111)	(1,350)	----
Hillsdale-Litchf'd	(70)									(55)	(550)	----
Hillsdale-N.Adams	(115)									(74)	(800)	----
Hillsdale-Pittsf'd	(85)									(60)	(590)	----
Hillsdale-Reading	(110)									(90)	(875)	----
Houghton-Copper	(70)									(49)	(490)	----
Houghton-Port.Lake	(69)									(46)	(458)	----
Huron-Harbor Beach	(78)									(58)	(575)	----
Huron-Pigeon	(125)									(80)	(800)	----
Huron-Tuscola	(55)									(35)	(350)	----
Ingham-Leslie	(180)									(100)	(1,000)	----
Ingham-Mason	(350)									(225)	(2,925)	----
Ingham-Stockbridge	(290)									(200)	(2,250)	----
Ingham-Williamston	(200)									(150)	(1,425)	----
Ionia	(225)									(140)	(1,430)	----
Iosco-Tawas City	(90)									(55)	(700)	----
Isabella-Nottawa	(130)									(85)	(950)	----
Isabella-Rolland	(70)									(60)	(660)	----
Jackson	(400)									(268)	(2,650)	----
Kalamazoo-East	(150)									(75)	(1,050)	----
Kalamazoo-West	(280)									(150)	(1,500)	----
Kalkaska	(85)									(68)	(790)	----
Lapeer-Columbville	(125)									(85)	(947)	----
Lapeer-Hadley	(90)									(60)	(700)	----
Lapeer-Imlay City	(210)									(167)	(1,730)	----

1/ See footnote (1) page 5.
2/ Red Danes.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name and number of associations	Number of herds	Number and breed of bulls used 1/							Number of cows		
		A	J	G	J	BS	SH	NF	Total	Registered	Total	Bred (1948)
MICHIGAN (continued)												
Mich. AHA (cont'd) (Affiliates)												
Lapeer-No. Branch-	(85)									(95)	(750)	----
Leelanau--------	(75)									(55)	(775)	----
Lenawee-Addison---	(90)									(60)	(770)	----
Lenawee-Morenci---	(60)									(37)	(400)	----
Lenawee-Sand Creek:	(90)									(69)	(775)	----
Lenawee-Tipton----	(190)									(140)	(1,450)	----
Livingston-Bri'ton:	(175)									(70)	(950)	----
Livingston-NW-----	(260)									(150)	(1,550)	----
Macomb-Richmond---	(175)									(90)	(1,250)	----
Macomb-Romeo------	(68)									(59)	(590)	----
Mason----------	(195)									(125)	(1,400)	----
Mecosta-Big Rapids:	(90)									(70)	(680)	----
Mecosta-Mer-S'wood:	(80)									(50)	(675)	----
Mecosta-Remus-----	(75)									(60)	(720)	----
Mecosta-Barryton- Chippewa-------	(78)									(55)	(590)	----
Midland---------	(55)									(57)	(575)	----
Missaukee-Falmouth:	(75)									(55)	(590)	----
Missaukee- L.City-	(48)									(38)	(480)	----
Missaukee-SW------	(72)									(64)	(660)	----
Monroe-Maybee-----	(110)									(60)	(950)	----
Monroe-Samaria----	(155)									(89)	(1,025)	----
Montcalm-Dairyland	(160)									(98)	(1,050)	----
Montcalm-Sheridan-	(160)									(104)	(1,200)	----
Muskegon-Brems-wick-Holton----	(135)									(95)	(1,000)	---
Muskegon-East------	(190)									(140)	(1,500)	----
Muskegon-NW------	(90)									(60)	(850)	----
Newaygo-Fremont---	(160)									(94)	(1,170)	----
Oakland-SW--------	(59)									(70)	(700)	----
Oakland # 2-------	(68)									(40)	(680)	----
Oceana----------	(125)									(50)	(700)	----
Ogemaw # 1--------	(80)									(65)	(770)	----
Ontonagon-Bruce---	(60)									(48)	(475)	----
Ontonagon-Mase----	(65)									(46)	(460)	----
Otsego-Gaylord----	(72)									(60)	(690)	----
Osceola-Evart-----	(49)									(32)	(400)	----
Osceola-Reed City-	(74)									(55)	(710)	----
Presque Isle-Hawks:	(90)									(64)	(640)	----
Saginaw-Art. Hill-	(160)									(91)	(1,125)	----
Saginaw-Chesaning-	(160)									(90)	(1,120)	----
Saginaw-Frank'muth:	(130)									(71)	(950)	----
Saginaw-Fran'trost:	(95)									(47)	(520)	----
Saginaw-Hemlock---	(186)									(90)	(1,040)	----
Sanilac-Brown City:	(200)									(130)	(1,500)	----
Sanilac-Croswell--	(180)									(125)	(1,350)	----
Sanilac-Deck'ville:	(168)									(135)	(1,410)	----
Sanilac-Marlette--	(160)									(131)	(1,425)	----
Sanilac-M'den City:	(85)									(43)	(700)	----
Sanilac-Sandusky--	(175)									(109)	(1,200)	----
Shiawassee-Hen'son:	(73)									(34)	(710)	----
Shiawassee-Perry--	(48)									(35)	(350)	----
St. Clair-Yale----	(160)									(70)	(1,200)	----
St.Joseph-Mendon--	(120)									(63)	(750)	----
St.Joseph-Sturgis-	(215)									(120)	(1,350)	----
St.Joseph- Three Rivers---	(120)									(75)	(950)	----
Tuscola-Cass City-	(85)									(42)	(750)	----
Tuscola-Kingston--	(85)									(60)	(770)	----
Tuscola-Millington:	(218)									(70)	(675)	----
Tuscola-Vassar----	(95)									(65)	(700)	----
Van Buren---------	(250)									(127)	(1,400)	----
Washtenaw-Lincoln-	(105)									(58)	(750)	----
Washtenaw-Salem---	(88)									(43)	(710)	----
Washtenaw-Chelsea-	(115)									(70)	(980)	----
Wexford-Manton----	(36)									(20)	(390)	----
Wexford-Mesick----	(50)									(45)	(495)	----
Wexford-South-----	(86)									(48)	(475)	----

1/ See footnote (1) page 5.

[illegible]

[illegible] and number of associations	Number of herds	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] tered	[illegible]	[illegible]
MINNESOTA (1/4)																
Barnum	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,500
Floodwood	[illegible]	[illegible]	--	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	3,400	[illegible]	[illegible]
Land O'Lakes	[illegible]	--	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,500	32,732	[illegible]	[illegible]
(Affiliates)																
Anoka-Hennepin	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	[illegible]
Askov	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--	[illegible]	[illegible]	(531)
Becker	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(2,479)
Blackduck	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(1,177)
Chisago	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	[illegible]
Crow Wing	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(1,150)
Douglas	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	--	[illegible]	[illegible]	(2,148)
East Ottertail	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	--	[illegible]	[illegible]
Farmers' Co-op	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(250)
First District	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,092)
Friendly Valley	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	[illegible]
Hinckley	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(1,105)
Isanti	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	[illegible]
Itasca	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kanabec	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(1,259)
Mahnomen	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	[illegible]
Morrison	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	(1,612)
North Pine	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Northome	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
North Central	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	(1,977)
Polk-Norman	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	--	[illegible]	[illegible]
Red River	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	[illegible]
Sheright	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	---	--	[illegible]	(1,309)
South Pine	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	-	[illegible]	(1,625)
Stevens	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	-	[illegible]	(231)
Tri-County	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	-	[illegible]	[illegible]
Wild Rice	----	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	---	[illegible]	[illegible]	(979)
Minnesota Valley	10,309	--	3	11	24	2	4	--	[illegible]	[illegible]	[illegible]	[illegible]	2,265	75,025	[illegible]	[illegible]
(Affiliates)																
Appleton	(47)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	---	[illegible]	----
Belgrade	(123)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	-	[illegible]	(278)
Beltrami	(237)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	--	[illegible]	(1,332)
Brown	(414)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(2,625)
Carver	(281)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	[illegible]	[illegible]	(1,358)
Chippewa	(172)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- --	----	[illegible]	----
Clay	(144)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	---	[illegible]	(619)
Cottonwood	(272)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,554)
Dakota	(253)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,356)
Dassel	(489)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(2,016)
Eden Valley	(120)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Grant	(115)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Hastings-Hennepin	(516)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,695)
Howard Lake-Hubard	(187)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,035)
Hutchinson	(84)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Jackson	(152)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Kandiyohi	(259)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,327)
Lac qui Parle	(291)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,174)
Lake Crystal	(91)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Lincoln	(180)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	---	[illegible]	(1,222)
Lyon	(272)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- --	----	[illegible]	(1,34[illegible])
McLeod	(333)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,598)
Melrose	(72)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Murray	(140)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
New Prague	(364)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	- --	[illegible]	(1,847)
Pope	(184)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(664)
Red Wood	(288)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,202)
Renville	(527)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,511)
Rock	(114)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Sibley	(215)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- --	- --	[illegible]	(1,302)
St. Cloud	(157)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	---	[illegible]	(234)
St. Peter	(557)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	---	[illegible]	(2,500)
Swift	(194)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(463)
Todd	(521)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(3,342)
Wadena	(149)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,323)
Waseca	(380)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(2,020)
Wilkin	(181)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	----
Winnebago	(181)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(880)
West Ottertail	(462)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(3,090)
Wright	(181)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,312)
Yellow Medicine	(410)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	----	----	[illegible]	(1,934)

1/ See footnote (1) page 5.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1948)
MINNESOTA (continued)												
Northwest Minn	978	--	--	6	11	--	3	--	20	----	7,608	5,460
(Affiliates)												
Bagley	(99)									----	(792)	(728)
Fosston	(116)									----	(928)	(881)
Goodridge	(44)									----	(352)	(173)
Grygla	(40)									----	(320)	(204)
Lancaster	(104)									----	(832)	(459)
Middle River	(34)									----	(272)	(273)
Roseau	(179)									----	(1,332)	(848)
Spooner	(60)									----	(480)	(220)
Thief River Falls	(179)									----	(1,416)	(1,080)
Warren	(67)									----	(436)	(385)
Warroad	(56)									----	(448)	(209)
Southern Minn	3,640	--	--	--	--	--	--	--	(2)	824	31,586	24,763
(Affiliates)												
Austin	(451)									(108)	(2,365)	(1,922)
Clarks Grove	(170)									(55)	(1,603)	(1,226)
Dodge	(200)									(48)	(2,140)	(1,463)
Freedom	(174)									(36)	(1,742)	(1,166)
Goodhue	(640)									(118)	(6,440)	(5,388)
Harmony	(165)									(26)	(1,563)	(983)
Olmsted	(230)									(58)	(2,265)	(1,505)
Spring Valley	(250)									(38)	(1,982)	(1,608)
Steele	(955)									(228)	(7,120)	(5,636)
Wabasha	(190)									(53)	(1,936)	(1,728)
Winona	(215)									(56)	(2,430)	(2,138)
Aitkin	668								(3)	125	5,600	3,576
Cass	135								(3)	50	1,400	157
Embarrass Valley	50								(3)	15	500	272
Lakehead	100								(3)	20	1,000	866
Makinen	100								(3)	----	1,000	225
North St. Louis	250								(3)	40	1,000	701
West St. Louis	378								(3)	10	1,000	703
Staples	247								(3)	30	2,250	1,364
Caledonia	----								(4)	----	2,896	2,896
Nodine	----								(4)	----	1,225	1,225
Rushford	----								(4)	----	3,146	3,146
Spring Grove	----								(4)	----	1,641	1,641
Total	23,537	--	10	45	57	9	15	--	136	6,029	175,509	129,695
MISSISSIPPI (22)												
Miss. ABA	2,608	--	11	--	--	--	--	--	11	1,572	15,800	6,293
(Affiliates)												
Alcorn	(215)									(252)	(825)	(441)
Attala	(275)									(150)	(1,070)	(515)
Chickasaw	(150)									(75)	(700)	(703)
Clay	(150)									(60)	(500)	(300)
Hinds-Rankin	(88)									(127)	(1,077)	(520)
Hattiesburg	(116)									(45)	(573)	(334)
Lowndes	(181)									(86)	(1,125)	(448)
Marion	(75)									(38)	(700)	(218)
Montgomery-Carroll	(328)									(175)	(1,090)	(458)
Neshoba	(208)									(39)	(871)	(205)
Newton	(226)									(127)	(2,460)	(575)
Oktibbeha	(110)									(236)	(1,116)	(437)
Pearl River # 1	(109)									(40)	(1,300)	(292)
Pearl River # 2	(61)									(35)	(700)	(100)
Scott	(82)									(16)	(504)	(272)
South Miss	(129)									(47)	(741)	(307)
Sunflower	(105)									(24)	(448)	(168)
DeSoto	657								(5)	79	1,964	740
Pike Breeders Co-op	478	--	6						6	272	5,128	1,797
(Affiliates)												
Copiah-Lincoln	(158)									(75)	(1,776)	(113)
Franklin	(20)									(15)	(200)	(175)
Pike	(300)									(182)	(3,152)	(1,509)
Tupelo Area ABA	1,547	--	7	--	--	--	--	--	7	1,543	5,144	5,144
Total	5,290	--	24	--	--	--	--	--	24	3,466	28,036	13,974

1/ See footnote (1) page 5.
2/ Bulls reported under Minnesota Valley (owned cooperatively).
3/ Buys semen from Wisconsin Scientific Breeding Institute.
4/ Buys semen from Tri-State Co-op (Wisconsin).
5/ Buys semen from Indiana ABA.

ARTIFICIAL BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Registered	Number of cows	
		A	J	G	H	BS	SH	NR	Total		Total	Bred (1948)
MISSOURI (76)												
East Missouri	1,7[illegible]	--	7	5	6	--	--	--	18	2,000	[illegible]	[illegible]
(Affiliates)												
Cape Girardeau	----									----	(1,529)	[illegible]
Cole	----									----	(1,055)	[illegible]
Columbia	----									----	[illegible]	(88)
Farmington	----									----	(1,052)	[illegible]
Jefferson	----									----	[illegible]	[illegible]
La Belle	----									----	[illegible]	(625)
O'Fallon	----									----	[illegible]	(807)
Osage	----									----	[illegible]	[illegible]
Perry	----									----	(1,220)	[illegible]
Pike	----									----	(990)	[illegible]
Troy	----									----	[illegible]	(527)
Versailles	----									----	(892)	(516)
Washington	----									----	(1,505)	(981)
Independent 2/	----									----	[illegible]	(580)
Mo. Dairy Breeding	1,869	--	4	3	--	--	--	--	7	[illegible]	9,300	7,044
(Affiliates)												
Jasper-Barton	(700)									----	(3,400)	(2,900)
Lawrence	(214)									----	(1,300)	(1,079)
McDonald	(180)									----	(1,000)	(557)
Newton	(600)									----	(2,900)	(1,900)
Vernon	(175)									----	(700)	(608)
M. F. A.	9,000	--	18	10	4	--	--	--	32	5,000	33,1[illegible]	26,799
(Affiliates)												
Alton	----									----	----	(362)
Ash Grove	----									----	----	[illegible]
Ava	----									----	----	(609)
Billings	----									----	----	(965)
Birch Tree	----									----	----	(266)
Bolivar	----									----	----	(647)
Brighton	----									----	----	(506)
Buffalo	----									----	----	(860)
Cabool	----									----	----	(865)
Cassville	----									----	----	(678)
Clinton	----									----	----	(328)
Cole Camp	----									----	----	(155)
Conway	----									----	----	[illegible]
Crane	----									----	----	[illegible]
Dadeville	----									----	----	(578)
El Dorado Springs	----									----	----	[illegible]
Etterville	----									----	----	(158)
Fordland	----									----	----	(828)
Greenfield	----									----	----	(794)
Hartville	----									----	----	(284)
Hazelgreen	----									----	----	[illegible]
Houston	----									----	----	[illegible]
Humansville	----									----	----	(1,022)
Kirbyville	----									----	----	(267)
Lebanon	----									----	----	(926)
Mansfield	----									----	----	(520)
Marshfield	----									----	----	(629)
Monett	----									----	----	[illegible]
Mtn. Grove	----									----	----	[illegible]
Osceola	----									----	----	[illegible]
Ozark	----									----	----	[illegible]
Rolla	----									----	----	(223)
Salem	----									----	----	[illegible]
Sedalia	----									----	----	(989)
Springfield	----									----	----	(4,290)
Stockton	----									----	----	(441)
Vienna	----									----	----	(122)
Walnut Grove	----									----	----	(623)
Warrensburg	----									----	----	(660)
Warsaw	----									----	----	(267)
West Plains	----									----	----	[illegible]
Midwest	2,125	--	6	7	8	--	--	--	21	600	10,000	7,484
(Affiliates)												
Blue Springs	(200)									(40)	(950)	[illegible]
Boonville	(100)									(40)	(470)	(350)
Brookfield	(100)									(30)	(385)	(275)
Butler	(175)									(50)	(860)	[illegible]
Cameron	(150)									(30)	(450)	(340)

1/ See footnote (1) page 5. 2/ Independent circuits or services that buy semen from East Mo. ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	PS	SH	NR	Total	Registered	Total	Bred (1948)
MISSOURI (continued)												
Midwest (continued)												
(Affiliates)												
Carrollton- ------	(100)									(25)	(325)	(270)
Columbia----------	(75)									(40)	(375)	(385)
Concordia---------	(125)									(40)	(275)	(180)
Gallatin----------	(125)									(25)	(495)	(330)
Kirksville--------	(150)									(40)	(590)	(455)
Lancaster---------	(100)									(10)	(150)	(135)
Maryville---------	(100)									(30)	(700)	(495)
Maysville---------	(100)									(30)	(500)	(350)
Meadville---------	(75)									(40)	(500)	(340)
Princeton---------	(75)									(10)	(175)	(124)
St. Joseph--------	(200)									(60)	(1,450)	(950)
Trenton----------	(175)									(60)	(1,350)	(925)
Total----------	14,767	--	35	25	18	--	—	--	78	8,304	67,984	49,732
MONTANA (9)												
Western Mont. ABA---	1,027	--	3	4	5	--	--	--	12	210	8,674	4,821
(Affiliates)												
Arlee----------	(128)									(25)	(1,123)	(114)
Bozeman----------	(144)									(30)	(1,208)	(901)
Hamilton----------	(114)									(30)	(1,104)	(597)
Hot Springs-------	(49)									(25)	(310)	(69)
Kalispell---------	(151)									(25)	(1,294)	(812)
Livingston--------	(48)									(0)	(302)	(47)
Missoula----------	(125)									(15)	(905)	(545)
Ronan----------	(132)									(30)	(1,167)	(886)
Stevensville------	(136)									(30)	(1,261)	(850)
NEBRASKA (37)												
Douglas Co-op-------	500	--	--	3	6	4	4	--	17	150	3,000	2,700
Burt----------	200								(2)	35	700	500
Butler----------	158								(2)	40	780	597
Cheyenne----------	201								(2)	20	398	220
Colfax----------	185								(2)	35	600	561
Dakota-Dixon--------	184								(2)	8	611	388
Dawson----------	228								(2)	2	752	382
Dodge----------	190								(2)	50	1,223	769
Loup Valley---------	93								(2)	6	750	382
Polk----------	319								(2)	75	957	607
Saunders----------	181								(2)	100	900	854
Thurston----------	101								(2)	0	200	368
Washington----------	175								(2)	25	1,500	779
Uni.of Nebr.Bull Stud		--	4	6	10	--	6	--	26			
Lancaster ----------	708								(3)	110	6,372	2,226
Beauty Girl---------	170								(3)	150	1,000	893
Box Butte- ---------	71								(3)	300	650	25
Central Nebr--------	173								(3)	0	1,230	596
Farmers D'ry Breeder:	221								(3)	20	1,100	903
Fillmore----------	229								(3)	50	1,248	700
Gage----------	320								(3)	50	1,800	1,126
Hamilton----------	187								(3)	100	1,000	800
Johnson----------	387								(3)	200	1,500	1,098
Otoe----------	305								(3)	35	1,910	1,027
Republican Valley---	214								(3)	35	1,150	1,159
Richardson----------	625								(3)	200	4,000	3,258
Saline------ -------	177								(3)	50	850	750
Seward----------	375								(3)	120	2,400	1,475
Southwest Nebr------	150								(3)	20	540	251
York----------	349								(3)	300	2,000	1,464
Norfolk----------	219	--	--	3	4	3	4	--	14	97	1,935	2,210
Boone----------	152								(4)	6	670	516
Cedar----------	112								(4)	2	983	244
Cuming----------	297								(4)	20	1,596	1,107
Humphrey----------	147								(4)	60	1,210	967
Knox----------	243								(4)	0	1,000	794
Tri-County----------	199								(4)	46	932	648
Wayne----------	214								(4)	62	1,250	1,105
Total----------	8,959	--	4	12	20	7	14	--	57	2,579	50,697	34,449

1/ See footnote (1) page 5.
2/ Buys semen from Douglas Association.
3/ Buys semen from University of Nebraska Bull Stud.
4/ Buys semen from Norfolk Association.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Regis-tered	Total	Bred (1948)
NEW HAMPSHIRE (12)												
New Hampshire ABA	2,613	--	8	13	10	--	--	--	31	4,255	18,463	12,180
(Affiliates)												
Claremont	(172)									(350)	(1,651)	(1,177)
Colebrook	(71)									(200)	(878)	(457)
Concord	(235)									(340)	(1,195)	(914)
Concord (Belknap)	(258)									(225	(1,299)	(799)
Exeter	(345)									(575)	(2,380)	(1,600)
Lebanon	(256)									(600)	(2,161)	(1,746)
Laconia	(210)									(300)	(1,453)	(735)
Lancaster	(137)									(270)	(1,429)	(991)
Nashua	(354)									(450)	(2,050)	(1,373)
Peterboro	(244)									(250)	(1,353)	(1,050)
Rochester	(183)									(370)	(1,031)	(518)
Woodsville	(148)									(325)	(1,583)	(823)
NEW JERSEY (9)												
Co-op # 1 ABA	2,021	--	5	6	8	3	--	--	22	1,560	15,[illegible]	12,441
Tri-County	45								(2)	50	400	367
Plainsboro	430	--	3	6	6	1	--	--	16	375	5,650	5,500
Burlington	557								(3)	510	4,520	4,013
Monmouth	250								(3)	100	1,155	900
South Jersey	350								(3)	190	2,555	2,236
Sussex Co-op	425	--	--	5	14	2	--	--	21	1,000	7,000	5,583
Morris	340								(4)	205	1,850	1,746
Northeast	257								(4)	180	1,100	950
Total	4,675	--	8	17	28	6	--	--	59	4,170	39,530	33,726
NEW YORK (68)												
Broome	1,532	--	3	3	7	--	--	--	13	6,000	18,000	5,200
Rondout	11	--	--	--	2	--	--	--	2	300	350	354
Seneca	300	--	--	2	2	--	--	--	4	200	1,600	1,547
New York AB Co-op	28,207	13	20	22	46	--	--	3	104	58,459	233,835	151,328
(Affiliates) 5/												
Total	30,050	13	23	27	57	--	--	3	123	64,959	253,785	158,429
NORTH CAROLINA (34)												
Forsyth	500	--	--	3	4	--	--	--	7	575	2,55[illegible]	1,063
Southeastern ABA		--	8	8	6	--	--	--	22			
Alamance	155								(6)	275	925	700
Alleghany	350								(6)	275	1,830	642
Ashe	95								(6)	75	375	329
Buncombe	165								(6)	275	1,165	673
Caldwell	150								(6)	200	725	225
Cleveland	375								(6)	390	1,900	1,044
Coastal	195								(6)	120	680	129
Catawba	180								(6)	320	1,225	93
Davidson	179								(6)	300	1,035	357
Davie	140								(6)	250	1,275	760
Gaston	165								(6)	150	1,175	483
Guilford	185								(6)	300	1,240	757
Haywood	140								(6)	125	620	403
Henderson	90								(6)	200	700	486
Iredell	357								(6)	600	2,475	1,147
Macon	84								(6)	100	421	335
Madison	35								(6)	40	150	23
Mecklenburg	220								(6)	400	1,465	698
McDowell	125								(6)	75	475	83
Mitchell	275								(6)	140	820	300
Murphy	245								(6)	160	842	402
Orange	185								(6)	100	740	62

1/ See footnote (1) page 5.
2/ Buys semen from Co-op # 1 ABA.
3/ Buys semen from Plainsboro Association.
4/ Buys semen from Sussex Co-op.
5/ New York AB Co-op Affiliates: Adirondack; Albany; Allegany; Altona; Canton; Catskill; Cattaraugus; Cayuga; Champlain; Chatauqua; Chenango; Columbia; Cooperstown; Cortland; No. Delaware; Dutchess; So. Erie; No. Erie; Essex; Franklin; Genesee; Gilboa; Gouvernour; Greene; Hancock; Herkimer; Jefferson; Lewis; Livingston; Madison; Margaretville; Mohawk; Monroe; Montgomery; Nassau; Niagara; Oneida; Oneonta; Onondaga; Ontario; On-Wego; Orange; Orleans; Oswego; North Shore; Pioneer; Rensselaer; Saratoga; Schoharie; Schuyler-Chemung; St. Lawrence; E. St. Lawrence; Steuben; Suffolk; Sullivan; Tioga; Ulster; United; Walton; Washington; Wayne; Wharton Valley; Worcester; Wyoming; Yates.
6/ Buys semen from Southeastern ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1948)
NORTH CAROLINA (cont'd)												
Randolph	287								(2)	400	1,865	524
Rockingham	140								(2)	200	820	645
Rowan	125								(2)	325	1 742	478
Rutherford	138								(2)	195	815	606
Surry	210								(2)	200	1,020	201
Twin-County	25								(2)	50	275	65
Union	274								(2)	350	1,879	866
Vance-Warren	150								(2)	150	680	70
Watauga	125								(2)	75	540	480
Yadkin	165								(2)	350	1,110	613
Yancey	175								(2)	100	760	149
Total	6,404	--	8	11	10	--	--	--	29	7,840	36,314	15,891
NORTH DAKOTA (5)												
Hankinson	190								(3)	45	1,630	65
LaMoure-Edgeley	73								(3)	50	950	21
Red River Valley	63								(3)	150	623	403
Richland-Wilkes	73								(3)	80	705	65
Valley Breeders	114								(3)	146	1,539	534
Total	513									471	5,447	1,088
OHIO (83)												
Central Ohio	16,517	7	12	13	10	6	--	--	48	----	58,099	58,099
(Affiliates)												
Adams	(128)									----	----	(298)
Athens	(126)									----	----	(830)
Ashtabula	(559)									----	----	(2,150)
Allen	(179)									----	----	(2,411)
Auglaize	(496)									----	----	(2,136)
Brown	(185)									----	----	(191)
Butler	(436)									----	----	(1,297)
Carroll	(457)									----	----	(1,340)
Clermont	(308)									----	----	(1,269)
Clark	(273)									----	----	(1,140)
Clinton	(242)									----	----	(856)
Columbiana	(423)									----	----	(1,186)
Coshocton	(335)									----	----	(1,314)
Darke	(579)									----	----	(2,065)
Defiance	(354)									----	----	(1,255)
Fairfield	(313)									----	----	(1,061)
Fulton	(378)									----	----	(1,145)
Fayette	(143)									----	----	(422)
Franklin	(320)									----	----	(1,136)
Gallia	(120)									----	----	(534)
Geauga-Lake	(636)									----	----	(1,392)
Greene	(374)									----	----	(1,174)
Guernsey	(137)									----	----	(858)
Hamilton	(198)									----	----	(610)
Harrison	(133)									----	----	(840)
Highland	(235)									----	----	(1,348)
Hocking	(103)									----	----	(410)
Jackson	(78)									----	----	(255)
Jefferson	(207)									----	----	(806)
Licking	(513)									----	----	(2,521)
Madison	(186)									----	----	(950)
Mahoning	(351)									----	----	(844)
Meigs	(141)									----	----	(820)
Mercer	(435)									----	----	(1,409)
Miami	(341)									----	----	(2,012)
Montgomery	(705)									----	----	(1,600)
Portage	(568)									----	----	(1,624)
Muskingum	(268)									----	----	(1,196)
Morgan	(175)									----	----	(724)
Perry	(176)									----	----	(817)
Paulding	(230)									----	----	----
Pike	(60)									----	----	(193)
Pickaway	(230)									----	----	(982)
Preble	(484)									----	----	(1,545)
Ross	(148)									----	----	(318)
Scioto	(82)									----	----	(119)

1/ See footnote (1) page 5.
2/ Buys semen from Southeastern ABA.
3/ Buys semen from Land O'Lakes (Minnesota).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	RG	SH	MT	Total	Registered	Total	Bred (1948)
OHIO (continued)												
Central Ohio (cont'd)												
(Affiliates)												
Shelby	(391)									----	----	(1,613)
Summit	(596)									----	----	(838)
Trumbull	(595)									----	----	(1,465)
Tuscarawas	(288)									----	----	(1,303)
Van Wert	(274)									----	----	(793)
Washington	(270)									----	---	(1,059)
Warren	(255)									----	----	(997)
Northern Ohio	14,032	5	10	9	9	6	--	--	39	8,189	81,215	59,965
(Affiliates)												
Ashland	(609)									(425)	(3,654)	(2,836)
Belmont	(316)									(160)	(1,896)	(1,333)
Champaign	(388)									(200)	(2,328)	(1,814)
Crawford	(515)									(259)	(3,090)	(2,167)
Delaware	(624)									(419)	(3,744)	(3,492)
Erie	(224)									(78)	(1,120)	(704)
Hancock	(436)									(135)	(2,180)	(1,355)
Hardin	(354)									(129)	(1,770)	(1,286)
Henry	(463)									(193)	(2,315)	(1,632)
Holmes	(398)									(407)	(2,388)	(1,726)
Huron	(446)									(183)	(2,230)	(1,833)
Knox	(473)									(208)	(2,365)	(1,889)
Logan	(602)									(356)	(3,612)	(2,738)
Lorain	(577)									(490)	(4,039)	(2,880)
Lucas	(134)									(40)	(690)	(402)
Marion	(352)									(210)	(2,112)	(1,748)
Medina	(640)									(472)	(4,480)	(2,951)
Monroe	(262)									(72)	(1,572)	(1,448)
Morrow	(533)									(252)	(2,665)	(1,936)
Ottawa	(245)									(103)	(1,225)	(861)
Putnam	(375)									(158)	(1,875)	(1,314)
Richland	(461)									(245)	(2,305)	(1,631)
Sandusky	(533)									(333)	(3,198)	(2,217)
Seneca	(755)									(469)	(4,530)	(2,933)
Stark	(407)									(468)	(3,256)	(2,602)
Union	(514)									(413)	(3,084)	(2,752)
Wayne	(756)									(685)	(5,292)	(4,028)
Williams	(426)									(153)	(2,130)	(1,532)
Wood	(618)									(204)	(3,090)	(1,699)
Wyandot	(596)									(267)	(2,980)	(2,226)
Total	30,549	12	22	22	19	12	--	--	87	8,189	139,314	118,064
OKLAHOMA (22)												
Eastern Okla	1,675	--	8	5	4	--	--	--	17	1,612	9,582	4,874
(Affiliates) 2/												
Northwest Okla	1,692	--	7	5	6	--	6	--	24	1,254	12,491	7,336
(Affiliates) 3/												
Total	3,367	--	15	10	10	--	6	--	41	2,866	22,073	12,210
OREGON (7)												
Ore. Dairy Breeders	1,768	--	8	7	6	--	--	--	21	1,980	12,171	7,955
(Affiliates)												
Coos	(34)									(30)	(400)	(293)
Josephine	(165)									(200)	(1,182)	(1,006)
Linn--Benton	(273)									(300)	(1,775)	(1,197)
Malheur	(176)									(200)	(1,200)	(1,095)
Marion	(210)									(350)	(1,586)	(1,228)
Washington	(250)									(400)	(2,428)	(1,833)
Yamhill	(660)									(500)	(3,600)	(1,303)

1/ See footnote (1) page 5.

2/ Eastern Oklahoma Affiliates: Broken Arrow; Cherokee; Collinsville; Eastern Oklahoma; Mayes; Muskogee; Ottawa; Sequoyah; Westville.

3/ Northwest Oklahoma Affiliates: Dewey; Elk City; Ellis; Grady; Greer; Jackson; Kay; Major; Northwest; Oklahoma; Payne; Sapulpa; Washita.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	B	BS	S	NR	Total	Registered	Total	Bred (1948)
PENNSYLVANIA (49)												
First Pa. AB Co-op	3,324	--	--	9	11	--	--	--	20	6,877	27,464	20,473
(Affiliates)												
Centre	(368)									(750)	(3,175)	(2,543)
Clinton	(270)									(599)	(2,122)	(1,512)
Juniata	(151)									(644)	(1,526)	(528)
Lycoming	(718)									(671)	(4,099)	(3,188)
McKean	(375)									(341)	(2,733)	(1,940)
Mifflin	(224)									(497)	(2,673)	(1,869)
Perry	(398)									(1,150)	(3,300)	(2,100)
Schuylkill	(320)									(800)	(2,500)	(2,122)
Union	(500)									(1,425)	(5,336)	(4,048)
Lehigh Valley Co-op	1,800	4	3			--	--	--	21	4,394	11,651	11,303
Neps AB Co-op	6,075	5	9		18	--	--	--	43	11,890	48,447	46,337
(Affiliates)												
East Bradford	(688)									(1,039)	(6,270)	(5,632)
West Bradford	(646)									(2,130)	(5,859)	(5,537)
Luco	(775)									(755)	(4,206)	(4,066)
Montrose	(726)									(1,035)	(2,278)	(2,186)
Potter	(382)									(950)	(3,180)	(2,734)
Sulbra	(377)									(467)	(2,221)	(1,976)
Susquehanna	(410)									(1,135)	(3,417)	(2,983)
Tioga	(765)									(1,453)	(6,489)	(5,836)
Tunkhannock	(979)									(1,057)	(7,157)	(7,673)
Wayne	(848)									(1,849)	(7,370)	(6,282)
Southeastern Co-op	4,541	4	4	9	10	--	--	--	27	17,316	43,611	35,217
(Affiliates)												
Chester	(727)									(1,954)	(6,553)	(6,453)
Cumberland	(552)									(1,686)	(4,192)	(3,334)
Franklin	(294)									(590)	(3,349)	(2,283)
Fulton	(198)									(150)	(1,457)	(326)
Lancaster	(2,100)									(11,571)	(21,489)	(18,942)
Montgomery	(360)									(1,100)	(4,966)	(2,462)
Northumberland	(310)									(265)	(1,605)	(1,480)
Western Pa. Co-op	10,223	--	10	29	34	--	--	--	73	18,833	63,917	51,905
(Affiliates)												
Armstrong	(249)									(440)	(1,619)	(919)
Beaver	(614)									(70)	(2,705)	(2,128)
Bedford	(170)									(268)	(1,332)	(550)
Butler	(700)									(2,642)	(4,056)	(2,770)
Cambria	(381)									(440)	(1,977)	(1,803)
Clarion	(430)									(1,179)	(3,184)	(2,450)
Clearfield	(495)									(397)	(2,410)	(1,859)
Crawford	(654)									(1,634)	(4,258)	(3,580)
Erie	(575)									(515)	(2,890)	(1,450)
Fayette	(475)									(400)	(2,802)	(2,009)
Indiana	(543)									(1,130)	(4,489)	(3,600)
Jefferson	(392)									(1,275)	(2,476)	(1,987)
Lawrence	(483)									(766)	(2,238)	(2,898)
Mercer	(662)									(340)	(3,949)	(3,512)
Morrison's Cove	(355)									(1,275)	(3,011)	(2,350)
Somerset	(475)									(450)	(2,929)	(2,456)
Titusville	(352)									(539)	(2,387)	(2,269)
Tyrone	(270)									(360)	(2,375)	(1,665)
Venango	(308)									(227)	(1,515)	(696)
Warren	(405)									(1,421)	(2,445)	(1,900)
Washington	(535)									(1,315)	(3,870)	(3,042)
Westmoreland	(700)									(1,730)	(5,000)	(4,538)
Total	25,963	13	26	65	80	--	--	--	184	59,310	195,090	165,235
RHODE ISLAND (1)												
R.I. Breeders' Co-op	187	3	2	4	8	--	--	--	17	644	1,100	952
SOUTH DAKOTA (11)												
S. Dak. AB Co-op	1,473	--	1	5	6	5	7	--	24	1,200	13,347	5,026
(Affiliates)												
Brookings	(112)									(95)	(1,008)	(535)
Clay	(215)									(98)	(1,935)	(719)
Day	(117)									(103)	(1,053)	(346)
Elk Point	(185)									(168)	(1,665)	(470)
Gregory	(151)									(134)	(1,359)	(537)
Kingsbury-Codington	(93)									(87)	(936)	(321)
Huron	(45)									(28)	(405)	(267)
Lake	(125)									(107)	(1,115)	(306)
Minnehaha	(167)									(182)	(1,603)	(822)
Tripp	(143)									(126)	(1,287)	(557)
Roberts	(109)									(92)	(981)	(146)

1/ See footnote (1) page 5.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	S	SH	M	Total	Average bred	Total	Bred (1948)
TENNESSEE (31)												
East Tennessee ABA	546	--	3	4	3	--	--	--	10	500	5,257	3,262
(Affiliates)												
Blount	(66)									----	(767)	(1,[illegible])
Hamblen	(56)									---	(945)	(1,[illegible])
Jefferson	(76)									----	(635)	(465)
Knoxville	(168)									---	(1,428)	(891)
Loudoun	(10)									----	(302)	(287)
McMinn-Meigs	(39)									---	(422)	(235)
Monroe	(51)									----	(740)	(425)
Sullivan	(80)									---	(618)	(416)
Mid-South	393	--	6	4	2	--	--	--	2/12	79	600	900
Tennessee ABA	2,603	--	12	6	5	--	--	--	23	1,600	20,552	12,041
(Affiliates)												
Bedford	(168)									---	(1,510)	(1,040)
Cannon	(74)									----	(547)	(388)
Davidson	(247)									----	(1,466)	(1,017)
Franklin	(137)									----	(1,414)	(1,[illegible])
Giles	(194)									----	(1,562)	(530)
Lawrence	(62)									---	(374)	(260)
Lincoln	(191)									----	(1,680)	(1,052)
Macon	(87)									----	(514)	(270)
Marshall	(141)									----	(1,321)	(713)
Maury	(82)									----	(831)	(394)
Robertson	(376)									----	(1,713)	(1,122)
Rutherford	(138)									----	(1,216)	(824)
Smith	(184)									----	(1,102)	(527)
Sumner	(284)									----	(2,986)	(1,837)
Williamson	(123)									----	(1,186)	(1,063)
Wilson-DeKalb	(115)									----	(1,130)	(874)
Yorkville	550	--	8	--	--	--	--	--	8	800	2,500	2,117
Carroll	234								(3)	83	870	578
Crockett	290								(3)	110	875	643
Henry	236								(3)	138	1,109	725
Madison	227								(4)	130	1,320	657
Weakley	273								(3)	230	1,600	999
Total	5,352	--	29	14	10	--	--	--	53	3,695	34,683	21,922
TEXAS (32)												
Texas A&M Bull Stud	40	--	9	--	4	--	--	--	13	350	500	601
Guadalupe	44								(5)	35	661	249
Hopkins	109								(5)	60	541	222
Houston	135								(5)	250	3,245	1,273
McLennan	154								(5)	130	1,722	474
Nacogdoches	59								(5)	45	629	340
Tom Green	70								(5)	55	683	386
North Tex. AB Farm	1	--	7	3	4	--	--	--	14	30	30	30
Archer	34								(6)	80	897	322
Blum	7								(6)	18	435	44
Collin	77								(6)	85	950	700
Dallas	434								(6)	175	3,257	1,564
Denton	138								(6)	95	1,598	948
Grayson	35								(6)	25	435	220
Honey	56								(6)	35	700	29
Hunt	185								(6)	120	1,591	770
Johnson	111								(6)	110	2,158	785
Kaufman	101								(6)	65	1,080	471
Lamar	92								(6)	74	1,093	383
Parker	108								(6)	125	1,858	1,157
Smith	78								(6)	82	1,200	285
Tarrant	61								(6)	210	2,095	1,118
Wichita	121								(6)	65	853	430
Wilbarger	40								(6)	35	550	74
Wise	77								(6)	125	1,542	558
Rio Vista	25	--	9	--	2	--	--	--	11	350	960	350
Zavala	75								(7)	25	600	350
Texas Tech Bull Stud	195	--	4	--	4	--	--	--	8	215	1,157	697
Hale	46								(8)	35	398	129
Hockley	34								(8)	25	210	36
Lamb	24								(8)	15	130	45
Wilbarger	40								(8)	32	458	74
Total	2,806	--	29	3	14	--	--	--	[illegible]	3,179	34,708	15,114

1/ See footnote (1) page 5.
2/ Also buys semen from Yorkville and Ind. ABA.
3/ Buys semen from Yorkville.
4/ Buys semen from Yorkville and Tenn. ABA.
5/ Buys semen from Texas A&M Bull Stud.
6/ Buys semen from North Texas ABA.
7/ Buys semen from Rio Vista.
8/ Buys semen from Texas Tech.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NP	Total	Breds served	Total	Bred (1948)
UTAH (2)												
Cache Valley ABA----	224	--		--	6	--	--	--	7	85	2,614	170
(Affiliates) 2/												
Box Elder---------	(62)									(25)	(800)	(44)
South Cache-------	(162)									(60)	(1,814)	(126)
VERMONT (23)												
Addison----------	322								(3)	600	3,981	2,724
Green Mountain----	141								(3)	129	1,291	964
Brattleboro-Cir.# 13	120								(4)	268	1,411	566
Claremont-Cir.# 10--	57								(4)	166	690	420
Colebrook-Cir.# 9---	7								(4)	6	132	24
Enosburg-Cir.# 15---	82								(4)	316	2,066	559
Lancaster-Cir.# 8---	17								(4)	12	388	41
Lebanon-Cir.# 7 (Orange Co.)-------	18								(4)	56	385	120
Lebanon-Cir.# 7 (Windsor Co.)------	89								(4)	585	1,537	812
Lyndonville-Cir.# 16: (Essex Co.)----------	4								(4)	13	193	33
Lyndonville-Cir.# 18: (Caledonia Co.)----	38								(4)	36	899	280
St.Johnsbury-Cir.#14: (Washington Co.)---	1								(4)	14	49	4
St.Johnsbury-Cir.#14: (Caledonia Co.)----	91								(4)	137	2,028	950
Swanton-Cir.# 16----	81								(4)	92	1,927	709
Walpole-Cir.# 17----	18								(4)	39	275	179
Woodsville-Cir.# 5--	21								(4)	75	292	155
Central Vt----------	450	--	7	--	--	--	--	--	7	715	6,000	3,900
(Affiliates)												
Chittenden--------	(80)									(150)	(1,200)	(1,000)
East Washington---	(70)									(75)	(1,000)	(750)
West Washington---	(60)									(65)	(800)	(650)
Lower Lamoille---	(40)									(60)	(600)	(300)
Upper Lamoille----	(50)									(65)	(800)	(500)
Orange-Windsor----	(150)									(300)	(1,600)	(700)
Orleans----------	193								(5)	----	565	565
Total----------	1,750	--	7	--	--	--	--	--	7	3,259	24,109	13,005
VIRGINIA (13)												
Blue Ridge ABA------	444	--	---	8	7	--	--	--	15	----	4,102	2,933
(Affiliates)												
Bedford----------	(148)									----	(1,252)	(921)
Franklin----------	(143)									----	(1,600)	(1,302)
Ro-Bot----------	(153)									----	(1,250)	(710)
Carroll----------	200	--	--	--	--	--	--	--	--	----	1,300	121
Loudoun----------	93								(6)	----	1,601	1,171
North Va. Co-op-----	895	--	3	6	6	--	--	--	15	----	9,067	6,487
(Affiliates)												
Albemarle---------	(115)									----	(1,083)	(734)
Augusta----------	(120)									----	(1,197)	(1,002)
Culpeper----------	(120)									----	(1,700)	(1,420)
Fairfax----------	(124)									----	(907)	(698)
Frederick-Black---	(63)									----	(400)	(117)
Orange-Madison----	(98)									----	(1,152)	(419)
Rockbridge--------	(195)									----	(1,028)	(709)
Shenandoah Valley-	(60)									----	(1,600)	(1,388)
Total----------	1,632	--	3	14	13	--	--	--	30		16,070	10,712

1/ See footnote (1) page 5.
2/ North Cache reported in Idaho; Star Valley reported in Wyoming.
3/ Buys semen from New York ABA.
4/ Buys semen from New Hampshire ABA and Massachusetts ABA.
5/ Buys semen from New Hampshire ABA.
6/ Buys semen from Maryland ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Regis-tered	Total	Bred (1948)
WASHINGTON (19)												
Evergreen Breeders	2,402	--	6	6	6	--	--	--	18	1,354	14,160	11,200
(Affiliates)												
Clark	(225)									(156)	(1,400)	(947)
Cowlitz	(210)									(60)	(1,025)	(539)
Grays Harbor	(255)									(155)	(1,520)	(1,230)
North King	(220)									(120)	(1,600)	(1,353)
South King	(260)									(200)	(1,720)	(1,536)
Kitsap	(130)									(38)	(440)	(297)
Lewis	(265)									(165)	(1,590)	(1,470)
Pacific	(120)									(45)	(495)	(475)
Pierce	(245)									(115)	(1,450)	(923)
Thurston	(310)									(105)	(1,440)	(1,251)
Wahkiakum	(162)									(195)	(1,470)	(1,179)
Northwest Co-op	2,955	--	5	10	4	--	--	--	19	1,505	15,560	15,560
(Affiliates)												
Clallam	(183)									(65)	----	(1,092)
Deer Park	(130)									(40)	----	(456)
Jefferson	(83)									(35)	----	(471)
Skagit	(684)									(560)	----	(3,205)
Snohomish	(810)									(310)	----	(4,623)
Sunnyside	(225)									(75)	----	(1,041)
Whatcom	(840)									(420)	----	(1,672)
Walla Walla Valley	414	--	--	2	--	--	--	--	2/2	85	805	805
Total	5,771	--	11	18	10	--	--	--	39	2,944	30,525	27,565
WEST VIRGINIA (13)												
W. Va. ABA Co-op	3,565	3	7	6	7	--	--	--	23	3,110	23,517	12,727
(Affiliates)												
Cabell-Wayne	(136)									(100)	(1,148)	(625)
Central	(973)									(400)	(4,900)	(2,853)
East Panhandle	(196)									(175)	(1,439)	(696)
Greenbriar Valley	(253)									(300)	(1,898)	(902)
Jackson	(100)									(100)	(1,209)	(867)
Marshall	(342)									(400)	(2,511)	(1,087)
Mason	(127)									(500)	(1,556)	(889)
Monongalia	(295)									(300)	(1,254)	(793)
Ohio	(280)									(500)	(2,393)	(1,635)
Parkersburg	(81)									(75)	(800)	(87)
Preston	(280)									(100)	(1,646)	(848)
Tygart Valley	(247)									(80)	(1,285)	(749)
Tyler-Wetzel	(255)									(80)	(1,478)	(696)
WISCONSIN (33)												
Badger Co-op	12,467	--	--	29	23	--	--	--	52	4,114	137,149	100,937
Manitowoc	842								(3)	374	9,360	7,948
Dane-Iowa	230	--	--	--	6	--	--	--	6	264	1,200	905
East Central	3,300	--	--	5	12	2	--	4/4	23	4,000	40,000	30,009
Tri-State	6,300	--	8	14	15	6	--	--	43	7,931	66,092	43,431
Jackson	625								(5)	154	3,853	4,870
Uni. of Wisconsin Bull Stud		1	1	15	19	1	--	--	37			
Dane	1,288								(6)	688	16,000	12,734
Sauk	1,462								(6)	290	14,500	10,355
Ashland-Bayfield	310								(7)	87	2,914	2,284
Barron	500								(7)	275	5,000	819
Burnett	250								(7)	27	1,500	1,018
Glenwood	110								(7)	13	1,300	283
Pierce	575								(7)	300	6,000	2,564
Polk	960								(7)	768	7,680	4,873

1/ See footnote (1) page 5.
2/ Also buys semen from Evergreen Breeders.
3/ Buys semen from Badger Co-op.
4/ Aberdeen Angus.
5/ Buys semen from Tri-State.
6/ Buys semen from University of Wisconsin Bull Stud.
7/ Buys semen from Land O'Lakes, Inc. (Minnesota).

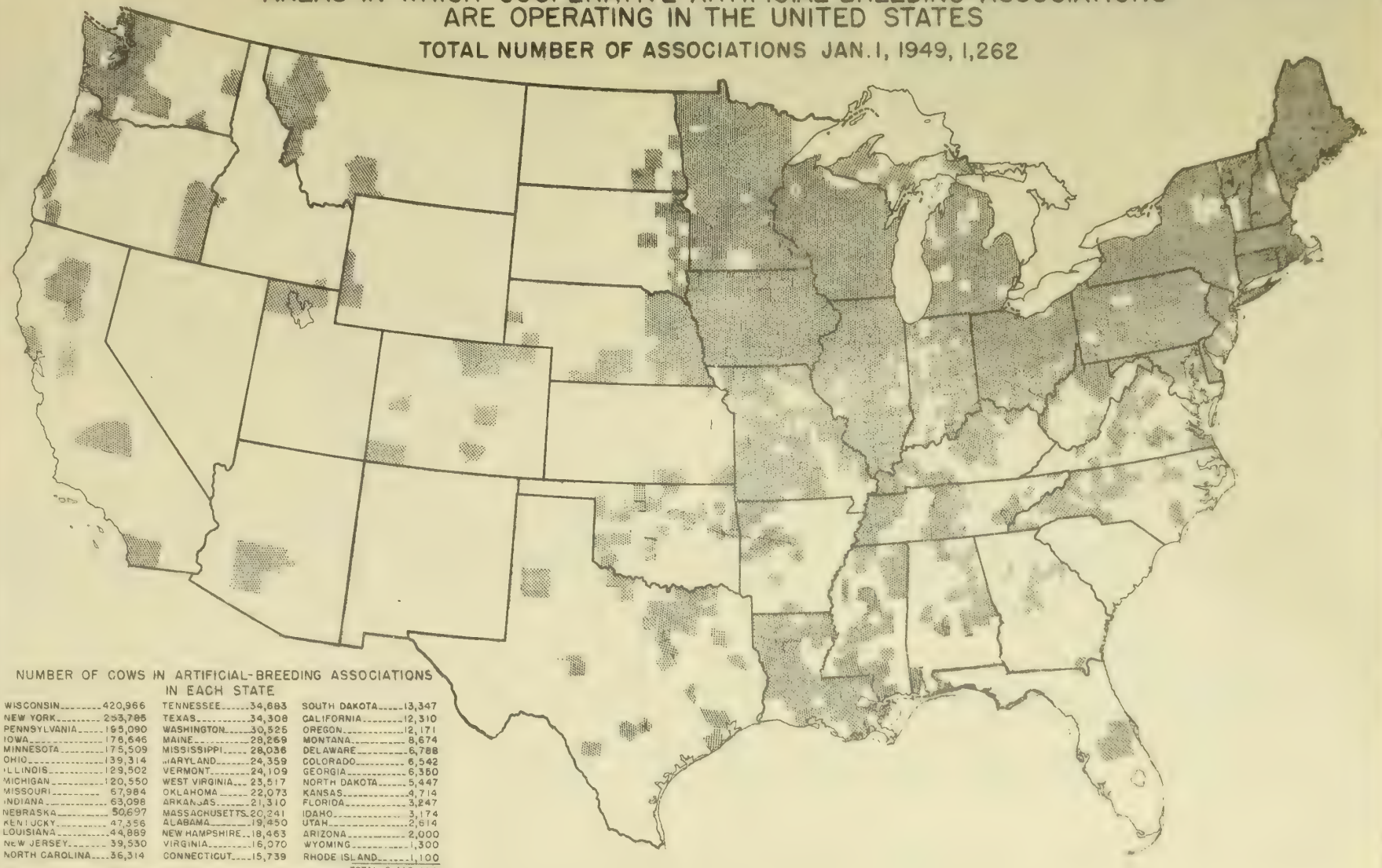
ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1949

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	BH	NR	Total	Registered	Total	Bred (1948)
WISCONSIN (continued)												
Wis.Scientific Breeding Inst. Bull Stud		--	7	17	13	--	--	--	37			
Barron	676								(2)	20	2,025	2,009
Buffalo	457								(2)	100	5,000	4,550
Central Wis	643								(2)	300	6,000	4,669
Chippewa	580								(2)	1,344	4,480	3,339
Clark	1,214								(2)	----	9,000	9,007
Douglas	400								(2)	90	3,000	2,940
Dunn	683								(2)	205	6,830	4,032
Eau Claire	517								(2)	200	4,000	2,697
Grant	204								(2)	36	1,800	1,845
Green	577								(2)	400	4,000	3,389
Iowa	345								(2)	77	3,842	3,842
LaFayette	445								(2)	40	4,000	4,009
Rock	830								(2)	1,230	8,200	7,216
Rusk	668								(2)	197	4,933	4,803
St. Croix	853								(2)	190	9,500	6,093
Southeastern Wis	1,228								(2)	2,026	13,508	9,483
Washburn	445								(2)	140	3,500	2,986
Waukesha	1,245								(2)	675	13,500	11,890
Western Bayfield	148								(2)	33	1,300	979
Total	41,377	1	16	80	88	9	--	4	198	26,588	420,966	312,808
WYOMING (1)												
Star Valley	90								(3)	50	1,300	43
UNITED STATES (1,263)	316,177	64	428	598	689	74	69	18	1,940	285,858	2,412,160	1,713,581

1/ See footnote (1) page 5.
2/ Buys semen from Wisconsin Scientific Breeding Institute.
3/ Buys semen from Cache Valley ABA (Utah).

AREAS IN WHICH COOPERATIVE ARTIFICIAL-BREEDING ASSOCIATIONS ARE OPERATING IN THE UNITED STATES

TOTAL NUMBER OF ASSOCIATIONS JAN. 1, 1949, 1,262



NUMBER OF COWS IN ARTIFICIAL-BREEDING ASSOCIATIONS IN EACH STATE

WISCONSIN	420,966	TENNESSEE	34,683	SOUTH DAKOTA	13,347
NEW YORK	253,785	TEXAS	34,308	CALIFORNIA	12,310
PENNSYLVANIA	155,090	WASHINGTON	30,525	OREGON	12,171
IOWA	176,646	MAINE	28,269	MONTANA	8,674
MINNESOTA	175,509	MISSISSIPPI	28,036	DELAWARE	6,788
OHIO	139,314	MARYLAND	24,359	COLORADO	6,542
ILLINOIS	129,502	VERMONT	24,109	GEORGIA	6,350
MICHIGAN	120,550	WEST VIRGINIA	23,517	NORTH DAKOTA	5,447
MISSOURI	67,984	OKLAHOMA	22,073	KANSAS	4,714
INDIANA	63,098	ARKANSAS	21,310	FLORIDA	3,247
NEBRASKA	50,697	MASSACHUSETTS	20,241	IDAHO	3,174
KENTUCKY	47,356	ALABAMA	19,450	UTAH	2,614
LOUISIANA	44,889	NEW HAMPSHIRE	18,463	ARIZONA	2,000
NEW JERSEY	39,530	VIRGINIA	16,070	WYOMING	1,300
NORTH CAROLINA	36,314	CONNECTICUT	15,739	RHODE ISLAND	1,100
				TOTAL	2,412,160

NUMBER OF ASSOCIATIONS-1,263

OFFICIALS IN CHARGE OF DAIRY-BREEDING ASSOCIATIONS IN THE STATES

Ala------ J. R. Parrish, Ext. Service, School of Agr., Auburn.
Ariz----- W. R. Van Sant, Ext. Service, College of Agr., Tucson.
Ark------ A. Leon Holly, Ext. Dairyman, College of Agr., Fayetteville.
Calif---- G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
Colo----- H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
Conn----- Wm. R. Walker, Ext. Service, College of Agr., Storrs.
Del------ D. J. Young, Ext. Service, University of Delaware, Newark.
Fla------ C. W. Reaves, Ext. Service, College of Agr., Gainesville.
Ga------- Bruce Hamilton, Ext. Service, College of Agr., Athens.
Hawaii--- Harvey M. Vollrath, Spec. in An. Husb., Univ. of Hawaii,P.O.Box 18, Honolulu 10.
Idaho---- G. C. Anderson, Ext. Division, College of Agr., Boise.
Ill------ C. S. Rhode, Ext. Service, College of Agr., Urbana.
Ind------ G. A. Williams, Dept. of Agr. Ext., Purdue University, Lafayette.
Iowa----- Floyd Arnold, Ext. Service, Iowa State College of Agr., Ames.
Kans----- J. W. Linn, Ext. Division, Kansas State College, Manhattan.
Ky-- ---- J. W. Foster, Ext. Dairyman, College of Agr., Lexington 29.
La------- E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
Maine---- Ralph Corbett, Ext. Service, College of Agr., Orono.
Md------- J. W. Pou, Ext. Service, University of Maryland, College Park.
Mass----- Stanley N. Gaunt, Ext. Service, Massachusetts State College, Amherst.
Mich----- A. C. Baltzer, Ext. Division, Mich. State College of Agr., East Lansing.
Minn----- H. R. Searles, Div. of Agr., University Farm, St. Paul 1.
Miss----- L. A. Higgins, Ext. Service, Mississippi State College, State College.
Mo------- M. J. Regan, Agr. Ext. Service, College of Agr., Columbia.
Mont----- J. O. Tretsven, Ext. Service, Montana State College, Bozeman.
Nebr----- M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
Nev------ V. E. Scott, Agr. Ext., College of Agr., Reno.
N. H----- Hilton Boynton, Ext. Service, College of Agr., Durham.
N. J----- E. J. Perry, Ext. Service, State College of Agr., New Brunswick,
N. Mex--- E. E. Anderson, Ext. Service, N. Mex. College of Agr., State College.
N. Y----- Raymond Albrectsen, Ext. Service, N.Y. State College of Agr., Ithaca.
N. C----- J. A. Arey, Ext. Service, N.C. State College of Agr., State College Station, Raleigh.
N. Dak--- Clarence Olson, Agr. Ext., N. Dak. Agr. College, State College Station, Fargo.
Ohio----- C. D. McGrew, Agr. Ext., College of Agr., Columbus 10.
Okla----- L. H. Stinnett, Ext. Division, Oklahoma A & M College, Stillwater.
Oreg----- H. P. Ewalt, Federal Coop. Ext., Oregon State College, Corvallis.
Pa------- Clyde N. Hall, Agr. Ext., School of Agr., State College.
P. R----- C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R. I----- John W. Atwood, Ext. Service, Rhode Island State College, Kingston.
S. C----- C. G. Cushman, Ext. Service, Clemson Agr. College, Clemson.
S. Dak--- R. A. Cave, Ext. Service, S. Dak. State College of Agr., Brookings.
Tenn----- C. A. Hutton, Ext. Dairyman, P.O. Box 1071, Knoxville.
Tex------ G. G. Gibson, Ext. Service, A & M College of Texas, College Station.
Utah----- L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
Vt------- W. P. Leamy, Ext. Service, College of Agr., Burlington.
Va------- G. C. Graf, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
Wash----- M. B. Nichols, Ext. Service, State College of Washington, Pullman.
W. Va---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
Wis------ Geo. M. Werner, Ext. Dairyman, Room 209 King Hall, Madison 6.
Wyo------ Ivan W. Loughary, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN FEBRUARY 1949

Following is a list of 259 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in February 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST NEW WORLD 68411----------	6 daughters--	10	9,584	4.1	388
Born, 11-27-40; proved, 2-17-49;----; Ohio.	5 daughters--	8	9,788	4.1	404
Sire, 59661; dam, 164130.	5 dams-------	16	8,064	4.0	325
Herd Owner, Brooklea Farm, Hilliards.	Difference---	(3-3-4)	+1,724	+.1	+79
BAKER FARM GENERAL FLICKER 69375----------	5 daughters--	6	6,354	3.9	248
Born, 2-25-42; proved, 2-17-49;----; Vt.	5 dams-------	14	8,673	3.9	342
Sire, 53833; dam, 199080.	Difference---	(0-1-0)	-2,319	.0	-94
Herd Owner, A. S. Pratt & Son, Vergennes.					
BRYNDUNE BELWIN 66735----------	5 daughters--	6	10,020	4.0	399
Born, 10-4-40; proved, 2-21-49;----; Oreg.	5 dams-------	13	9,856	3.7	369
Sire, 56325; dam, 153706.	Difference---	(4-4-4)	+164	+.3	+30
Herd Owner, Dana-Ayr. Farms, Boardman.					
CAVALIER'S STAND ASIDE 71982----------	6 daughters--	8	10,064	4.0	407
Born, 1-4-42; proved, 2-2-49;----; Kans.	6 dams-------	19	8,279	3.9	325
Sire, 58641; dam, 207563.	Difference---	(5-5-6)	+1,785	+.1	+82
Herd Owner, Prairie Acres Farm, Lancaster.					
CHARLIE OF KIMBALL FARM 67550----------	9 daughters--	11	7,811	4.2	331
Born, 3-23-41; proved, 2-21-49;----; Mass.	8 daughters--	9	7,872	4.2	327
Sire, 54463; dam, 161842.	8 dams-------	21	8,801	3.9	341
Herd Owner, Rocky Knoll Farm, North Andover.	Difference---	(3-8-3)	-929	+.3	-14
COLD STREAM O'IRISHMAN 70265----------	6 daughters--	8	8,903	4.1	364
Born, 1-4-42; proved, 2-7-49; dead; Ohio.	5 daughters--	6	8,881	4.1	366
Sire, 52949; dam, 184867.	5 dams-------	8	7,267	4.0	290
Herd Owner, Prize Acres Farms, Norwalk.	Difference---	(3-5-3)	+1,614	+.1	+76
CRAIGHURST PRESTON 74273----------	5 daughters--	5	9,562	4.0	380
Born, 9-24-41; proved, 2-2-49;----; N. Y.	5 dams-------	20	9,851	4.1	401
Sire, 47707; dam, 236255.	Difference---	(2-2-2)	-289	-.1	-21
Herd Owner, Daniel A. Craig, Rome.					
ELMKNOWL GENERAL DOUGLAS 67479----------	10 daughters-	14	9,669	4.1	394
Born, 10-17-40; proved, 2-7-49; alive; R. I.	7 daughters--	7	9,767	4.1	402
Sire, 57746; dam, 157887.	7 dams-------	23	9,085	4.0	364
Used in Rhode Island Co-op. A. B. A., Inc.	Difference---	(4-5-5)	+682	+.1	+38
FILLMORE NELSON 75246----------	6 daughters--	6	10,300	4.2	427
Born, 4-12-42; proved, 2-7-49;----; Md.	5 daughters--	5	10,408	4.2	434
Sire, 58732; dam, 164373.	5 dams-------	16	8,413	4.0	334
Herd Owner, Mt. Felix Farm, Havre de Grace.	Difference---	(5-4-5)	+1,995	+.2	+100
GOOD ACRES TRIUMPHANT 72906----------	12 daughters-	12	11,914	4.3	518
Born, 2-10-43; proved, 2-14-49; alive; Ohio.	11 daughters-	11	11,928	4.4	519
Sire, 35622; dam, 220707.	11 dams------	41	9,117	4.2	387
Used in Central Ohio Co-op. A. B. A.	Difference---	(10-8-10)	+2,811	+.2	+132
LEITCHCROFT GOLDEN CHANCE, IMP. 70493----------	10 daughters-	18	7,235	4.2	304
Born, 11-15-38; proved, 2-16-49;----; Ohio.	5 daughters--	8	8,076	4.1	334
Sire, 66723; dam, 263129.	5 dams-------	16	9,046	3.9	357
Herd Owner, Lakeview Ayrshire Farms, Lakeview.	Difference---	(2-5-2)	-970	+.2	-23
LETO'S ALLSPICE 74221----------	7 daughters--	8	9,742	4.6	447
Born, 1-23-43; proved, 2-3-49; dead; W. Va.	7 dams-------	12	8,216	4.4	359
Sire, 61872; dam, 170304.	Difference---	(5-6-6)	+1,526	+.2	+88
Herd Owner, Reymann Memorial Farms, Morgantown.					
MASKA MABS DAIRYMAN, IMP. 68188 *12----------	10 daughters-	15	9,617	4.2	404
Born, 11-29-40; proved, 2-3-49; dead; Mass.	10 dams------	58	10,668	4.0	423
Sire, 65299; dam, 248638.	Difference---	(3-8-4)	-1,051	+.2	-19
Used in Massachusetts A. B. A., Inc.					
PENSHURST MAN O'WAR 30TH 51943 *11----------	34 daughters-	91	9,389	4.2	396
Born, 9-3-35; proved, 2-28-49;----; Pa.	29 daughters-	80	9,482	4.3	403
Sire, 43060; dam, 106640.	29 dams------	84	8,360	4.1	343
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(23-21-23)	+1,122	+.2	+60

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
POPPY'S GRAY DELIGHT 68921 *12	22 daughters-	39	8,026	4.0	317
Born, 9-14-40; proved, 2-3-49; dead; Md.	21 daughters-	38	7,981	3.9	315
Sire, 49137; dam, 182775.	21 dams------	66	8,193	4.1	335
Herd Owner, Gilbert J. Perry, Baltimore.	Difference---	(9-6-6)	-212	-.2	-20
ROSELAWN MAGNET WARRIOR 65863 *(Mar. 1948)	19 daughters-	40	9,023	4.1	370
Born, 5-6-40; proved, 2-14-49; alive; Pa.	18 daughters-	39	8,964	4.1	367
Sire, 50792; dam, 105921.	18 dams------	68	9,835	4.1	398
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(4-10-5)	-871	.0	-31
STONE HOUSE SUN HIGH 70229	9 daughters--	12	6,844	4.2	287
Born, 10-27-41; proved, 2-17-49;----; N. J.	6 daughters--	8	6,658	4.2	277
Sire, 62150; dam, 195120.	6 dams-------	8	8,368	3.8	320
Herd Owner, Russell Croshaw, Wrightstown.	Difference---	(1-5-2)	-1,710	+.4	-43
WHITPAIN SUNNY LADGWYN 57766 *9	27 daughters-	57	8,937	4.2	372
Born, 10-25-37; proved, 2-28-49; alive; Wis.	27 dams------	139	9,406	4.1	383
Sire, 44209; dam, 120416.	Difference---	(10-18-11)	-469	+.1	-11
Used in Central Ohio Co-op. A. B. A., Ohio.					

BROWN SWISS SIRES

CAPTAIN OF ROYAL'S BEAUTY BELL 50482 *(Mar. 1948)	11 daughters-	20	9,894	4.3	427
Born, 3-25-41; proved, 2-28-49; alive; Kans.	11 dams------	42	9,433	4.2	396
Sire, 41252; dam, 70876.	Difference---	(7-7-8)	+461	+.1	+31
Used in Dairy Genetics, Inc., Iowa. (A. B. A.).					
ELLEN'S PRINCE OF MEADOW GREEN 46931 *(Feb. 1948)	15 daughters-	23	9,233	4.2	389
Born, 1-4-40; proved, 2-2-49;----; Wis.	13 daughters-	21	8,868	4.2	372
Sire, 26749; dam, 55024.	13 dams------	51	10,343	4.1	426
Herd Owner, Mrs. Edna Schmid, Monroe.	Difference---	(3-10-3)	-1,475	+.1	-54
OHIO MAURICE GEM 49411	5 daughters--	8	11,819	4.1	479
Born, 12-19-40; proved, 2-10-49; alive; Ohio.	5 dams-------	22	12,541	4.1	519
Sire, 34882; dam, 59489.	Difference---	(2-1-2)	-722	.0	-40
Used in Central Ohio Co-op. A. B. A.					

GUERNSEY SIRES

ADELMER'S SARGON CLASSIC 267263	15 daughters-	30	8,336	5.2	434
Born, 12-11-38; proved, 2-7-49;----; Ill.	10 daughters-	19	8,096	5.4	439
Sire, 211402; dam, 298967.	10 dams------	27	8,797	5.0	439
Herd Owner, Heidenreich Brothers, Woodbine.	Difference---	(2-8-5)	-701	+.4	0
ALCLUYD PEERLESS ALERT 277296	11 daughters-	27	9,670	4.8	466
Born, 6-19-39; proved, 2-7-49;----; Pa.	6 daughters--	16	9,253	4.9	455
Sire, 259702; dam, 514549.	6 dams-------	31	8,546	5.1	438
Herd Owner, Woodfields Farm, Wycombe.	Difference---	(5-2-5)	+707	-.2	+17
ANTIETAM GYPSY COUNT 301945	9 daughters--	13	10,359	4.8	498
Born, 8-24-40; proved, 2-10-49;----; Pa.	7 daughters--	11	10,212	4.8	489
Sire, 231275; dam, 397595.	7 dams-------	38	9,136	4.9	444
Herd Owner, Sterling Farm, Alderson.	Difference---	(6-5-6)	+1,076	-.1	+45
BAYVILLE CHAMPION'S NEW GLORY 273719	41 daughters-	74	8,495	4.7	397
Born, 1-10-39; proved, 2-28-49;----; Va.	34 daughters-	62	8,678	4.7	407
Sire, 136679; dam, 242137.	34 dams------	73	7,503	4.7	354
Herd Owner, T. K. McKee & Son, Chilhowie.	Difference---	(26-15-27)	+1,175	.0	+53
BESSIE'S BUOY OF EAGLE POINT 285543 *12	17 daughters-	29	6,681	5.2	344
Born, 1-8-40; proved, 2-3-49;----; Wis.	17 dams------	68	7,217	4.9	355
Sire, 218378; dam, 505443.	Difference---	(5-14-8)	-536	+.3	-11
Herd Owner, Emil Mayer & Son, Bruce.					
BETHANY FAVOR'S CLOVELLY 308555 *12	12 daughters-	18	9,055	4.7	428
Born, 8-6-41; proved, 2-24-49;----; Iowa.	11 daughters-	17	8,945	4.8	428
Sire, 247154; dam, 346846.	11 dams------	66	8,479	5.0	427
Herd Owner, Mrs. John D. Gosch, Bigelow, Minn.	Difference---	(8-3-6)	+466	-.2	+1
BETTY'S GOLDEN PROGRESS 301578 *12	15 daughters-	22	8,779	4.6	407
Born, 12-24-40; proved, 2-16-49; dead; Pa.	15 dams------	58	10,721	4.7	505
Sire, 267492; dam, 264729.	Difference---	(1-8-1)	-1,942	-.1	-98
Herd Owner, Bailey Walker, Sandy Lake.					
BILLIE LEE'S MASTERFUL PETER 290466	9 daughters--	17	6,704	5.5	367
Born, 5-1-39; proved, 2-10-49;----; Pa.	9 dams-------	49	6,529	5.2	336
Sire, 219865; dam, 382483.	Difference---	(5-8-6)	+175	+.3	+31
Herd Owner, Meade A. Buhite, Reynoldsville.					

GUERNSEY SIRES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Number	Number	[illegible]	[illegible]	[illegible]
BOULDER BRIDGE DISTINCTION 26[illegible]	16 daughters-	[illegible]	7,[illegible]	[illegible]	[illegible]
Born, 10-31-37; proved, 2-23-49;----; Ill.	16 dams-	[illegible]	8,851	4.6	410
Sire, 21[illegible]36; dam, 101481.	Difference---	(4-5-4)	-1,002	-.2	[illegible]
Herd Owner, Mar Hawk Farm, Batavia.					
BOULDER BRIDGE NOCELFAN 21[illegible]	11 daughters-	16	[illegible]	[illegible]	407
Born, 2-27-38; proved, 2-24-49;----; Minn.	7 daughters-	9	8,220	[illegible]	426
Sire, 192481; dam, 199173.	7 dams-------	12	8,209	4.8	396
Used in Villard Co-op. A. B. A.	Difference---	(3-6-4)	+11	+.4	+30
BRINWOOD'S ADMIRAL AJAX 302748 *12----------	9 daughters-	21	6,868	[illegible]	310
Born, 5-27-40; proved, 2-16-49; dead; Iowa.	8 daughters-	[illegible]	7,006	[illegible]	318
Sire, 242451; dam, 437503.	8 dams-------	16	6,712	4.8	322
Herd Owner, W. L. Brintnall, Marshalltown.	Difference---	(6-3-4)	+294	-.3	-4
BURTON LANE'S SARGON HEROIC 335156----------	9 daughters--	9	9,190	4.7	432
Born, 4-26-43; proved, 2-8-49; alive; Minn.	9 dams-------	35	8,489	4.6	387
Sire, 211402; dam, 615311.	Difference---	(4-7-7)	+701	+.1	+45
Herd Owner, Elmer J. Wirt, Lewiston.					
CAUMSETT FOREMAN 274566----------	13 daughters-	27	8,919	4.5	401
Born, 12-31-38; proved, 2-17-49;----; Pa.	9 daughters--	18	8,797	4.5	395
Sire, 204888; dam, 338637.	9 dams-------	23	9,272	4.5	413
Herd Owner, Edward C. Riley, Lumberville.	Difference---	(5-4-3)	-475	.0	-18
CESOR PENWYN'S MEMOIR 307710----------	6 daughters--	7	7,131	4.6	327
Born, 7-12-41; proved, 2-21-49;----; Wis.	5 daughters--	6	7,247	4.5	328
Sire, 254831; dam, 387141.	5 dams-------	18	8,271	4.8	400
Herd Owner, John E. Johnson, Brandon.	Difference---	(3-1-1)	-1,024	-.3	-72
CHUCKANUT LYNWOOD 291480 *11----------	15 daughters-	30	9,287	5.0	466
Born, 4-23-40; proved, 2-16-49;----; Wash.	14 daughters-	28	9,416	5.0	471
Sire, 251892; dam, 532273.	14 dams------	52	8,004	5.2	418
Herd Owner, Boynton Dodge & Sons, Ellensburg.	Difference---	(11-4-11)	+1,412	-.2	+53
CLARA'S BUTTERFAT 218621----------	18 daughters-	27	8,133	4.5	365
Born, 3-28-34; proved, 2-2-49; dead; N. J.	6 daughters--	10	8,113	4.6	370
Sire, 138488; dam, 160768.	6 dams-------	7	6,802	4.8	329
Herd Owner, Robert J. Flood, Monmouth Junction.	Difference---	(5-1-5)	+1,311	-.2	+41
CLOVERLEAF SKAGIT PRINCE 313889----------	10 daughters-	14	9,496	4.7	451
Born, 7-22-41; proved, 2-16-49; alive; Wash.	10 dams------	31	8,756	4.7	413
Sire, 274784; dam, 552734.	Difference---	(8-7-8)	+740	.0	+38
Used in Northwest Co-op. A. B. A.					
COLDSPRING'S HARDWICK'S ROYAL 249227----------	25 daughters-	44	8,780	4.9	430
Born, 12-29-36; proved, 2-25-49;----; Pa.	16 daughters-	23	8,323	4.8	400
Sire, 207097; dam, 289730.	16 dams------	83	8,149	4.9	402
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(9-8-9)	+174	-.1	-2
COLDSPRING'S ROMULUS ADVOCATE 270694----------	10 daughters-	17	6,804	4.8	324
Born, 12-15-38; proved, 2-23-49;----; Pa.	7 daughters--	10	6,129	5.0	305
Sire, 227598; dam, 505988.	7 dams-------	23	6,357	5.1	322
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(3-3-2)	-228	-.1	-17
COLLINBRUNE'S LADY'S NOBLE 303712 *11----------	7 daughters--	15	7,196	5.8	415
Born, 6-20-36; proved, 2-10-49;----; Pa.	7 dams-------	31	6,920	5.3	364
Sire, 201693; dam, 329726.	Difference---	(3-7-6)	+276	+.5	+51
Herd Owner, C. A. & David C. Wagner, New Bethlehem.					
EDGEWOOD STANDARD 247017----------	7 daughters--	10	7,152	4.8	346
Born, 2-16-37; proved, 2-23-49; dead; N. H.	5 daughters--	8	7,190	4.9	355
Sire, 205109; dam, 388880.	5 dams-------	7	8,042	4.7	381
Used in Connecticut A. B. A., Inc., Conn.	Difference---	(1-5-2)	-852	+.2	-26
FLYING HILL ROYAL PRIZE 293536 *(Sept. 1948)----------	25 daughters-	37	7,995	4.5	362
Born, 1-1-40; proved, 2-17-49;----; Mo.	22 daughters-	32	8,090	4.5	366
Sire, 223074; dam, 441495.	22 dams------	50	6,415	4.7	304
Herd Owner, Walter J. Schmitt, Springfield.	Difference---	(16-9-15)	+1,675	-.2	+62
FRANCHESTER RELIANCE 201806 *7----------	26 daughters-	41	8,770	4.8	419
Born, 3-19-32; proved, 2-2-49; dead; Ohio.	13 daughters-	21	9,309	4.8	443
Sire, 172787; dam, 310647.	13 dams------	37	7,564	4.8	360
Herd Owner, F. J. Giessler, Convoy.	Difference---	(11-10-11)	+1,745	.0	+83
FRITZLYN FAITHFUL GENIUS 286168 *12----------	20 daughters-	35	8,936	5.0	449
Born, 3-31-40; proved, 2-14-49; alive; Iowa.	19 daughters-	34	8,987	5.0	453
Sire, 200897; dam, 365434.	19 dams------	77	9,021	4.9	439
Herd Owner, A. J. Hempeler & Son, Garnavillo.	Difference---	(10-15-14)	-34	+.1	+14
FRITZLYN JUPITER ROMERT 297218 *12----------	10 daughters-	21	6,159	5.2	319
Born, 1-23-41; proved, 2-8-49; dead; Pa.	10 dams------	54	8,009	5.0	396
Sire, 185818; dam, 341531.	Difference---	(0-7-0)	-1,850	+.2	-77
Herd Owner, W. Paul Mummert, Chambersburg.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
GOLDEN ARROW MOUNTAIN RAIDER 268192	5 daughters	8	9,120	4.9	450
Born, 5-27-38; proved, 2-24-49;----; Ind.	5 dams	7	8,258	5.0	415
Sire, 229377; dam, 511315.	Difference	(4-2-3)	+862	-.1	+35
Herd Owner, Guy Shoemaker & Paul Brehm, Berne.					
GOLD KING OF MERCER 287332 *(Mar. 1948)	10 daughters	15	7,794	4.8	376
Born, 5-14-40; proved, 2-14-49; dead; N. J.	9 daughters	14	7,556	4.9	373
Sire, 207483; dam, 528720.	9 dams	40	7,955	4.7	377
Herd Owner, H. S. Baker & Son, Pennington.	Difference	(3-7-3)	-399	+.2	-4
GRAPELAWN VIRGINIAN 306859	34 daughters	57	8,273	4.6	378
Born, 6-20-39; proved, 2-10-49; alive; Va.	23 daughters	40	8,174	4.7	380
Sire, 259252; dam, 373069.	23 dams	36	7,953	4.6	363
Herd Owner, Philip W. Murray, Morrison.	Difference	(12-15-13)	+221	+.1	+17
GREEN MEADS MERRY SHEIK 274945	7 daughters	13	7,638	4.8	369
Born, 9-5-38; proved, 2-16-49; dead; Minn.	6 daughters	12	7,398	4.8	358
Sire, 216866; dam, 553477.	6 dams	21	6,934	4.5	311
Herd Owner, Clinton J. Law, Mankato.	Difference	(3-5-3)	+464	+.3	+47
HARDWICK RAIDER OF W. V. 294021 *(Oct. 1948)	9 daughters	15	5,430	4.9	263
Born, 6-3-40; proved, 2-2-49; dead; W. Va.	9 dams	29	6,527	4.9	319
Sire, 245487; dam, 350080.	Difference	(1-5-1)	-1,097	.0	-56
Herd Owner, William H. Hutchison & Son, West Alexander, Pa.					
HILLTOP BUTTERFAT MARVEL 274127	10 daughters	14	9,354	4.6	426
Born, 12-30-38; proved, 2-17-49;----; N. J.	5 daughters	8	9,361	4.6	432
Sire, 240324; dam, 510082.	5 dams	6	8,844	4.7	417
Used in Morris Co. Co-op. A. B. A., Inc.	Difference	(2-2-2)	+517	-.1	+15
JUDY'S KING OF HILLSIDE 278480	9 daughters	13	7,164	4.7	336
Born, 7-15-39; proved, 2-3-49;----; Pa.	8 daughters	12	7,357	4.7	343
Sire, 233700; dam, 532577.	8 dams	31	7,801	4.7	365
Herd Owner, Galen Sollenberger, Roaring Spring.	Difference	(5-4-3)	-444	.0	-22
LOCKSHORE NOBLEMAN 212052	9 daughters	16	9,275	5.0	459
Born, 5-24-33; proved, 2-10-49;----; Wis.	6 daughters	12	8,922	5.0	446
Sire, 182940; dam, 266975.	6 dams	18	8,491	4.8	407
Herd Owner, William H. Basse, Waukesha.	Difference	(4-4-5)	+431	+.2	+39
LUXERIN TEMPLAR 277804	10 daughters	12	8,839	5.3	451
Born, 1-12-39; proved, 2-21-49;----; Wis.	6 daughters	7	7,574	5.4	406
Sire, 209211; dam, 380751.	6 dams	20	6,315	5.2	329
Herd Owner, Atlasta Farm, Menomonie.	Difference	(5-3-5)	+1,259	+.2	+77
MANOR CAVALIER 292335 *10	16 daughters	34	7,348	4.9	360
Born, 3-18-38; proved, 2-3-49; dead; Md.	12 daughters	21	7,367	4.9	358
Sire, 174190; dam, 470548.	12 dams	42	8,484	4.9	419
Herd Owner, Doughoregan Manor, Ellicott City.	Difference	(4-7-2)	-1,117	.0	-61
MAPLE LANE CLOVER'S STEADFAST 288894 *12	23 daughters	40	7,800	4.9	378
Born, 1-24-40; proved, 2-3-49; alive; Pa.	10 daughters	16	7,914	4.9	389
Sire, 234081; dam, 505746.	10 dams	25	7,957	4.4	348
Used in West Virginia Co-op. A. B. A., W. Va.	Difference	(4-10-6)	-43	+.5	+41
MAYWICK FASHION 267200 *12	16 daughters	37	7,664	5.1	394
Born, 9-29-38; proved, 2-25-49;----; Pa.	13 daughters	29	7,566	5.2	390
Sire, 217857; dam, 259951.	13 dams	44	8,024	5.2	414
Used in First Pennsylvania Co-op. A. B. A.	Difference	(5-5-6)	-458	.0	-24
MCDONALD FARMS FRANK 299997 *12	22 daughters	39	7,420	4.8	357
Born, 8-31-40; proved, 2-25-49; dead; Vt.	21 daughters	38	7,473	4.8	360
Sire, 233983; dam, 401594.	21 dams	97	8,119	4.7	385
Herd Owner, Albert D. Mills, Florence.	Difference	(7-14-7)	-646	+.1	-25
MOUGHON JUDGE JADE 284485	7 daughters	8	8,288	4.7	387
Born, 10-26-39; proved, 2-17-49;----; Va.	7 dams	40	10,136	4.4	449
Sire, 223278; dam, 434888.	Difference	(1-5-2)	-1,848	+.3	-62
Herd Owner, J. R. Clemens Estate, Leesburg.					
MT. ARARAT'S SIR LUCKY 299684	32 daughters	43	8,834	4.9	434
Born, 4-27-40; proved, 2-8-49;----; Va.	12 daughters	16	9,176	4.8	442
Sire, 234081; dam, 495986.	12 dams	22	8,528	4.8	407
Herd Owner, Daniel C. Sands, Middleburg.	Difference	(6-5-6)	+648	.0	+35
MULHOCAWAY BUTTERFAT MARIUS 285395 *11	18 daughters	38	8,394	4.5	375
Born, 2-27-40; proved, 2-10-49;----; Wis.	17 daughters	36	8,341	4.5	374
Sire, 192472; dam, 480352.	17 dams	75	8,198	4.8	392
Herd Owner, David Owen, Mukwonago.	Difference	(9-4-7)	+143	-.3	-18
NORMANDY KING PREMIER 291657 *12	11 daughters	21	8,098	5.1	416
Born, 12-28-39; proved, 2-15-49; dead; Ind.	8 daughters	13	7,939	5.1	405
Sire, 238549; dam, 477991.	8 dams	35	8,971	4.7	418
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference	(3-7-4)	-1,032	+.4	-13

GUERNSEY SIRES					
OAK PARK'S PAL 3[illegible]----------	[illegible] daughters--	9	9,411	[illegible]	[illegible]
Born, 8-3[illegible]-40; proved, 2-2-49; alive; Oreg.	[illegible] daughters--	5	9,222	[illegible]	[illegible]
Sire, 193855; dam, 533185.	[illegible] dams--------	6	[illegible]	[illegible]	[illegible]
Used in Oregon A. B. A.	Difference---	(0-4-2)	[illegible]	[illegible]	[illegible]
PETER OF ARARAT GUERNSEY FARM [illegible]1188 *12----------	16 daughters--	[illegible]	8,862	[illegible]	[illegible]
Born, 2-11-41; proved, 2-3-49;----; Vt.	16 dams------	80	9,403	4.7	[illegible]
Sire, 256234; dam, 372213.	Difference---	(8-11-11)	-[illegible]	+.3	[illegible]
Herd Owner, Richard F. Whitcomb, Springfield.					
PINE MANOR CONVOY 304383 *12----------	16 daughters-	24	7,471	4.9	368
Born, 11-13-40; proved, 2-21-49;----; Ind.	16 dams------	59	7,931	4.6	366
Sire, 241114; dam, 388416.	Difference---	(7-13-9)	-460	+.3	+2
Herd Owner, Peter B. Lehman, Decatur.					
PRINCE OF VIEWSITE FARM 290352 *12----------	14 daughters-	22	8,085	4.9	400
Born, 2-10-40; proved, 2-7-49;----; Md.	14 dams------	61	7,500	4.5	340
Sire, 221672; dam, 405224.	Difference---	(7-11-11)	+585	+.4	+60
Used in Maryland Co-op. A. B. A., Inc.					
QUAIL ROOST KING VALOR 296197 *12----------	20 daughters-	38	8,747	4.8	422
Born, 9-8-40; proved, 2-16-49;----; Va.	20 dams------	81	8,796	4.4	388
Sire, 215828; dam, 408689.	Difference---	(8-18-12)	-49	+.4	+34
Herd Owner, Beaver Dam Dairy, Buchanan.					
RAEMELTON KING OF TWIN PINES 294792----------	6 daughters--	9	10,223	4.5	465
Born, 6-19-39; proved, 2-15-49; dead; Ohio.	5 daughters--	8	10,076	4.4	448
Sire, 244893; dam, 413929.	5 dams-------	10	9,380	4.4	413
Used in Central Ohio Co-op. A. B. A.	Difference---	(2-4-5)	+696	.0	+35
REVILO VESTA'S VALOR 400071----------	10 daughters-	18	9,044	5.0	457
Born, 12-7-40; proved, 2-15-49; dead; Wash.	8 daughters--	13	8,896	5.0	448
Sire, 212793; dam, 555454.	8 dams-------	51	8,836	4.6	402
Herd Owner, W. H. Ogden, Mt. Vernon.	Difference---	(4-7-7)	+60	+.4	+46
ROMEO'S LANCASTER OF PRESTDALE 266532----------	6 daughters--	8	9,137	5.2	474
Born, 10-13-38; proved, 2-7-49;----; Utah.	5 daughters--	7	9,097	5.2	477
Sire, 199872; dam, 410404.	5 dams-------	18	9,232	4.9	456
Herd Owner, Clinton D. Robins, Eden.	Difference---	(4-4-4)	-135	+.3	+21
ROSEWALD IL DUCE SUPREME 289164 *(May 1948)----------	11 daughters-	15	8,028	5.2	419
Born, 2-15-40; proved, 2-14-49; alive; Md.	10 daughters-	14	7,945	5.3	419
Sire, 199242; dam, 424726.	10 dams------	39	8,087	5.0	403
Used in Maryland Co-op. A. B. A., Inc.	Difference---	(4-8-5)	-142	+.3	+16
ROYAL DAIRY KING 285344----------	10 daughters-	17	8,465	4.6	386
Born, 2-28-38; proved, 2-17-49; dead; N. J.	5 daughters--	7	8,338	4.6	384
Sire, 227267; dam, 304506.	5 dams-------	11	7,802	4.8	373
Herd Owner, J. C. Allen, Manasquan.	Difference---	(4-1-3)	+536	-.2	+11
SADIE'S CATHEDRAL SEQUEL 292904 *12----------	29 daughters-	53	8,540	4.6	392
Born, 3-31-40; proved, 2-3-49;----; Pa.	23 daughters-	40	8,280	4.6	384
Sire, 208449; dam, 267894.	23 dams------	90	7,049	4.6	325
Herd Owner, Herman P. Hege, Chambersburg.	Difference---	(16-10-18)	+1,231	.0	+59
SELECT'S ULTIVAN LAD 226928----------	19 daughters-	39	7,441	4.7	349
Born, 2-19-34; proved, 2-7-49;----; Wis.	7 daughters--	14	7,141	4.6	329
Sire, 181998; dam, 98811.	7 dams-------	24	6,601	5.2	341
Herd Owner, William Ross, Roberts.	Difference---	(3-1-3)	+540	-.6	-12
SPRING RIDGE DART'S LEADER 290557 *12----------	14 daughters-	23	6,886	4.5	307
Born, 2-9-40; proved, 2-16-49;----; Wis.	13 daughters-	20	6,876	4.5	308
Sire, 245207; dam, 437436.	13 dams------	42	7,562	4.7	355
Herd Owner, Carl Wichern, Baraboo.	Difference---	(4-5-2)	-686	-.2	-47
SUCKERBROOK'S SPARTAN 297679 *12----------	16 daughters-	18	7,309	5.2	379
Born, 1-29-40; proved, 2-28-49; dead; Mich.	15 daughters-	17	7,251	5.2	375
Sire, 209639; dam, 553534.	15 dams------	35	7,187	4.9	350
Herd Owner, Walter Wire & Son, Berrien Springs.	Difference---	(8-12-11)	+64	+.3	+25
TARBELL FARMS PEERLESS MAXIMUS 295390 *(Mar. 1948)----------	22 daughters-	44	8,861	4.6	406
Born, 10-17-40; proved, 2-28-49; dead; Pa.	17 daughters-	36	8,735	4.6	404
Sire, 214202; dam, 601899.	17 dams------	72	7,814	4.8	374
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(10-7-11)	+921	-.2	+30
THANE OF WILDWOOD 286942 *12----------	14 daughters-	33	8,073	5.0	407
Born, 1-25-40; proved, 2-17-49; dead; Vt.	13 daughters-	30	8,097	5.0	409
Sire, 221098; dam, 444033.	13 dams------	84	7,955	5.0	398
Herd Owner, Meadow View Farm, Newfane.	Difference---	(7-10-7)	+142	.0	+11
VALLEY PRIDE'S BARON 274783----------	7 daughters--	17	9,827	5.0	488
Born, 5-5-39; proved, 2-7-49;----; Wash.	6 daughters--	14	9,534	5.0	476
Sire, 219551; dam, 396329.	6 dams-------	14	8,037	4.9	392
Herd Owner, R. J. Bidstrup & Sons, Wapato.	Difference---	(5-5-5)	+1,497	+.1	+84

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
VALOR'S JOSIE'S MASHER 247308----------	7 daughters--	13	7,086	4.8	339
Born, 2-26-34; proved, 2-17-49; dead; Kans.	5 daughters--	9	7,131	4.9	347
Sire, 179868; dam, 263416.	5 dams-------	9	6,432	4.8	306
Herd Owner, W. L. Shultz & Son, Durham.	Difference---	(3-3-3)	+699	+.1	+41
WILLOWMERE VILLAIN 304017 *(Sept. 1948)----------	10 daughters-	15	6,175	5.1	315
Born, 2-4-41; proved, 2-15-49; dead; Va.	9 daughters--	14	6,155	5.0	311
Sire, 268511; dam, 542689.	9 dams-------	25	7,879	4.7	372
Herd Owner, Black Oak Farm, Purcellville.	Difference---	(1-7-2)	-1,724	+.3	-61
WISTAR'S MAY ROYAL 288459 *11----------	19 daughters-	33	8,410	5.0	418
Born, 6-15-40; proved, 2-16-49; alive; W. Va.	18 daughters-	32	8,500	4.9	419
Sire, 236556; dam, 468073.	18 dams------	65	9,568	4.9	470
Herd Owner, B. M. Davisson, Jane Lew.	Difference---	(7-10-8)	-1,068	.0	-51
WOODLAND ECHO STAR 255646----------	8 daughters--	13	5,878	5.2	303
Born, 12-31-36; proved, 2-3-49;----; Wis.	8 dams-------	28	7,231	4.6	335
Sire, 136262; dam, 333488.	Difference---	(1-8-2)	-1,353	+.6	-32
Herd Owner, Jens P. Hansen, Nye.					
23*AG73577 (BANGS OR TB EARTAG)----------	23 daughters-	70	5,943	4.7	278
Born, ----; proved, 2-2-49;----; Pa.	21 daughters-	62	5,956	4.6	277
Sire, ----; dam, ----.	21 dams------	64	6,598	4.4	293
Herd Owner, Steve Lalich & Philip Gregcevich, W. Hickory.	Difference---	(6-14-7)	-642	+.2	-16

HOLSTEIN SIRES

AAGGIE CANARY PIEBE 803502 *12----------	20 daughters-	35	11,614	3.5	406
Born, 1-15-40; proved, 2-21-49; dead; Ill.	16 daughters-	28	11,452	3.5	403
Sire, 723356; dam, 1748555.	16 dams------	52	12,382	3.4	419
Herd Owner, Louis H. Holm & Sons, Mokena.	Difference---	(6-11-6)	-930	+.1	-16
ADMIRAL BEECHWOOD PIEBE PRIDE 870368----------	7 daughters--	8	10,712	3.6	381
Born, 12-19-42; proved, 2-17-49;----; Wis.	6 daughters--	6	10,518	3.6	377
Sire, 758851; dam, 2081444.	6 dams-------	17	12,123	3.4	409
Herd Owner, Henry Binversie, Kiel.	Difference---	(0-5-0)	-1,605	+.2	-32
ADMIRAL ORMSBY SENSATION FOBES 845968 *12----------	22 daughters-	39	12,061	3.5	424
Born, 8-20-40; proved, 2-3-49;----; Pa.	22 dams------	87	12,484	3.6	447
Sire, 671272; dam, 1070197.	Difference---	(11-10-12)	-423	-.1	-23
Used in Nepa Co-op. A. B. A.					
AMES PRINCE 852299----------	9 daughters--	10	13,261	3.2	426
Born, 12-4-41; proved, 2-2-49;----; Iowa.	8 daughters--	9	14,122	3.2	453
Sire, 787204; dam, 2202197.	8 dams-------	24	13,296	3.4	450
Herd Owner, Iowa State College Dairy Farm, Ames.	Difference---	(5-2-4)	+826	-.2	+3
ANDY DOUBLE HERO 853215----------	6 daughters--	6	11,423	3.7	418
Born, 9-26-41; proved, 2-7-49;----; N. Y.	5 daughters--	5	11,777	3.6	427
Sire, 565375; dam, 2106109.	5 dams-------	6	13,468	3.1	423
Herd Owner, Wade Crist, Lakewood.	Difference---	(0-5-2)	-1,691	+.5	+4
BAKER FARM DUNLOGGIN 925443----------	8 daughters--	10	11,787	3.5	415
Born, 7-1-42; proved, 2-24-49;----; Minn.	5 daughters--	7	11,231	3.5	399
Sire, 780041; dam, 1731822.	5 dams-------	10	10,428	3.3	348
Herd Owner, Alfred H. Mills & Sons, Hutchinson.	Difference---	(3-4-4)	+803	+.2	+51
BEAVER OAKS SIR BESSIE TRIUMPH 842784----------	7 daughters--	12	10,739	3.6	382
Born, 1-3-42; proved, 2-28-49; dead; Minn.	7 dams-------	34	8,477	3.3	281
Sire, 771583; dam, 2073598.	Difference---	(7-7-7)	+2,262	+.3	+101
Herd Owner, William Ringhofer, Owatonna.					
BELLE CREST DEAN FOBES 799361 *(Mar. 1948)----------	19 daughters-	29	12,212	3.5	432
Born, 6-9-40; proved, 2-28-49;----; Pa.	15 daughters-	23	12,464	3.5	438
Sire, 769435; dam, 1809556.	15 dams------	59	11,579	3.5	404
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(12-9-12)	+885	.0	+34
BELLE CREST DEAN JACKSON 799359 *12----------	14 daughters-	28	12,082	3.6	438
Born, 4-18-40; proved, 2-21-49; dead; Pa.	13 daughters-	27	11,852	3.6	429
Sire, 769435; dam, 1804559.	13 dams------	44	12,502	3.6	456
Herd Owner, J. Clarence Garber, Lancaster.	Difference---	(3-6-4)	-650	.0	-27
BESSLYN SKYLARK ORMSBY FOBES 790366 *(Apr. 1948)----------	12 daughters-	15	10,039	3.8	385
Born, 12-22-39; proved, 2-28-49; alive; Wis.	12 dams------	22	9,297	3.6	334
Sire, 711381; dam, 1815765.	Difference---	(5-11-7)	+742	+.2	+51
Used in Eastern Iowa A. B. A., Inc. Iowa.					
BURKE FOBES ABBEKERK 833599 *12----------	15 daughters-	27	14,770	3.6	532
Born, 11-17-40; proved, 2-28-49;----; Pa.	15 dams------	39	12,368	3.4	416
Sire, 761977; dam, 2003121.	Difference---	(12-12-13)	+2,402	+.2	+116
Used in Nepa Co-op. A. B. A.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	[illegible]
	Number	Number	Pounds	Percent	Pounds
CALLAWAY MATADOR SEGIS FASCINATOR [illegible] *11----------	42 daughters-	80	12,444	[illegible]	[illegible]
Born, 11-1-37; proved, 2-9-49; dead; Mo.	39 daughters-	[illegible]	12,539	3.4	426
Sire, [illegible]; dam, [illegible]	[illegible] dams------	147	12,4[illegible]	3.3	416
Herd Owner, State Hospital #1, Fulton.	Difference---	(18-29-22)	[illegible]	+.1	+10
CARNATION HOMESTEAD MCKINLEY 87[illegible] (Aug. 1948)----------	15 daughters-	17	15,030	[illegible]	520
Born, 1-11-43; proved, 2-2-49; alive; Iowa.	15 dams------	[illegible]	15,019	3.5	[illegible]
Sire, 629472; dam, 1331665.	Difference---	(8-8-9)	+11	.0	-7
Used in Land O'Lakes A. B. A., Inc., Minn.					
CARNATION IMPERIAL ORMSBY MODEL 849723----------	6 daughters--	7	13,767	[illegible]	535
Born, 4-26-42; proved, 2-17-49;----; Wash.	6 dams-------	15	13,637	3.7	505
Sire, 698462; dam, 1935598.	Difference---	(4-5-4)	+130	+.2	[illegible]
Herd Owner, Sather Brothers, Silvana.					
CHERRY RIDGE CHAUNCEY 898621 *12----------	21 daughters-	35	12,998	3.6	462
Born, 9-28-40; proved, 2-28-49;----; Pa.	12 daughters-	21	13,155	3.6	468
Sire, 711100; dam, 1907288.	12 dams------	35	12,725	3.6	45[illegible]
Used in Nepa Co-op. A. B. A.	Difference---	(8-7-6)	+430	.0	+13
CHIEF PIEBE COUNT GERBEN COLAN HERO 763711 *(Mar. 1948)----	24 daughters-	46	10,070	3.6	361
Born, 10-30-37; proved, 2-4-49; alive; Va.	17 daughters-	32	10,167	3.6	365
Sire, 444088; dam, 1610797.	17 dams------	51	10,359	3.6	374
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(7-11-8)	-192	.0	-9
CHIEF PIEBE GERBEN COLANTHA JOLLY L 709890 *7----------	32 daughters-	104	12,641	3.4	427
Born, 10-3-34; proved, 2-9-49;----; Pa.	28 daughters-	94	12,282	3.4	412
Sire, 444088; dam, 1559607.	28 dams------	116	11,110	3.2	351
Herd Owner, Harrisburg State Hospital, Harrisburg.	Difference---	(20-24-24)	+1,172	+.2	+61
CHIEF PIEBE NITTANYVALE HERO 854391----------	7 daughters--	7	11,380	3.4	385
Born, 5-20-42; proved, 2-3-49;----; Pa.	7 dams-------	33	11,520	3.5	401
Sire, 746074; dam, 1619745.	Difference---	(4-6-3)	-140	-.1	-16
Herd Owner, Woodville State Hospital, Woodville.					
CHIEF PIEBE PRIDE GERBEN COLAN HERO 695150 *7----------	48 daughters-	143	10,628	3.4	356
Born, 8-8-33; proved, 2-8-49;----; Pa.	42 daughters-	126	10,184	3.3	339
Sire, 444088; dam, 1473665.	42 dams------	180	10,323	3.2	335
Herd Owner, Wernersville State Hospital, Wernersville.	Difference---	(15-29-16)	-139	+.1	+4
CHIEF PIEBE PRIDE GERBEN COLAN LAD 735077 *8----------	44 daughters-	119	8,780	3.5	303
Born, 2-26-36; proved, 2-9-49; dead; Pa.	36 daughters-	106	8,733	3.5	301
Sire, 444088; dam, 1363990.	36 dams------	156	10,160	3.4	346
Herd Owner, Wernersville State Hospital, Wernersville.	Difference---	(10-18-9)	-1,427	+.1	-45
CHIEFTAIN ABBEKERK PIEBE 843846----------	5 daughters--	6	14,505	3.5	506
Born, 12-19-41; proved, 2-28-49;----; Ill.	5 dams-------	14	12,285	3.2	392
Sire, 792389; dam, 2023259.	Difference---	(3-4-4)	+2,220	+.3	+114
Herd Owner, George Pfeiffer, Chebanse.					
CHIEFTAIN ONA WAYNE 832835----------	8 daughters--	11	10,343	3.4	351
Born, 10-18-41; proved, 2-24-49;----; Pa.	6 daughters--	8	9,637	3.5	333
Sire, 743113; dam, 1713239.	6 dams-------	14	11,679	3.4	399
Herd Owner, Rush Romich & Sons, Waymart.	Difference---	(1-4-2)	-2,042	+.1	-66
CHINOOK HEILO FRED 855665----------	7 daughters--	10	11,651	3.7	437
Born, 5-22-42; proved, 2-7-49;----; Wash.	5 daughters--	6	11,934	3.6	432
Sire, 759860; dam, 1922595.	5 dams-------	12	11,004	4.0	443
Herd Owner, Ward Crowley, Deer Park.	Difference---	(3-1-2)	+930	-.4	-11
CLOVERLANDS PRINCE ORMSBY 838460----------	10 daughters-	11	9,771	3.5	342
Born, 9-19-41; proved, 2-17-49;----; N. Y.	5 daughters--	5	9,329	3.5	323
Sire, 695538; dam, 1764260.	5 dams-------	6	11,602	3.6	414
Herd Owner, Ralph Lilly, Willsboro.	Difference---	(1-3-0)	-2,273	-.1	-91
CLOVER LAWN INKA SIR CRUSADER (TWIN) 843678----------	9 daughters--	13	13,446	[illegible]	449
Born, 1-12-42; proved, 2-24-49;----; Wis.	8 daughters--	11	13,356	3.4	449
Sire, 755247; dam, 1816747.	8 dams-------	20	11,574	3.4	388
Herd Owner, Colonial Dairy Farms, St. Nazianz.	Difference---	(5-4-6)	+1,782	.0	+61
CLYDE HILL MARATHON BESS SEVEN UP 2D 842432----------	8 daughters--	11	9,4[illegible]	3.8	354
Born, 12-28-41; proved, 2-25-49; dead; Kans.	5 daughters--	7	8,523	4.0	[illegible]
Sire, 792444; dam, 2070054.	5 dams-------	12	10,197	3.6	366
Herd Owner, Walden Brothers, Basehor.	Difference---	(1-5-2)	-1,674	+.4	-28
CLYDE HILL MERCEDES BESS BURKE LAD 2D 854109----------	6 daughters--	[illegible]	12,270	3.4	420
Born, 5-25-42; proved, 2-2-49;----; Kans.	6 dams-------	26	11,503	3.1	361
Sire, 799190; dam, 1834665.	Difference---	(4-6-5)	+767	+.3	+59
Herd Owner, John Schuler, Nortonville.					
COLFAX CARNATION MADCAP 819064 *12----------	15 daughters-	20	13,312	3.6	479
Born, 6-22-40; proved, 2-28-49; alive; Iowa.	15 dams------	48	11,214	3.6	409
Sire, 740309; dam, 1990865.	Difference---	(11-8-13)	+2,098	.0	+70
Used in Eastern Iowa A. B. A., Inc.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CORNELL BLEND MAJOR 821361----------	6 daughters--	10	12,301	4.0	495
Born, 11-[illegible]-40; proved, 2-[illegible]-49; dead; N. Y.	5 daughters--	8	12,742	4.1	516
Sire, 729[illegible]; dam, 1450[illegible].	5 dams-------	10	11,257	3.9	434
Herd Owner, Cornell University, Ithaca.	Difference---	(3-4-2)	+1,[illegible]85	+.2	+82
COY EXPECTATION SNOW [illegible]----------	18 daughters--	21	9,607	3.8	360
Born, 7-4-41; proved, 2-[illegible]-49; dead; N. Y.	8 daughters--	8	9,386	3.7	349
Sire, 740852; dam, 1942594.	9 dams-------	11	11,850	3.3	390
Herd Owner, W. H. Heath & Sons, Glenmont.	Difference---	(1-8-3)	-2,464	+.4	-41
CRESCENT BEAUTY SUPREME 866531----------	6 daughters--	7	10,626	3.7	393
Born, 1-[illegible], proved, 2-7-49;----; Wis.	5 daughters--	6	11,366	3.6	413
Sire, 7[illegible]126; dam, 2034194.	5 dams-------	20	11,951	3.5	417
Herd Owner, Allen Hetts, Ft. Atkinson.	Difference---	(3-5-3)	-585	+.1	-4
DAUNTLESS PIEBE DIRECT 835469----------	8 daughters--	9	5,749	3.7	212
Born, 12-6-41; proved, 2-25-49; dead; Vt.	6 daughters--	6	5,977	3.6	217
Sire, 668530; dam, [illegible].	6 dams-------	16	7,989	3.5	283
Herd Owner, E. Frank Brown, Fairfield.	Difference---	(1-5-1)	-2,012	+.1	-66
DAUNTLESS ROYAL DIRECT RAUWERD 834[illegible]----------	11 daughters-	15	12,162	3.5	427
Born, 11-12-41; proved, 2-18-49;----; Vt.	7 daughters--	9	12,145	3.5	425
Sire, 668530; dam, 1938136.	7 dams-------	18	11,929	3.4	410
Herd Owner, George D. Bailey, Rochester.	Difference---	(4-5-4)	+216	+.1	+15
DEAN OF THE ENNVALEE 826120----------	12 daughters-	13	12,908	3.6	467
Born, [illegible], proved, 2-23-49; dead; S. Dak.	10 daughters-	11	12,942	3.6	470
Sire, 746234; dam, 1735492.	10 dams------	31	11,994	3.9	468
Used in Minnesota Valley A. B. A., Minn.	Difference---	(8-2-6)	+9[illegible]6	-.3	+2
DECK POSCH AAGGIE 820722----------	5 daughters--	9	9,940	3.6	354
Born, 11-4-39, proved, 2-9-48; dead; Iowa.	5 dams-------	6	10,501	3.7	393
Sire, 788330; dam, 17[illegible].	Difference---	(3-0-3)	-561	-.1	-39
Herd Owner, Gottlieb Pulver & Son, Elgin.					
DISTINCTION FLOOD CHANGE 832105----------	16 daughters-	24	8,969	3.5	313
Born, [illegible]-[illegible]-41; proved, 2-21-49;----; Wis.	9 daughters--	14	8,757	3.5	308
Sire, 76[illegible]; dam, 1633815.	9 dams-------	15	9,456	3.6	343
Herd Owner, John K. Balcer, Thorp.	Difference---	(3-3-2)	-699	-.1	-35
DON KATHLEEN GEORGE 906298----------	5 daughters--	5	10,669	3.7	393
Born, 10-18-43; proved, 2-15-49;----; Iowa.	5 dams-------	19	10,918	3.4	372
Sire, 855239; dam, 1851071.	Difference---	(3-5-3)	-249	+.3	+21
Herd Owner, E. H. Estey & Howard Jones, Lamont.					
DUNLOGGIN FON ARCHER 834436----------	5 daughters--	5	13,088	3.7	485
Born, 10-29-41; proved, 2-18-49;----; Pa.	5 dams-------	17	13,738	3.4	462
Sire, 751640; dam, 1897962.	Difference---	(2-5-4)	-650	+.3	+23
Herd Owner, John H. Shirk, Lititz.					
EBENEZER PIPER HENGERVELD 821414----------	9 daughters--	10	12,110	3.5	420
Born, 2-1-41; proved, 2-21-49;----; Ill.	7 daughters--	8	12,976	3.4	441
Sire, 697680; dam, 1416589.	7 dams-------	11	11,937	3.5	414
Herd Owner, Babler & Fischer, Freeport.	Difference---	(6-4-5)	+1,039	-.1	+27
ECHO NETHERLAND ORMSBY JOE 837149 *12----------	23 daughters-	36	13,077	3.7	488
Born, 9-28-40; proved, 2-15-49; alive; Pa.	16 daughters-	25	12,917	3.8	485
Sire, 725852; dam, 1859779.	16 dams------	33	9,674	3.6	351
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(15-10-15)	+3,243	+.2	+134
ELLBANK SENSATION AAGGIE JOE 778853 *10----------	24 daughters-	53	11,780	3.6	420
Born, 11-12-37; proved, 2-23-49;----; N. Y.	23 daughters-	50	11,855	3.6	424
Sire, 725627; dam, 1673807.	23 dams------	78	12,081	3.6	440
Herd Owner, Ralph R. Smith, Poughkeepsie.	Difference---	(9-9-5)	-226	.0	-16
ELMER BROOK SIR HOMESTEAD PIEBE 833377----------	8 daughters--	8	9,426	3.8	362
Born, 7-11-41; proved, 2-24-49;----; Wis.	6 daughters--	6	9,847	3.7	368
Sire, 772716; dam, 2035912.	6 dams-------	11	9,227	3.9	357
Herd Owner, Harrison Smith & Herman Kessenick, De Forest.	Difference---	(3-3-4)	+620	-.2	+11
ELMER SETON CHAMPION 849762----------	9 daughters--	12	9,995	3.2	320
Born, 4-30-41; proved, 2-14-49;----; Pa.	7 daughters--	10	10,116	3.2	319
Sire, 715010; dam, 2130782.	7 dams-------	20	10,789	3.0	320
Herd Owner, Seton Hill College, Greensburg.	Difference---	(3-6-3)	-673	+.2	-1
FEMCO DICTATOR 780858 *12----------	39 daughters-	53	11,858	3.6	425
Born, 3-4-39; proved, 2-24-49; alive; W. Va.	28 daughters-	39	11,506	3.6	415
Sire, 629473; dam, 1802812.	28 dams------	61	11,693	3.5	409
Used in West Virginia Co-op. A. B. A.	Difference---	(14-17-14)	-187	+.1	+6
FITZALL PROGRESSOR OLLIE OAK 885672----------	5 daughters--	5	12,829	3.3	428
Born, 2-26-43; proved, 2-14-49;----; Wis.	5 dams-------	7	9,878	3.3	330
Sire 852413; dam, 1993191.	Difference---	(5-2-5)	+2,951	.0	+98
Herd Owner, Burt McKenzie, Hollandale.					

FRAN LO PIERE LUKA 834[illegible]	[illegible] daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Born, 10-[illegible]-41; proved, 2-25-49;----; Minn.	[illegible] daughters--	8	[illegible]	[illegible]	[illegible]
Sire, 800848; dam, 2146[illegible].	[illegible] dams------	12	[illegible]	[illegible]	[illegible]
Herd Owner, C. H. Mueller & Sons, Lewiston.	Difference---	(1-5-1)	[illegible]	+.[illegible]	-[illegible]
GARDNER FARM DENVER PRINCE 8[illegible]8362	[illegible] daughters--	7	12,763	[illegible]	[illegible]
Born, 1-[illegible]-41; proved, 2-9-49;----; Ill.	6 dams-------	19	11,136	[illegible]	[illegible]
Sire, 785451; dam, 1[illegible]9430.	Difference---	(5-2-4)	+1,6[illegible]7	-.1	+4[illegible]
Herd Owner, I. N. Russell, Plato Center.					
GENODALE SUPREME (TWIN) 841240	9 daughters--	1[illegible]	12,1[illegible]	[illegible]	442
Born, 11-[illegible]-41; proved, 2-2-49; alive; N. Y.	5 daughters--	8	11,615	3.8	4[illegible]6
Sire, 746[illegible]; dam, 1861007.	5 dams-------	15	9,650	[illegible]	366
Herd Owner, Norman Stitz, Elma.	Difference---	(3-2-4)	+1,9[illegible]	.0	+70
GOLDEN ADMIRAL FOBES 856238	6 daughters--	6	12,791	4.1	[illegible]
Born, 8-2[illegible]-42; proved, 2-9-49;----; Ind.	5 daughters--	5	12,259	4.1	4[illegible]8
Sire, 756065; dam, 1846521.	5 dams-------	12	11,648	[illegible]	421
Herd Owner, Joseph Lemish & Son, Garrett.	Difference---	(3-4-4)	+611	+.5	+77
GOVERNOR ROSE HILL TRITOMIA 833253	7 daughters--	7	[illegible]	[illegible]	354
Born, 10-17-41; proved, 2-23-49;----; Wis.	6 daughters--	6	9,557	3.7	353
Sire, 743882; dam, 1875666.	6 dams-------	21	11,117	3.6	[illegible]
Herd Owner, Elmer Richter, Burlington.	Difference---	(0-2-1)	-1,560	+.1	-45
GRASSLAND POSCH ORMSBY ROCKVALE 821617	21 daughters-	24	10,489	3.5	[illegible]
Born, 5-23-40; proved, 2-17-49;----; Iowa.	12 daughters-	14	11,[illegible]	[illegible]	[illegible]
Sire, 623972; dam, 1838477.	12 dams------	32	9,906	[illegible]	[illegible]
Herd Owner, Amana Society, Amana.	Difference---	(8-6-8)	+1,289	.0	+42
HAMER PIETERTJE POSCH DE KOL 835339 *(Mar. 1948)	21 daughters-	40	11,576	3.7	428
Born, 11-19-40; proved, 2-1-49; alive; Iowa.	21 dams------	68	11,478	3.5	405
Sire, 749574; dam, [illegible]56268.	Difference---	(12-16-14)	+98	+.2	[illegible]
Used in Louisiana Co-op. A. B. A., Inc., La.					
HASTINGS MAN-O-WAR ELTON (TWIN) 833039	5 daughters--	6	11,928	3.2	387
Born, 5-12-41; proved, 2-24-49; dead; Nebr.	5 dams-------	21	[illegible]	3.3	383
Sire, 755358; dam, 1940909.	Difference---	(2-2-2)	+[illegible]	-.1	+4
Herd Owner, State Board of Control, Lincoln.					
HEILO KORNDYKE BEETS 893961	8 daughters--	8	9,305	3.4	320
Born, 4-13-43; proved, 2-15-49;----; Wis.	6 daughters--	6	9,522	3.5	330
Sire, 830085; dam, 1950340.	6 dams-------	11	12,379	3.[illegible]	372
Herd Owner, Glenn L. Hasse, Monroe.	Difference---	(0-6-1)	-2,857	+.5	-42
HENGERVELD DESIGN 845699 *12	7 daughters--	8	11,522	3.6	414
Born, 11-14-41; proved, 2-28-49;----; Pa.	7 dams-------	35	14,599	3.8	549
Sire, 784778; dam, 1908636.	Difference---	(0-1-1)	-3,077	-.2	-135
Used in Nepa Co-op. A. B. A.					
HERSHEY DE KOL PIETERTJE 835839	6 daughters--	7	10,369	3.5	362
Born, 10-30-41; proved, 2-21-49;----; Pa.	6 dams-------	28	10,759	3.4	367
Sire, 688265; dam, 2061616.	Difference---	(3-4-2)	-390	+.1	-5
Herd Owner, Hershey Industrial School, Hershey.					
HERSHEY WALKER SCHUILING 822799	11 daughters-	13	9,982	3.6	357
Born, 2-8-41; proved, 2-14-49;----; Pa.	6 daughters--	7	10,827	3.5	378
Sire, 677099; dam, 1939404.	6 dams-------	11	11,326	3.2	363
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-6-3)	-499	+.3	+15
HILLSBORO GENERAL ORMSBY MUTUAL 863287 *(Aug. 1948)	13 daughters-	13	12,060	4.0	484
Born, 10-14-42; proved, 2-3-49; alive; W. Va.	13 dams------	55	11,406	3.7	423
Sire, 715512; dam, 2051485.	Difference---	(8-12-11)	+654	+.3	+61
Used in West Virginia Co-op. A. B. A.					
HOLSERS VALLEY CREAMELLE LAD 803545 *11	11 daughters-	14	10,796	3.5	376
Born, 1-8-40; proved, 2-28-49; dead; N. Y.	11 dams------	46	11,835	3.3	395
Sire, 744576; dam, 1926777.	Difference---	(3-10-4)	-1,039	+.2	-19
Herd Owner, Le Roy E. Rofe, Homer.					
KENTWORTH B ORMSBY JAKE 862980	8 daughters--	10	9,336	3.9	365
Born, 5-24-42; proved, 2-7-49;----; Mich.	8 dams-------	26	6,956	3.5	243
Sire, 704308; dam, 2111034.	Difference---	(8-7-8)	+2,380	+.4	+122
Herd Owner, William H. Edgar, Clarkston.					
KING BESSIE HARTOG ORMSBY 9TH 838436	11 daughters-	16	10,040	3.8	379
Born, 2-27-41; proved, 2-2-49; dead; N. Y.	5 daughters--	7	10,676	3.6	382
Sire, 732188; dam, 1962397.	5 dams-------	8	9,704	3.6	349
Herd Owner, Ward R. Evans, Georgetown.	Difference---	(4-3-4)	+972	.0	+33
KING BESSIE ORMSBY FOBES PONTIAC 763870 *10	28 daughters-	37	12,548	3.5	443
Born, 8-27-38; proved, 2-17-49; dead; Ohio.	22 daughters-	31	12,549	3.6	449
Sire, 520107; dam, 1261989.	22 dams------	72	12,697	3.3	418
Used in Central Ohio Co-op. A. B. A.	Difference---	(9-19-16)	-148	+.3	+31

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING BESSIE SENATOR FOBES SEGIS 4TH 8887[illegible]----------	5 daughters--	5	11,410	3.6	406
Born, [illegible]; proved, [illegible]-17-49;----; Wis.	5 dams-------	20	10,587	3.6	384
Sire, [illegible]; dam, 1[illegible]488.	Difference---	(3-3-3)	+823	.0	+22
Herd Owner, John F. Wegge & Sons, Burlington.					
KING ORMSBY KARTJE FAYNE 6[illegible]----------	12 daughters-	21	12,645	3.4	428
Born, [illegible]-7-40; proved, 2-28-49;----; N. Y.	13 daughters-	15	12,335	3.4	418
Sire, 714051; dam, 1908098.	13 dams------	18	13,162	3.3	430
Herd Owner, Ben Van Wagner & Son, Sherburne.	Difference---	(6-10-6)	-827	+.1	-12
KING ORMSBY OF HARK 820968----------	8 daughters--	15	10,870	3.9	424
Born, 3-1-40; proved, 2-17-49;----; Ill.	5 daughters--	11	9,987	4.0	398
Sire, 741516; dam, 1929735.	5 dams-------	8	11,523	3.4	394
Herd Owner, Zaner & Rapp, Aurora.	Difference---	(2-5-2)	-1,536	+.6	+4
LAUXMONT O PATHFINDER 842933----------	11 daughters-	14	9,274	4.2	388
Born, 1-11-42; proved, 2-24-49;----; Pa.	11 dams------	38	10,630	3.6	387
Sire, 787409; dam, 1909137.	Difference---	(3-11-5)	-1,356	+.6	+1
Used in Nepa Co-op. A. B. A.					
LAUXMONT O ROSE LAD 834598----------	6 daughters--	10	11,438	4.2	482
Born, 8-14-41; proved, 2-28-49;----; N. H.	6 dams-------	10	11,958	3.6	429
Sire, 787409; dam, 1598268.	Difference---	(3-6-4)	-520	+.6	+53
Herd Owner, Theodore J. Frizzell, Charlestown.					
LAUXMONT RAG APPLE BONDSMAN (TWIN) 749057 *(Mar. 1948)-----	31 daughters-	47	13,091	3.6	471
Born, 6-8-37; proved, 2-25-49;----; Pa.	24 daughters-	31	13,311	3.6	481
Sire, 695000; dam, 1652031.	24 dams------	85	12,849	3.5	447
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(12-19-16)	+462	+.1	+34
LILAC HILL DICTATOR ORMSBY FOBES 832797----------	5 daughters--	7	13,297	3.8	510
Born, 4-28-41; proved, 2-28-49;----; Ill.	5 dams-------	20	13,997	3.7	512
Sire, 759581; dam, 1601039.	Difference---	(2-4-3)	-700	+.1	-2
Herd Owner, Henry Wegener, Ingleside.					
LOC-PINE SUNNY PIEBE 807508 *(Nov. 1948)----------	13 daughters-	13	11,305	3.8	426
Born, 2-26-40; proved, 2-23-49;----; Pa.	11 daughters-	11	11,505	3.8	437
Sire, 772189; dam, 1633158.	11 dams------	49	10,333	3.7	380
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(7-10-9)	+1,172	+.1	+57
LOCUSTLAND SEGIS PIETJE 849997----------	8 daughters--	9	10,747	3.7	397
Born, 3-2-42; proved, 2-21-49;----; Pa.	8 dams-------	39	12,038	3.4	411
Sire, 791734; dam, 1812085.	Difference---	(1-7-5)	-1,291	+.3	-14
Herd Owner, Charles A. Raudabaugh, Carlisle.					
MACK DUNLOGGIN KING BESSIE 852561----------	6 daughters--	6	10,265	3.4	346
Born, 3-19-42; proved, 2-4-49;----; Pa.	6 dams-------	23	12,691	3.4	426
Sire, 672131; dam, 1757081.	Difference---	(3-4-2)	-2,426	.0	-80
Herd Owner, St. Michaels Industrial School, Hoban Heights.					
MAPLE VALLEY POSCH PIEBE 735476 *10----------	23 daughters-	48	13,432	3.5	473
Born, 1-11-37; proved, 2-25-49;----; Pa.	21 daughters-	46	13,423	3.5	473
Sire, 666928; dam, 1578953.	21 dams------	133	12,252	3.6	438
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(15-9-17)	+1,171	-.1	+35
MAYFAIR ARISTOCRAT POSCH LANE 801354 *12----------	16 daughters-	32	12,512	3.6	450
Born, 3-4-40; proved, 2-21-49;----; N. Y.	16 dams------	63	13,666	3.3	453
Sire, 771243; dam, 1978798.	Difference---	(5-15-9)	-1,154	+.3	-3
Herd Owner, Eibert Brothers, Marietta.					
MILCO MANAWA STAR LAD 832894----------	7 daughters--	8	11,202	3.6	399
Born, 9-5-41; proved, 2-21-49;----; Wis.	6 daughters--	7	10,184	3.6	366
Sire, 721899; dam, 1839035.	6 dams-------	22	10,348	3.9	399
Herd Owner, Milwaukee Co. Institutional Farms, Wauwatosa.	Difference---	(3-1-2)	-164	-.3	-33
MONTVIC LOCHINVAR 14TH 843797----------	9 daughters--	10	13,195	3.6	475
Born, 12-6-41; proved, 2-25-49; alive; N. Y.	5 daughters--	5	13,419	3.7	490
Sire, 129946 CHB; dam, 408474 CHB.	5 dams-------	7	13,878	3.7	508
Herd Owner, C. E. & R. H. Fisher, Cazenovia.	Difference---	(3-3-3)	-459	.0	-18
NEWMONT ORMSBY TEDDY 839887----------	13 daughters-	15	9,238	3.7	338
Born, 11-26-41; proved, 2-2-49;----; Vt.	12 daughters-	13	9,143	3.7	338
Sire, 800948; dam, 1726306.	12 dams------	54	10,551	3.7	395
Herd Owner, Russell C. Nickerson, Shoreham.	Difference---	(3-5-3)	-1,408	.0	-57
N J E S CONQUEROR DRABA KENNETH 822065 *(Apr. 1948)--------	19 daughters-	30	10,527	4.0	421
Born, 3-24-41; proved, 2-28-49; alive; N. J.	18 daughters-	28	10,387	4.0	415
Sire, 673525; dam, 1709711.	18 dams------	70	11,640	3.7	431
Used in Connecticut A. B. A., Inc., Conn.	Difference---	(5-16-7)	-1,253	+.3	-16
ORMSBY BUTTERCUP PIEBE 818537----------	5 daughters--	8	12,561	3.5	437
Born, 1-4-41; proved, 2-14-49;----; Pa.	5 dams-------	23	12,525	3.5	440
Sire, 706640; dam, 1952072.	Difference---	(2-2-3)	+36	.0	-3
Herd Owner, Leatherwood Farms, New Bethlehem.					

HOLSTEIN SIRES	[illegible]	[illegible] averaged	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	[illegible]	[illegible]
ORMSBY PONTIAC PIETJE SEGIS [illegible] *[illegible]	18 daughters-	[illegible]	10,781	[illegible]	[illegible]
Born, 12-30-40; proved, 2-18-49; dead; N. Y.	18 dams------	[illegible]	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	Difference---	(10-6-9)	[illegible]	-.1	-12
Herd Owner, M. J. Cuddy & R. K. Daly, Auburn.					
ORMSBY POSCH SPOFFORD HELIO [illegible]	9 daughters--	[illegible]	11,594	[illegible]	[illegible]
Born, 3-1-41; proved, 2-14-[illegible]; ----; Pa.	5 daughters--	7	12,466	[illegible]	431
Sire, 777952; dam, 1906088.	5 dams-------	8	10,902	3.2	346
Herd Owner, Don Miller, Clinton.	Difference---	(4-4-5)	+1,564	+.3	+85
PABST BARTA ORMSBY PRIDE 812074 *12	15 daughters-	21	10,696	3.8	410
Born, 9-4-40; proved, 2-28-49; ----; Wis.	15 dams------	67	12,717	[illegible]	451
Sire, 761980; dam, 1174293.	Difference---	(4-13-7)	-2,021	+.3	-41
Herd Owner, Manitowoc County Asylum, Manitowoc.					
PABST BURKE PRIDE BLOOM 869943	5 daughters--	5	14,269	3.5	504
Born, 3-2-43; proved, 2-23-49; ----; Wis.	5 dams-------	13	12,649	3.6	455
Sire, 697789; dam, 1986666.	Difference---	(3-2-4)	+1,640	-.1	+49
Herd Owner, Walter R. Lange, Watertown.					
PEAT PRILLY (TWIN) 817434	6 daughters--	6	11,700	3.7	430
Born, 11-12-40; proved, 2-4-49; dead; La.	5 daughters--	5	12,035	3.7	449
Sire, 588584; dam, 1633544.	5 dams-------	15	10,431	3.6	377
Herd Owner, Louisiana Polytechnic Institute, Ruston.	Difference---	(3-2-5)	+1,604	+.1	+72
PEBBLE BEACH DEAN HOPE 853926	7 daughters--	7	12,503	3.8	471
Born, 6-28-42; proved, 2-2-49; ----; N. Y.	5 daughters--	5	12,218	3.8	467
Sire, 761977; dam, 1900729.	5 dams-------	14	11,213	3.6	408
Herd Owner, George A. Bradley & Son, Macedon Center.	Difference---	(3-5-4)	+1,005	+.2	+59
PEQUEA RAG APPLE ORMSBY CYRUS 822913	14 daughters-	15	14,379	3.9	562
Born, 4-10-41; proved, 2-14-49; alive; Pa.	12 daughters-	13	14,557	3.9	572
Sire, 749057; dam, 1941695.	12 dams------	20	13,909	3.7	521
Used in New York Co-op. A. B. A., Inc., N. Y.	Difference---	(8-11-8)	+648	+.2	+51
PIETJE MUTUAL ALICE 818721	7 daughters--	16	11,632	3.8	447
Born, 3-15-40; proved, 2-28-49; ----; N. J.	5 daughters--	12	11,205	4.0	443
Sire, 654594; dam, 1589993.	5 dams-------	16	13,047	3.5	450
Herd Owner, J. Preston Quick, Somerville.	Difference---	(0-5-3)	-1,842	+.5	-7
POPLAR POINT PEARL PATHFINDER 886524 *(Jan. 1949)	18 daughters-	28	13,740	3.3	458
Born, 11-29-41; proved, 12-22-48; ----; N. Y.	18 dams------	45	11,855	3.3	395
Sire, 776307; dam, 2012458.	Difference---	(14-11-14)	+1,885	.0	+63
Herd Owner, Edwin R. Smith, Seneca Falls.					
POSCH ALBAN PIEBE 833881	9 daughters--	9	8,686	3.8	329
Born, 11-11-40; proved, 2-18-49; ----; Iowa.	5 daughters--	5	8,995	3.8	341
Sire, 749574; dam, 1960376.	5 dams-------	11	9,226	3.7	344
Herd Owner, Bertha McLaury & Son, Oelwein.	Difference---	(2-4-3)	-231	+.1	-3
POSCH DAISY SUPREME 858933	6 daughters--	11	10,656	3.4	360
Born, 10-4-41; proved, 2-2-49; dead; Iowa.	5 daughters--	9	10,640	3.4	359
Sire, 786986; dam, 2098201.	5 dams-------	17	11,662	3.5	406
Herd Owner, Arnold Kleiss & Son, Fredericksburg.	Difference---	(1-2-1)	-1,022	-.1	-47
QUONQUONT MODEST REVERE 854422	5 daughters--	6	13,934	3.5	487
Born, 4-18-42; proved, 2-14-49; ----; Mass.	5 dams-------	14	13,357	3.5	470
Sire, 797019; dam, 1844891.	Difference---	(3-3-3)	+577	.0	+17
Herd Owner, Mt. Hope Dairy, Taunton.					
QUONQUONT MODEST SIR LIONEL 775869 *10	14 daughters-	17	10,714	3.7	391
Born, 10-15-38; proved, 2-28-49; ----; Vt.	13 daughters-	16	10,650	3.6	388
Sire, 723714; dam, 1670101.	13 dams------	41	11,564	3.5	399
Used in New Hampshire A. B. A., N. H.	Difference---	(5-10-5)	-914	+.1	-11
RETREAT WIMBLEDON ORMSBY CALAMITY 831623	5 daughters--	9	10,557	3.9	407
Born, 8-12-41; proved, 2-28-49; ----; Pa.	5 dams-------	18	10,207	3.7	380
Sire, 665017; dam, 1744186.	Difference---	(5-3-3)	+350	+.2	+27
Herd Owner, Otto Olofson & Hugo Anderson, Noxen.					
RINGMASTER SEGIS 73D 898933	8 daughters--	9	13,618	3.5	471
Born, 11-22-42; proved, 2-14-49; ----; Minn.	6 daughters--	7	13,850	3.5	488
Sire, 745237; dam, 2148852.	6 dams-------	10	12,675	3.2	412
Herd Owner, C. H. Thurston, Nicollet.	Difference---	(5-6-6)	+1,175	+.3	+76
ROCKCREST BESSIE LYONS ORMSBY 844580	7 daughters--	10	10,939	3.7	403
Born, 1-11-42; proved, 2-28-49; ----; Iowa.	7 dams-------	24	10,013	3.5	347
Sire, 746329; dam, 1702901.	Difference---	(4-7-5)	+926	+.2	+56
Herd Owner, Eggimann Brothers, Elkader.					
ROCK VALLEY ORMSBY CREATOR 877976	7 daughters--	7	11,453	3.5	399
Born, 5-18-43; proved, 2-18-49; ----; Wis.	7 dams-------	12	12,418	3.4	423
Sire, 748396; dam, 1791335.	Difference---	(4-5-4)	-965	+.1	-24
Herd Owner, E. R. & E. J. Kaderly, Juda.					

HOLSTEIN SIRES	Daughters	Number	Milk	Fat	Fat
POMER BAG APPLE DELIA 842024----------	6 daughters--	6	10,639	4.0	430
Born, [illegible], [illegible], [illegible]-[illegible]-[illegible]----, Mich.	6 dams-------	15	10,723	3.7	395
Sire, [illegible]; dam, 1286436.	Difference---	(2-4-3)	-84	+.3	+35
Herd Owner, Robinson Farms, Mendon.					
ROSE HILL EMPEROR GOVERNOR 743882 [illegible]----------	33 daughters-	78	12,014	3.7	450
Born, 3-20-37; proved [illegible]-[illegible]-49;----, Wis.	32 daughters-	77	12,062	3.7	451
Sire, 682072; dam, 15[illegible]8.	32 dams------	118	11,402	3.8	429
Herd Owner, John J. Voelkering, Burlington.	Difference----	(20-17-18)	+660	-.1	+22
ST J O ALEX SENATOR ORMSBY 808693 *(Mar. 1948)----------	16 daughters-	21	10,748	3.6	384
Born, 5-26-40; proved, 2-28-49; dead; Minn.	16 dams------	28	12,019	3.4	413
Sire, 701[illegible]7; dam, 1919300.	Difference---	(6-13-6)	-1,271	+.2	-29
Herd Owner, Moose Lake State Hospital, Moose Lake.					
SEGIS LAWRENCE ORMSBY 877751----------	6 daughters--	8	13,362	4.0	531
Born, 4-8-43; proved, 2-28-49;----; Pa.	6 dams-------	16	11,117	3.7	409
Sire, 779686; dam, 2207633.	Difference---	(5-5-5)	+2,245	+.3	+122
Herd Owner, Walter L. Bay, Gettysburg.					
SEGIS ORMSBY INKA PAYNE 856315----------	7 daughters--	9	9,673	3.1	303
Born, 10-15-41; proved, 2-9-4[illegible]----; Mich.	5 daughters--	6	9,852	3.1	301
Sire, 757403; dam, 1753313.	5 dams-------	7	10,153	3.3	337
Herd Owner, George Bailey, Hudson.	Difference---	(2-0-2)	-301	-.2	-36
SHYBRESQUIN STAR ART 834149 *(Mar. 1948)----------	12 daughters-	17	11,721	3.6	427
Born, 4-19-41; proved, 2-24-49;----; Pa.	10 daughters-	15	11,629	3.7	426
Sire, 731075; dam, 1964220.	10 dams------	33	12,172	3.4	418
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(4-9-5)	-543	+.3	+8
SHYBRESQUIN STAR JIM 8[illegible]----------	5 daughters--	6	8,656	3.9	336
Born, 12-20-42; proved, 2-18-49;----; Pa.	5 dams-------	17	7,245	3.6	264
Sire, 731075; dam, 1775594.	Difference---	(4-5-5)	+1,411	+.3	+72
Herd Owner, George V. Warren, Canton.					
SHIAWANA BONNIE LAD 8[illegible]612----------	9 daughters--	10	13,188	3.7	482
Born, [illegible]-3-41; proved, 2-25-49;----; Mich.	6 daughters--	7	13,754	3.7	511
Sire, 732743; dam, 1[illegible]7.	6 dams-------	15	11,832	3.6	422
Herd Owner, Dr. Charles Birmingham, Ovid.	Difference---	(4-5-6)	+1,922	+.1	+89
SIR AWIS FERDINAND DRAKE 843053----------	6 daughters--	8	10,346	3.6	371
Born, 10-5-41; proved, 2-28-49;----; Pa.	6 dams-------	35	11,225	3.8	423
Sire, 776459; dam, 2[illegible]098.	Difference---	(1-1-0)	-879	-.2	-52
Herd Owner, G. [illegible] Smith, Mar insburg.					
SIR DE KOL PONTIAC JOHANNA FORES 831827----------	9 daughters--	13	12,857	3.7	472
Born, 8-27-41; proved, 2-28-49;----; Wis.	5 daughters--	9	14,361	3.6	515
Sire, 729827; dam, 1900892.	5 dams-------	16	10,815	3.6	392
Herd Owner, Howard Sheldon, Rice Lake.	Difference---	(4-3-5)	+3,546	.0	+123
SIR FORES PERFECTION MERCEDES 836627 *12----------	22 daughters-	31	12,079	3.5	425
Born, 7-31-41; proved, 2-3-49; dead; Wis.	22 dams------	51	10,934	3.6	398
Sire, 805651; dam, 1727291.	Difference---	(15-13-13)	+1,145	-.1	+27
Herd Owner, Leonard Laux, Adell.					
S J C VALLEY EMPEROR STAR 857269 *(June 1948)----------	15 daughters-	22	14,568	3.7	541
Born, 2-19-42; proved, 2-28-49;----; Md.	15 dams------	65	13,545	3.5	480
Sire, 759918; dam, 1490431.	Difference---	(9-12-11)	+1,023	+.2	+61
Used in Southeastern Pennsylvania Co-op. A. B. A., Pa.					
SKYLARK ORMSBY PRIDE 874189----------	8 daughters--	11	9,676	3.6	350
Born, 9-17-42; proved, 2-18-49;----; Iowa.	6 daughters--	7	9,618	3.6	344
Sire, 781197; dam, 1996431.	6 dams-------	15	12,208	3.3	402
Herd Owner, Emil T. Wagner & Son, Randalia.	Difference---	(0-5-1)	-2,590	+.3	-58
SPINKER ONA CLOTHILDE 858901----------	8 daughters--	11	13,012	3.5	453
Born, 8-11-42; proved, 2-25-49;----; Pa.	5 daughters--	6	12,897	3.6	464
Sire, 761155; dam, 1494833.	5 dams-------	9	11,828	3.7	433
Used in Nepa Co-op. A. B. A.	Difference---	(4-3-3)	+1,069	-.1	+31
S P S M TENSEN DON EUGENE 838273----------	7 daughters--	10	11,746	3.5	413
Born, 10-16-41; proved, 2-2-49; dead; Mich.	5 daughters--	8	12,073	3.6	433
Sire, 792013; dam, 2101860.	5 dams-------	8	10,619	3.3	348
Herd Owner, W. D. Freiermuth, Stockbridge.	Difference---	(3-5-4)	+1,454	+.3	+85
STEILACOOM MUTUAL MATADOR 831388----------	10 daughters-	15	13,425	3.4	456
Born, 4-11-41; proved, 2-28-49;----; Wash.	7 daughters--	10	13,546	3.4	459
Sire, 677684; dam, 1956059.	7 dams-------	21	13,370	3.3	447
Herd Owner, Western State Hospital, Ft. Steilacoom.	Difference---	(2-4-4)	+176	+.1	+12
STOCKTON MIDWAY 865024----------	26 daughters-	31	16,045	3.4	548
Born, 6-1-42; proved, 2-15-49;----; Calif.	15 daughters-	17	16,639	3.4	569
Sire, [illegible]; dam, 1074500.	15 dams------	21	14,213	3.4	483
Herd Owner, Stockton State Hospital, Stockton.	Difference---	(13-9-11)	+2,426	.0	+66

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pound	Percent	Pounds
S T S GRAND MASTER INKA 820350----------	9 daughters--	9	13,342	3.8	512
Born, 10-27-40; proved, 2-18-49; dead; Kans.	5 daughters--	5	13,136	4.0	533
Sire, 738467; dam, 1840237.	5 dams-------	12	12,499	3.6	455
Herd Owner, State Hospital, Larned.	Difference---	(4-4-4)	+837	+.4	+78
TALL OAKS ORMSBY TRITOMIA PLUS 821051----------	16 daughters-	20	7,885	3.5	279
Born, 12-20-40; proved, 2-4-49; dead; Iowa.	5 daughters--	6	8,261	3.5	288
Sire, 654501; dam, 1792145.	5 dams-------	9	9,994	3.4	336
Herd Owner, Myron Talcott, Randalia.	Difference---	(3-3-3)	-1,733	+.1	-48
TERRACE HEIGHTS SKYLARK PAUL 876535----------	8 daughters--	8	8,383	3.2	266
Born, 3-22-43; proved, 2-18-49; dead; Minn.	7 daughters--	7	8,382	3.1	264
Sire, 809287; dam, 2180861.	7 dams-------	13	8,999	3.2	289
Herd Owner, Fred Dennstedt, Harmony.	Difference---	(3-4-3)	-617	-.1	-25
VAN HORNE ONYX PROTECTOR 817661----------	9 daughters--	9	11,366	3.8	43[illegible]
Born, 4-15-40; proved, [illegible]----; Pa.	7 daughters--	7	10,942	3.8	41[illegible]
Sire, [illegible]; dam, 1800[illegible].	7 dams-------	20	11,024	3.7	405
Herd Owner, S. E. Woodley, Narrowsburg, N. Y.	Difference---	(4-5-4)	-82	+.1	+8
V P I HOMESTEAD DEFENDER 833765----------	7 daughters--	8	8,963	3.3	297
Born, 8-28-41; proved, 2-24-49;----, Va.	5 daughters--	6	9,106	3.2	304
Sire, 7[illegible]; dam, 1897718.	7 dams-------	12	10,699	3.4	359
Herd Owner, Frank R. Coffman, Harrisonburg.	Difference---	(1-3-1)	-1,573	-.1	-55
WEARY RIVER INKA ABBEKERK (TWIN) 755530 *9----------	14 daughters-	23	15,021	3.3	498
Born, 6-7-36; proved, 2-15-49;----; Calif.	13 daughters-	18	14,777	3.3	493
Sire, [illegible]; dam, 1117[illegible].	13 dams-------	51	12,766	3.8	484
Used in San Pasqual A. B. A., Inc.	Difference---	(11-1-6)	+2,011	-.5	+9
WILLOWLA GOVERNOR DOUBLE CROSS [illegible]----------	14 daughters-	23	8,849	3.3	294
Born, 9-17-41; proved, 2-21-49;----; Oreg.	8 daughters--	13	8,400	3.3	276
Sire, 711950; dam, 2107739.	8 dams-------	12	7,859	3.4	268
Herd Owner, C. R. Evans, Halsey.	Difference---	(6-4-4)	+541	-.1	+8
WIMBLEDON EMPEROR RAG APPLE 773955 *10----------	17 daughters-	35	11,195	3.7	411
Born, 11-29-38; proved, 2-28-49; alive; Md.	14 daughters-	32	10,971	3.7	405
Sire, 671030; dam, 1585325.	14 dams-------	34	11,856	3.4	408
Used in Maryland Co-op. A. B. A., Inc.	Difference---	(5-12-7)	-885	+.3	-3
WIMBLEDON RUBY QUEEN EMPEROR [illegible] *(Mar. 1948)----------	25 daughters-	40	12,2[illegible]	[illegible]	448
Born, 5-3-41; proved, 2-23-49;----; Pa.	17 daughters-	27	12,[illegible]	[illegible]	460
Sire, 671030; dam, 1837963.	17 dams-------	71	11,971	[illegible]	420
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	[illegible]	+616	+.2	+40
WINTERTHUR DOUBLE JASA [illegible]----------	7 daughters--	9	12,053	3.7	448
Born, 9-3-42; proved, 2-21-49;----; Pa.	[illegible]	[illegible]	11,525	3.8	437
Sire, 756158; dam, 1699374.	[illegible] dams-------	[illegible]	12,888	3.6	469
Herd Owner, Rivermead Farm, Milan.	Difference---	(2-4-2)	-1,363	+.2	[illegible]
WINTERTHUR FOBES POSCH XCEL 873237----------	6 daughters--	6	11,651	3.7	434
Born, 12-20-42; proved, 2-7-49;----; Pa.	[illegible]	[illegible]	12,406	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	Difference---	(3-6-3)	-755	+.2	[illegible]
Herd Owner, Frank McKinney, Elizabeth.					
WINTERTHUR SELECT NEBSKA WILDCAT 835911----------	[illegible] daughters-	[illegible]	[illegible]	[illegible]	[illegible]
Born, 6-29-41; proved, 2-18-49; dead; N. Y.	10 daughters-	11	10,496	3.5	[illegible]
Sire, 750000; dam, 1970026.	[illegible] dams-------	35	[illegible]	[illegible]	391
Herd Owner, Henry H. Rathbun & Sons, Oriskany Falls.	Difference---	(4-4-4)	-636	.0	-28
W I S DELL ORMSBY [illegible]----------	5 daughters--	5	12,317	3.7	[illegible]
Born, [illegible] proved, 2-28-49;----; Wis.	5 dams-------	[illegible]	11,983	3.6	427
Sire, 698242; dam, 1811689.	Difference---	(3-4-3)	[illegible]	+.1	+24
Herd Owner, Walter K. Ahlers, Grafton.					
WISFOB BURKE FRYSLAN ORMSBY 778992----------	7 daughters-	[illegible]	[illegible]	[illegible]	[illegible]
Born, 6-8-39; proved, 2-15-49;----; Wis.	5 daughters--	14	[illegible]	[illegible]	[illegible]
Sire, 674860; dam, 1848503.	[illegible] dams-------	14	[illegible]	[illegible]	[illegible]
Herd Owner, [illegible] & Tow[illegible], Belgium.	Difference---	[illegible]	+1,020	+.1	+42
W[illegible] DENIS DON [illegible]----------	5 daughters-	[illegible]	14,576	[illegible]	484
Born, 11-14-41; proved, 2-14-49;----; Mich.	[illegible] dams-------	[illegible]	[illegible]	3.6	490
Sire, 785294; dam, 2039479.	Difference---	[illegible]	[illegible]	[illegible]	-6
Herd Owner, Brown Brothers, Mt. Pleasant.					

JERSEY SIRES

ADELINE'S TORMENTOR 406905----------	11 daughters-	11	[illegible]	5.2	386
Born, 12-3-39; proved, 2-3-49;----; N. H.	6 daughters--	6	6,635	5.4	356
Sire, 374437; dam, 1081919.	6 dams-------	8	8,390	[illegible]	370
Herd Owner, Jeffrey Smith, Hollis.	Difference---	(0-5-2)	-1,755	+1.0	[illegible]

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BLONDE LAD'S JIM 422365 *12----------	24 daughters-	41	8,206	5.6	458
Born, 4-14-41; proved, 2-9-49; alive; Wash.	21 daughters-	35	8,103	5.5	450
Sire, 389488; dam, 1073961.	21 dams------	49	9,153	5.1	470
Herd Owner, R. C. Nelson, Walla Walla.	Difference---	(7-15-7)	-1,050	+.4	-20
BLONDE STANDARD KING 405222----------	9 daughters--	19	6,157	5.0	307
Born, 11-12-38; proved, 2-10-49;----; Ga.	6 daughters--	12	6,599	4.9	324
Sire, 377479; dam, 1044620.	6 dams-------	10	5,157	5.1	262
Herd Owner, T. R. Breedlove, Jr., Monroe.	Difference---	(5-3-6)	+1,442	-.2	+62
BRAMPTON BEECH STANDARD 401972----------	9 daughters--	14	7,333	5.3	392
Born, 9-2-38; proved, 2-2-49; alive; Pa.	5 daughters--	10	7,072	5.5	390
Sire, 94654 CJCC; dam, 51919 CJCC.	5 dams-------	14	7,345	5.2	384
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(2-5-3)	-273	+.3	+6
BRAMPTON LAD HONEY 406390----------	9 daughters--	11	6,157	5.3	328
Born, 2-10-38; proved, 2-2-49; dead; Iowa.	8 daughters--	9	6,272	5.3	334
Sire, 367240; dam, 927447.	8 dams-------	11	6,828	5.5	377
Herd Owner, Vance's Jersey Dairy, Clarksville.	Difference---	(3-3-3)	-556	-.2	-43
CLOVER HILL TOM 414754----------	6 daughters--	8	5,890	5.9	346
Born, 3-25-40; proved, 2-14-49;----; Pa.	6 dams-------	16	6,111	5.8	356
Sire, 384259; dam, 1053822.	Difference---	(2-3-3)	-221	+.1	-10
Herd Owner, George Grotzinger, St. Marys.					
DESIGN DARK BOY OF OAKHURST 404170----------	5 daughters--	5	8,890	4.7	420
Born, 10-12-38; proved, 2-16-49;----; Ind.	5 dams-------	11	8,693	4.5	392
Sire, 376639; dam, 1044491.	Difference---	(3-3-4)	+197	+.2	+28
Herd Owner, Merle Kyler, Columbia City.					
DESIGNER'S SILVER PRINCE 423510 *12----------	15 daughters-	35	7,757	5.3	408
Born, 7-18-40; proved, 2-3-49;----; Pa.	14 daughters-	34	7,810	5.3	410
Sire, P. S. 7413 H. C.; dam, 1261073.	14 dams------	53	8,226	5.2	424
Herd Owner, Roy N. Moose & Sons, Mercer.	Difference---	(5-6-8)	-416	+.1	-14
DESIGN POMPOON 383205----------	6 daughters--	7	6,910	5.4	375
Born, 1-3-37; proved, 2-16-49;----; Ky.	5 daughters--	6	7,305	5.5	403
Sire, 343001; dam, 898622.	5 dams-------	11	7,368	5.3	390
Herd Owner, Mrs. Fannie Rouse & Sons, Crittenden.	Difference---	(3-2-3)	-63	+.2	+13
DICTATOR DESIGN OBSERVER 426444----------	5 daughters--	11	7,847	5.1	396
Born, 1-28-41; proved, 2-14-49;----; Tenn.	5 dams-------	24	7,222	5.5	399
Sire, 366252; dam, 1189884.	Difference---	(4-1-2)	+625	-.4	-3
Herd Owner, T. E. Harris, Lewisburg.					
DRACONIS SIR ROYAL STANDARD 420056----------	20 daughters-	20	6,377	4.7	297
Born, 9-29-40; proved, 2-28-49;----; Ga.	12 daughters-	12	6,211	4.7	291
Sire, 402924; dam, 1226145.	12 dams------	12	4,700	4.8	224
Herd Owner, Martin's Dairy, La Fayette.	Difference---	(9-2-10)	+1,511	-.1	+67
DREAMING PILGRIM COMMODORE 370431----------	9 daughters--	17	5,921	5.3	312
Born, 9-13-35; proved, 2-23-49;----; Wis.	6 daughters--	10	5,981	5.1	304
Sire, 317475; dam, 1036565.	6 dams-------	14	7,613	4.9	372
Herd Owner, Metzler Brothers, New Franken.	Difference---	(1-5-1)	-1,632	+.2	-68
ELM ROCK STANDARD VIKING 431785----------	6 daughters--	6	5,070	5.6	285
Born, 7-17-41; proved, 2-2-49;----; Vt.	6 dams-------	19	6,548	5.6	368
Sire, 392869; dam, 1217850.	Difference---	(1-3-1)	-1,478	.0	-83
Herd Owner, Jorgen Beck, Tunbridge.					
FOREMOST CHANCE BILL 405079 *9----------	10 daughters-	19	7,414	5.9	438
Born, 11-14-38; proved, 2-16-49;----; Iowa	10 dams------	33	8,236	5.5	452
Sire, 34944[illegible]; dam, 1040810.	Difference---	(2-7-4)	-822	+.4	-14
Herd Owner, Gladstone E. Smith, Whitten.					
GAMBOGE QUEEN KING [illegible]897 *12----------	15 daughters-	30	7,094	5.0	354
Born, [illegible] 2-16-49;----; Utah.	14 daughters-	29	7,189	5.0	361
Sire, [illegible]; dam, [illegible].	14 dams------	65	8,816	4.6	404
Herd Owner, Sorensen Brothers, East Garland.	Difference---	(2-13-5)	-1,627	+.4	-43
[illegible]EL CHIEFTAIN 37900 *8----------	11 daughters-	25	8,787	5.0	443
Born, 1-19-36; proved, 2-3-49; dead; Va.	11 dams------	40	8,075	5.1	410
Sire, 244516; dam, 872725.	Difference---	(7-5-8)	+712	-.1	+33
Used in West Virginia Co-op. A. B. [illegible] Va.					
GLORY LILAC REMUS FLASH 409521----------	11 daughters-	13	7,349	5.3	391
Born, 8-21-39; proved, 2-24-49;----; Wash.	5 daughters--	6	7,397	4.8	358
Sire, 375903; dam, 1172529.	5 dams-------	6	7,338	5.1	378
Herd Owner, Mrs. Robert Herness, Yelm.	Difference---	(3-1-3)	+59	-.3	-20
HERCULES SNOWMAN 405291----------	7 daughters--	10	6,942	5.4	376
Born, 4-11-39; proved, 2-3-49; dead; Ohio.	5 daughters--	8	6,545	5.4	355
Sire, 379009; dam, 990943.	5 dams-------	9	6,873	5.1	350
Herd Owner, Robert P. Rarey, Condit.	Difference---	(1-3-1)	-328	+.3	+5

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING PIONEER COME SON 425094	12 daughters-	17	8,148	5.0	405
Born, 2-16-39; proved, 2-2-49;----; Wash.	6 daughters--	9	8,166	5.2	427
Sire, 374056; dam, 1214203.	6 dams-------	19	8,378	5.0	417
Herd Owner, C. H. McGilvray, Walla Walla.	Difference---	(2-4-4)	-212	+.2	+10
L'ALVA COMMANDER 410088 *12	11 daughters-	23	7,836	4.9	388
Born, 8-7-39; proved, 2-24-49;----; Md.	10 daughters-	19	7,660	5.0	384
Sire, 353766; dam, 941014.	10 dams------	34	7,321	4.8	353
Used in Western Pennsylvania Co-op. A. B. A., Pa.	Difference---	(7-5-7)	+339	+.2	+31
LILAC COURIER BOY 412443	10 daughters-	12	7,753	5.4	417
Born, 9-22-39; proved, 2-3-49; alive; Wis.	5 daughters--	7	8,664	5.3	455
Sire, 390373; dam, 1259609.	5 dams-------	6	8,851	5.2	461
Used in Dairy Genetics, Inc., Iowa. (A. B. A.).	Difference---	(1-3-2)	-187	+.1	-6
LITTLE NETTE'S DUPLICATOR 409341 *11	23 daughters-	48	7,945	4.9	387
Born, 2-14-40; proved, 2-2-49;----; Pa.	19 daughters-	41	7,878	4.9	382
Sire, 375665; dam, 1133607.	19 dams------	70	6,903	5.1	349
Herd Owner, William C. McMillen, Marion Center.	Difference---	(13-5-12)	+975	-.2	+33
LORD WONDERFUL SULTAN 422416	6 daughters--	9	7,020	5.6	394
Born, 7-3-40; proved, 2-23-49;----; Iowa.	6 dams-------	14	6,981	5.8	405
Sire, 410975; dam, 1071600.	Difference---	(4-3-2)	+39	-.2	-11
Herd Owner, W. F. & Donald Steva, Monona.					
MISS BRUCE'S SIGNAL 435759 *(Aug. 1948)	18 daughters-	19	7,636	5.6	425
Born, 3-22-42; proved, 2-14-49;----; Vt.	18 dams------	77	7,795	5.2	408
Sire, 346193; dam, 1133895.	Difference---	(8-14-11)	-159	+.4	+17
Herd Owner, Harold J. Turner, Bethel.					
OBSERVER FOREMOST POPEYE 393223	11 daughters-	11	8,279	5.5	451
Born, 2-26-38; proved, 2-14-49; dead; Ohio.	7 daughters--	7	8,333	5.4	452
Sire, 344269; dam, 1000668.	7 dams-------	19	8,113	5.0	406
Herd Owner, Guy Larue, La Fayette.	Difference---	(4-5-5)	+220	+.4	+46
OHIO VOLANTE 409639 *12	10 daughters-	24	6,783	6.1	411
Born, 4-6-40; proved, 2-28-49; dead; Ohio.	10 dams------	62	6,922	5.5	379
Sire, 391578; dam, 1034536.	Difference---	(3-7-6)	-139	+.6	+32
Herd Owner, Ralph Denzer & Sons, Waldo.					
ONWARD ACTOR OXFORD 420135	8 daughters--	14	6,903	5.6	384
Born, 10-4-40; proved, 2-2-49;----; Mich.	5 daughters--	10	7,262	5.3	388
Sire, 327155; dam, 1135163.	5 dams-------	15	7,973	5.4	429
Herd Owner, Fred McIntyre, Corunna.	Difference---	(2-3-0)	-711	-.1	-41
OWLET BOASTER J. B. 409543	6 daughters--	9	7,848	5.1	398
Born, 2-19-39; proved, 2-23-49;----; Minn.	5 daughters--	8	8,314	5.1	422
Sire, 378440; dam, 1078397.	5 dams-------	19	9,258	4.9	454
Used in Broome Co-op. A. B. A., Inc., N. Y.	Difference---	(1-2-2)	-944	+.2	-32
OXFORDIA'S DREAMING SAM 369853	5 daughters--	5	8,044	5.2	421
Born, 4-9-35; proved, 2-23-49; dead; Ohio.	5 dams-------	5	7,299	5.4	396
Sire, 261643; dam, 835029.	Difference---	(3-2-3)	+745	-.2	+25
Herd Owner, Emerson Longnecker, Laura.					
PREMIER CHOICE OF A. V. 393005	5 daughters--	7	6,724	5.4	363
Born, 12-24-37; proved, 2-16-49;----; Conn.	5 dams-------	21	7,710	5.0	384
Sire, 309507; dam, 1171131.	Difference---	(2-4-2)	-986	+.4	-21
Herd Owner, John E. Kingsbury, Rockville.					
PRIMATE ZOE RALEIGH 383041	5 daughters--	10	5,838	5.1	300
Born, 5-12-36; proved, 2-18-49;----; Ky.	5 dams-------	13	5,097	5.4	276
Sire, 290642; dam, 1009803.	Difference---	(3-2-3)	+741	-.3	+24
Herd Owner, Caldwell & Pikes, Danville.					
RIGHT ROYAL'S STAR RALEIGH 414747	8 daughters--	12	7,479	4.9	364
Born, 10-28-39; proved, 2-16-49; dead; Ky.	5 daughters--	7	6,893	4.8	328
Sire, 327471; dam, 1103087.	5 dams-------	9	7,009	4.9	344
Herd Owner, E. R. Jean, Buechel.	Difference---	(3-2-3)	-116	-.1	-16
SAM'S PETITION 411334 *12	14 daughters-	18	7,279	5.2	378
Born, 4-10-40; proved, 2-21-49; dead; Pa.	13 daughters-	17	7,421	5.1	382
Sire, 389488; dam, 1059979.	13 dams------	72	7,938	5.0	393
Herd Owner, G. C. Saufley, Hummelstown.	Difference---	(5-10-4)	-517	+.1	-11
SAM'S PIONEER 377012	19 daughters-	24	6,479	5.7	368
Born, 12-20-35; proved, 2-28-49; dead; Idaho.	10 daughters-	13	6,644	5.7	377
Sire, 361292; dam, 1012170.	10 dams------	30	7,263	5.4	392
Herd Owner, O. B. Hollingsworth, Emmett.	Difference---	(3-9-4)	-619	+.3	-15
SOPHIE STAR VICTOR 412825	7 daughters--	10	7,752	5.4	421
Born, 8-14-39; proved, 2-23-49;----; Pa.	7 dams-------	34	7,910	5.1	404
Sire, 362579; dam, 982201.	Difference---	(4-6-4)	-158	+.3	+17
Herd Owner, Max Frey, Ottsville.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SPARKLING SIR PRINCE 432623----------	5 daughters--	5	7,275	6.9	499
Born, 9-14-41; proved, 2-7-49;----; Kans.	5 dams-------	15	7,581	5.9	444
Sire, 388076; dam, 1147126.	Difference---	(2-5-4)	-306	+1.0	+55
Herd Owner, John Craig Oswald & A. Lewis Oswald, Hutchinson.					
SPARKLING STANDARD COUNT 420491 *(Sept. 1948)----------	13 daughters-	20	7,379	5.5	404
Born, 2-5-41; proved, 2-7-49; alive; Tex.	12 daughters-	19	7,509	5.5	411
Sire, 376841; dam, 1058222.	12 dams-------	45	7,833	5.0	392
Herd Owner, H. F. Attaway, Pickton.	Difference---	(7-11-8)	-324	+.5	+19
STANDARD LEADER SIM 440745----------	7 daughters--	8	7,076	5.2	381
Born, 12-4-41; proved, 2-7-49;----; Mich.	6 daughters--	7	7,288	5.3	389
Sire, 93100 CJCC; dam, 100014 CJCC.	6 dams-------	22	7,377	5.3	394
Used in Missouri Dairy A. B. A., Mo.	Difference---	(4-3-4)	-89	.0	-5
SYBIL PRINCE OWL 407182----------	7 daughters--	7	6,564	5.[illegible]	329
Born, 2-25-37; proved, 2-3-49;----; N. [illegible]	7 dams-------	15	7,6[illegible]	5.1	390
Sire, 35[illegible]15; dam, 101704.	Difference---	(2-2-2)	-1,065	-.1	-61
Herd Owner, Roy D. Hunter [illegible], West Claremont					
SYBIL'S QUEKHEE [illegible] 401735----------	20 daughters-	36	7,610	5.[illegible]	415
Born, 5-9-3[illegible]; proved, [illegible]----, Wash.	[illegible] daughters--	15	7,508	5.5	415
Sire, 3387[illegible]; dam, 1[illegible].	[illegible] dams-------	25	7,997	[illegible]	437
Herd Owner, H. L. Allen Co., Monroe.	Difference---	(3-4-2)	-489	.0	-22
TWICE SIMILAR [illegible] 381229----------	11 daughters-	18	6,542	5.6	365
Born, 7-[illegible]; proved, 2-23-49;----; N. Y.	6 daughters--	11	[illegible]	[illegible]	[illegible]
Sire, [illegible] 321471.	6 dams-------	14	5,661	5.3	298
Herd Owner, Wells Dugins, [illegible]	Difference---	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] CLEN [illegible]----------	[illegible] daughters--	11	[illegible]	[illegible]	388
[illegible]; proved, [illegible] N. Y.	[illegible] daughters--	9	[illegible]	[illegible]	406
Sire, 357462; dam, 1184411.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Herd Owner, Brannon Farms, [illegible]	Difference---	(3-4-3)	+1,170	+.3	[illegible]
[illegible]----------	12 daughters-	17	[illegible]	[illegible]	454
[illegible], [illegible]; proved, [illegible]; N. H.	8 daughters--	11	[illegible]	[illegible]	462
Sire, 335248; dam, 1177218.	[illegible] dams-------	22	8,442	5.8	487
Herd Owner, F. P. Mahury, Cornish.	Difference---	(5-2-2)	-180	-.2	-25
[illegible] FAMOUS [illegible] *10----------	21 daughters-	31	6,434	5.6	360
Born, 6-18-40; proved, 2-14-49; dead; Pa.	19 daughters-	28	6,515	5.6	365
Sire, [illegible]; dam, 117[illegible].	19 dams------	82	7,171	5.4	389
Herd Owner, W. I. Blake, Mercer.	Difference--	(8-14-7)	-656	+.2	-24
VOLUNTEER REGINA NOBLE 402316----------	19 daughters-	33	6,858	5.0	345
Born, 8-21-38; proved, 2-16-49;----; Kans.	8 daughters--	12	[illegible]	4.9	347
Sire, 320698; dam, 830481.	8 dams-------	14	[illegible]	[illegible]	[illegible]
Herd Owner, Cecil H. Werneke, Caldwell.	Difference---	(4-3-4)	+452	-.2	+3
[illegible] [illegible] 4[illegible]----------	8 daughters--	13	6,426	5.0	321
Born, 10-28-41; proved, 2-3-49; dead; W. Va.	5 daughters--	10	[illegible]	[illegible]	321
Sire, 387421; dam, 1108074.	5 dams-------	15	8,768	4.9	421
Herd Owner, [illegible], Lewisburg.	Difference---	(4-4-1)	-2,585	+.3	-110
YOU'[illegible] [illegible]----------	7 daughters--	7	8,047	4.9	391
Born, 8-20-40; proved, 2-3-49; alive; Ohio.	5 daughters--	5	[illegible]	4.8	382
Sire, 302624; dam, 1174182.	5 dams-------	14	7,926	5.0	398
Herd Owner, Charles S. Gibson, Quaker City.	Difference---	(2-1-2)	-31	-.2	-16

AMERICAN DAIRY CATTLE CLUB SIRES

SAM'S PETITION 610

[illegible] registered [illegible] Jersey "Sam's Petition 411334." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

MAY 16 1949

airy-Herd-Improvement-Association Letter Vol. 25, No. 4

April 1949

FIRST GOAT PROVED IN DHIA PROVED-SIRE PROGRAM

The first goat sire ever proved with DHIA records was Chekaming Andrue 69435, representative of the Nubian breed. He was proved in March 1949, with production ecords from the herd of goats owned by Robert H. Campbell of Massachusetts.

Although several goat herds have been on test in dairy-herd-improvement ssociations in past years, production data have not been obtained heretofore to rove any of the sires used in the herds. Last month sufficient dam-and-daughter ata accumulated to prove the sire Chekaming Andrue.

The daughters of the sire had an average production of 1,489 pounds of milk, esting 6.2 percent, containing 92 pounds of butterfat. The production of their dams veraged 1,560 pounds of milk, testing 5.8 percent, containing 90 pounds of butterfat.

Goat records have been reported for use in proving sires from herds in assachusetts, New York, Pennsylvania, Kansas, and Nebraska.

98,251 Lactation Records Reported During First Quarter of 1949

More 305-day lactation records were reported for use in proving DHIA sires uring the first 3 months of 1949 than in any similar period. Association supervisors eported a total of 93,670 records and the American Dairy Cattle Club, Ayrshire reeders' Association, and Brown Swiss Cattle Breeders' Association reported a total f 4,581 Herd Test Records for the grand total of 98,251 records.

Wisconsin led the States in number of records reported, with a total of 14,483. ew York was second with 13,052, and Pennsylvania was third with 12,551.

West Virginia led the States in percentage of records reported. Seventeen tates reported a total number of production records equal to 10 percent or more of he cows on test. They are:

est Virginia------19.6	Virginia--------13.1	Nebraska---------10.5
isconsin----------17.7	Maryland--------12.9	Kansas----------10.3
regon----------16.9	New York--------12.9	Maine----------10.3
ennsylvania-------16.1	North Dakota----12.1	Mississippi------10.3
innesota----------14.4	Michigan--------11.3	Massachusetts----10.0
owa----------13.2	Ohio----------10.6	

The table on page 2 shows the number of records reported during the first months of 1949, by States.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1948 AND 1949

	First 3 months of 1949							1948		
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by -				Records returned 4/	Cows for which production records were reported 2/	
				American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association				
	Number	Number	Percent	Number	Number	Number		Number	Number	Percent
Maine	8,617	880	10.3	0	21	0		50	5,112	55.0
N. H.	6,313	615	9.7	0	53	2		53	1,411	25.3
Vt.	27,828	2,345	8.4	11	86	15		207	10,389	50.6
Mass.	12,977	1,297	10.0	30	223	35		40	3,708	32.5
R. I.	1,709	0	-	0	51	0		0	3	.3
Conn.	12,278	470	3.8	0	161	42		94	4,651	41.6
N. Y.	101,074	13,052	12.9	536	619	67		346	22,133	25.3
Pa.	73,930	12,551	16.1	39	414	23		417	31,211	43.9
N. J.	21,176	1,680	7.9	0	12	21		82	7,010	33.1
Md.	17,835	2,292	12.9	57	153	0		110	7,902	49.3
Del.	2,059	110	5.3	12	13	0		17	1,212	57.7
Va.	34,063	4,470	13.1	0	0	0		192	15,491	48.5
W.Va.	5,558	1,091	19.6	0	36	3		31	4,034	66.8
Ky.	7,245	600	8.3	0	0	12		25	1,658	23.2
N. C.	6,226	330	5.3	0	65	0		15	707	12.3
S. C.	1,603	0	-	0	0	3		0	0	-
Ga.	4,213	384	9.1	7	0	0		14	714	17.4
Fla.	2,806	0	-	0	23	0		7	305	14.2
Ala.	0	30	-	0	0	0		3	10	-
Miss.	953	98	10.3	0	0	0		5	466	34.0
Tenn.	6,610	251	3.8	8	0	0		13	1,768	28.3
La.	2,133	107	5.0	0	0	0		3	117	5.3
Ark.	535	0	-	0	0	0		0	0	-
Ohio	22,839	2,416	10.6	4	295	49		113	5,996	24.9
Ind.	26,299	2,139	8.1	21	75	37		157	3,544	15.0
Ill.	37,205	3,215	8.6	45	46	184		147	10,564	30.6
Mich.	45,682	5,156	11.3	3	57	59		182	14,323	32.9
Wis.	81,783	14,483	17.7	28	89	178		377	30,838	38.5
Minn.	41,235	5,949	14.4	7	4	38		492	20,951	51.0
Iowa	36,037	4,741	13.2	0	34	124		142	17,203	48.8
Mo.	16,737	1,311	7.8	0	7	9		61	5,190	36.9
N.Dak.	1,244	151	12.1	0	0	0		4	761	74.0
S.Dak.	1,298	66	5.1	0	7	3		9	302	19.0
Nebr.	4,895	512	10.5	7	5	5		8	1,039	23.9
Kans.	13,183	1,363	10.3	0	92	9		114	5,929	51.7
Okla.	2,615	111	4.2	0	3	0		20	334	11.4
Texas	10,940	201	1.8	0	2	0		17	779	6.7
Mont.	4,224	98	2.3	0	4	0		3	395	9.2
Idaho	8,808	458	5.2	0	6	0		18	1,885	25.4
Wyo.	774	2	.3	0	0	0		0	27	-
Nev.	559	1	.2	0	0	0		0	49	5.6
Utah	9,719	268	2.8	0	0	0		12	1,419	14.5
Colo.	4,599	333	7.2	0	35	14		9	1,248	25.5
N. Mex.	1,531	58	3.8	0	0	0		5	329	23.2
Ariz.	10,179	235	2.3	0	0	0		13	690	8.7
Wash.	28,731	2,533	8.8	0	41	5		209	11,673	42.8
Ore.	17,723	2,987	16.9	0	13	8		70	6,613	47.1
Calif.	156,986	2,230	1.4	0	73	2		27	5,871	3.8
P. R.	0	0	-	0	0	0		0	0	-
Hawaii	373	0	-	0	0	0		0	0	-
U. S.	943,939	93,670	9.9	815	2,819	947		3,943	267,999	30.2

1/ Includes cows enrolled since January 1, 1949
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED IN MARCH 1949

Following is a list of 223 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in March 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The number following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ASH GROVE DEFERRED 70447----------	8 daughters--	10	6,975	4.3	301
Born, 3-18-42; proved, 3-14-49; dead; N. Y.	6 daughters--	7	7,260	4.4	319
Sire, 49831; dam, 149956.	6 dams-------	9	6,671	4.2	280
Herd Owner, Ash Grove Farms, Saratoga Springs.	Difference---	(4-4-4)	+589	+.2	+39
BAKER FARM STAR DOUGLAS 59614----------	8 daughters--	11	8,534	3.8	325
Born, 6-6-38; proved, 3-18-49;----; Vt.	8 dams-------	23	7,701	4.2	323
Sire, 41621; dam, 183472.	Difference---	(6-1-5)	+833	-.4	+2
Herd Owner, Lloyd W. Jewett, Chester Depot.					
BRONNER PRINCE DICK 67618----------	7 daughters--	7	6,195	4.3	264
Born, 7-8-41; proved, 3-9-49;----; N. Y.	7 dams-------	9	5,994	4.3	257
Sire, 51095; dam, 135970.	Difference---	(5-3-5)	+201	.0	+7
Herd Owner, Bronner Farms Co., Inc., Little Falls.					
BURNSIDE AIR MARSHAL, IMP. 68387----------	10 daughters-	15	7,348	3.8	282
Born, 11-2-39; proved, 3-9-49; dead; Ohio.	6 daughters--	10	7,510	3.7	277
Sire, 63134; dam, 281037.	6 dams-------	18	8,474	3.8	318
Herd Owner, West Unity Woolen Mills, West Unity.	Difference---	(1-3-1)	-964	-.1	-41
CAROLINA'S GAY BON 64753----------	7 daughters--	11	6,458	4.4	284
Born, 3-10-40; proved, 3-18-49;----; N. C.	7 dams-------	16	8,077	4.0	325
Sire, 55605; dam, 192990.	Difference---	(1-6-2)	-1,619	+.4	-41
Herd Owner, Long Creek Lodge, Devotion.					
CORNELL DOUGLAS PAT 62186----------	6 daughters--	6	7,049	4.1	288
Born, 6-29-39; proved, 3-18-49; dead; N. Y.	5 daughters--	5	7,095	4.1	292
Sire, 52393; dam, 179694.	5 dams-------	14	8,027	3.9	316
Herd Owner, Lorenzo Niles, Cazenovia.	Difference---	(0-4-1)	-932	+.2	-24
CREDHOLME STEAMER 2D, IMP. 68502----------	22 daughters-	42	8,503	4.1	346
Born, 10-15-35; proved, 3-14-49; alive; Wis.	14 daughters-	20	8,563	4.1	349
Sire, 64576; dam, 203400.	14 dams------	40	8,201	3.7	307
Herd Owner, Ban Tara Farms, Hudson.	Difference---	(8-13-10)	+362	+.4	+42
CREST BOURN HARLEY 71191----------	5 daughters--	6	8,896	4.2	371
Born, 3-30-42; proved, 3-18-49; alive; N. Y.	5 dams-------	20	9,626	4.0	383
Sire, 59970; dam, 116794.	Difference---	(0-3-2)	-730	+.2	-12
Used in Massachusetts A. B. A., Inc., Mass.					
GALNEY FASCINATOR 65552----------	7 daughters--	10	8,482	4.1	346
Born, 2-28-40; proved, 3-9-49; dead; N. Y.	7 dams-------	12	8,827	3.9	343
Sire, 44619; dam, 188587.	Difference---	(5-5-5)	-345	+.2	+3
Herd Owner, Thomas Moran & Sons, Avon.					
HYBROOK SURELY'S SATISFACTION 65697----------	6 daughters--	9	8,454	3.9	331
Born, 6-27-40; proved, 3-18-49;----; Conn.	5 daughters--	7	8,487	3.9	330
Sire, 58372; dam, 144420.	5 dams-------	14	8,405	3.9	326
Herd Owner, High Brook Farm, Litchfield.	Difference---	(4-3-3)	+82	.0	+4
KING LETO STAR (TWIN) 55033 *12----------	43 daughters-	102	9,539	4.3	408
Born, 9-1-36; proved, 3-17-49;----; N. Y.	24 daughters-	59	10,057	4.3	428
Sire, 35805; dam, 144686.	24 dams------	67	10,955	3.8	420
Used in Nepa Co-op. A. B. A., Pa.	Difference---	(5-21-15)	-898	+.5	+8
PENN AYR RANGER 66820----------	15 daughters-	24	8,796	4.2	369
Born, 1-3-41; proved, 3-14-49;----; Md.	9 daughters--	16	8,257	4.1	338
Sire, 54064; dam, 154369.	9 dams-------	19	8,420	3.6	306
Used in Maryland Co-op. A. B. A., Inc.	Difference---	(3-9-4)	-163	+.5	+32
STRATHGLASS TRUE LINE 65599----------	6 daughters--	9	8,812	4.1	364
Born, 11-10-40; proved, 3-31-49;----; Conn.	6 dams-------	25	11,124	4.1	457
Sire, 51655; dam, 194881.	Difference---	(1-4-1)	-2,312	.0	-93
Used in Massachusetts A. B. A., Inc., Mass.					
TOLL GATE SIR ROBERT 72686 *(Sept. 1948)----------	21 daughters-	29	10,595	4.1	436
Born, 9-2-41; proved, 3-23-49;----; Conn.	21 dams------	87	10,759	4.0	427
Sire, 46463; dam, 112025.	Difference---	(11-18-12)	-164	+.1	+9
Herd Owner, Toll Gate Farm, Litchfield.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
VISTA GRANDE EL CHICO 63144 *12----------	21 daughters-	41	8,945	4.3	383
Born, 11-29-39; proved, 3-31-49;----; N. Y.	20 daughters-	40	8,976	4.3	385
Sire, 55678; dam, 148607.	20 dams------	67	9,760	4.1	399
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(8-14-8)	-784	+.2	-14

BROWN SWISS SIRES

ALVA'S ROYAL LAD OF LEE'S HILL 48097 *(Aug. 1948)----------	13 daughters-	18	9,577	4.2	404
Born, 8-14-40; proved, 3-24-49; dead; S. Dak.	13 dams------	45	11,428	4.0	461
Sire, 28594; dam, 46791.	Difference---	(3-10-3)	-1,851	+.2	-57
Used in South Dakota Co-op. A. B. A.					
BUTTERNUT SUE'S GIGOLO 55166----------	9 daughters--	11	11,181	4.1	464
Born, 8-17-41; proved, 3-18-49;----; Ill.	5 daughters--	6	13,076	4.0	522
Sire, 34119; dam, 54149.	5 dams-------	16	12,301	4.3	532
Herd Owner, Reinhard Gerdes, Princeton.	Difference---	(3-0-3)	+775	-.3	-10
COLONEL HARRY OF J. B. 48672 *12----------	72 daughters-	92	11,795	4.3	508
Born, 10-28-40; proved, 3-23-49;----; Conn.	65 daughters-	85	11,881	4.3	514
Sire, 34504; dam, 29496.	65 dams------	248	11,518	4.1	478
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(35-53-40)	+363	+.2	+36
DAISY'S CHAMPION BARON 48160----------	5 daughters--	5	11,162	3.9	435
Born, 6-22-40; proved, 3-7-49; alive; Iowa.	5 dams-------	26	10,829	3.8	408
Sire, 25046; dam, 47946.	Difference---	(3-4-3)	+333	+.1	+27
Used in Dairy Genetics, Inc. (A. B. A.).					
DARLENE'S SUPREME OF SHARON 53716 *(Aug. 1948)----------	9 daughters--	13	11,410	4.2	483
Born, 4-28-41; proved, 3-9-49; alive; Ohio.	9 dams-------	27	10,282	4.0	416
Sire, 40008; dam, 67801.	Difference---	(5-8-6)	+1,128	+.2	+67
Used in Northern Ohio Co-op. A. B. A.					
DOTTIE'S FOXWOOD GLORY 61890 *(May 1948)----------	20 daughters-	25	14,134	3.7	524
Born, 10-23-41; proved, 3-14-49; alive; Mich.	19 daughters-	24	14,080	3.7	522
Sire, 40472; dam, 46835.	19 dams------	62	11,241	3.8	422
Herd Owner, Gotfredson Farms, Grass Lake.	Difference---	(15-10-14)	+2,839	-.1	+100
HAZEL'S VICTORY 59[illegible]----------	5 daughters--	5	13,766	3.9	531
Born, 7-16-42; proved, 3-30-49; alive; Nebr.	5 dams-------	15	10,928	4.0	433
Sire, 43899; dam, [illegible]6397.	Difference---	(4-2-4)	+2,838	-.1	+98
Used in Douglas Co-op. A. B. A.					
JUDD'S BRIDGE BARON 47468 *12----------	17 daughters-	31	9,939	4.1	405
Born, 7-8-40; proved, 3-15-49; alive; N. Y.	16 daughters-	29	9,862	4.1	401
Sire, 31653; dam, 33133.	16 dams------	88	10,330	4.1	425
Herd Owner, Edmond Schillawski, Auburn.	Difference---	(7-8-8)	-468	.0	-24
MELANIE'S ROYAL OF LEE'S HILL 48098 *11----------	19 daughters-	33	11,957	4.1	490
Born, 10-29-40; proved, 3-9-49;----; Wis.	19 dams------	74	12,073	3.8	456
Sire, 28594; dam, 60600.	Difference---	(11-18-14)	-116	+.3	+34
Herd Owner, Dr. Roy T. Hanson, Hartland.					
V. B. ROYAL VOGEL 50600 *12----------	17 daughters-	23	10,242	3.8	385
Born, 9-18-40; proved, 3-14-49; dead; Wis.	16 daughters-	22	10,627	3.8	399
Sire, 34432; dam, 55223.	16 dams------	68	10,105	3.8	383
Herd Owner, Jake Voegeli & Brothers, Monticello.	Difference---	(7-7-8)	+522	.0	+16

GUERNSEY SIRES

ALADDIN'S GOLDEN VICTORY 253178 *10----------	15 daughters-	23	9,698	4.9	479
Born, 5-31-37; proved, 3-24-49; alive; N. J.	10 daughters-	15	9,619	5.0	477
Sire, 166071; dam, 338138.	10 dams------	28	9,293	5.0	467
Used in Plainsboro A. B. A.	Difference---	(6-4-7)	+326	.0	+10
ALERT PRINCE OF ROSE HILL 303154 *(Feb. 1948)----------	16 daughters-	19	11,118	4.8	528
Born, 3-14-41; proved, 3-10-49; alive; Iowa.	16 dams------	80	10,335	4.8	494
Sire, 225826; dam, 639956.	Difference---	(9-9-10)	+783	.0	+34
Used in Eastern Iowa A. B. A.					
ARGILLA BARON 303942 *12----------	38 daughters-	52	8,209	5.1	422
Born, 12-6-40; proved, 3-8-49; dead; Calif.	37 daughters-	51	8,231	5.1	423
Sire, 270988; dam, 526748.	37 dams------	184	7,319	4.8	348
Herd Owner, C. M. Morelli, Petaluma.	Difference---	(27-32-31)	+912	+.3	+75
BEAUTY'S COUNTRY LAD 255864----------	5 daughters--	7	6,598	5.2	346
Born, 9-14-36; proved, 3-10-49;----; Pa.	5 dams-------	23	7,300	4.9	357
Sire, 220790; dam, 406066.	Difference---	(2-4-2)	-702	+.3	-11
Herd Owner, Don McKeehen, Kerrmoor.					

JERSEY SIRES	[illegible]	[illegible] averaged	[illegible]	[illegible]	[illegible]
	[illegible]	Number	Pounds	Percent	[illegible]
[illegible] PRINCE GEORGE [illegible]	10 daughters-	12	[illegible]	[illegible]	[illegible]
[illegible]; Wis.	[illegible]	6	6,887	4.8	[illegible]
[illegible]	[illegible]	18	[illegible]	[illegible]	379
[illegible]	[illegible]	(0-2-2)	-1,186	+.1	-46
BOULDER BRIDGE SUNLIGHT 274911 *(June 1948)	17 daughters-	26	7,610	5.0	382
Born, [illegible]; proved, 3-[illegible]-49;----; Minn.	14 daughters-	23	7,879	5.1	401
Sire, 2[illegible]36; dam, 524102.	14 dams------	33	9,094	4.9	[illegible]
Used in Badger Co-op. A. B. A., Wis.	Difference---	(4-9-6)	-1,215	+.2	-42
BROADLAND EMBLEM 285837	15 daughters-	17	8,376	4.8	399
Born, 11-15-39; proved, 3-21-49;----; Md.	10 daughters-	11	8,294	4.8	396
Sire, 232361; dam, 362015.	10 dams------	11	7,735	4.9	381
Herd Owner, Eugene M. & Esther P. Callis, Church Hill.	Difference---	(8-5-6)	+559	-.1	+15
CESOR JUPITER'S MANUEL 265602 *10	15 daughters-	31	9,624	4.7	456
Born, 8-31-37; proved, 3-17-49; alive; Iowa.	14 daughters-	27	9,792	4.7	465
Sire, 151542; dam, 411801.	14 dams------	43	8,881	4.8	426
Used in Eastern Iowa A. B. A., Inc.	Difference---	(10-7-10)	+911	-.1	+39
CESOR NEPTUNE 284186 *12	25 daughters-	43	8,932	5.1	454
Born, 9-10-39; proved, 3-31-49;----; Mich.	23 daughters-	40	8,966	5.1	454
Sire, 255917; dam, 596674.	23 dams------	73	8,304	4.9	409
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(13-14-14)	+662	+.2	+45
CLERMONT MOONBEAM 322028	13 daughters-	16	7,739	5.3	411
Born, 11-22-41; proved, 3-22-49; alive; Iowa.	12 daughters-	15	7,739	5.3	414
Sire, 284597; dam, 699988.	12 dams------	25	6,805	5.1	345
Used in Dairy Genetics, Inc. (A. B. A.).	Difference---	(7-9-8)	+934	+.2	+69
COLDSPRING'S ROYAL'S DUKE 271735	11 daughters-	26	8,978	4.8	427
Born, 2-28-39; proved, 3-15-49;----; Pa.	6 daughters--	13	9,384	4.8	447
Sire, 249227; dam, 443241.	6 dams-------	22	9,724	4.6	445
Herd Owner, Edward C. Riley, Lumberville.	Difference---	(2-5-3)	-340	+.2	+2
DEERSHORN IDOL'S FOREMOST 273681	9 daughters--	10	7,126	4.8	339
Born, 1-28-39; proved, 3-15-49;----; Maine.	7 daughters--	8	7,392	4.7	349
Sire, 258935; dam, 465252.	7 dams-------	7	7,308	5.1	371
Herd Owner, Nelson E. Fuller, Livermore Falls.	Difference---	(3-3-4)	+84	-.4	-22
DORY'S GOLDEN TOP OF GLADEDALE 295238	6 daughters--	12	7,014	5.4	377
Born, 7-7-40; proved, 3-25-49;----; Pa.	5 daughters--	10	6,933	5.3	364
Sire, 228454; dam, 397431.	5 dams-------	13	7,155	5.1	365
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(1-3-2)	-222	+.2	-1
ETTA'S BRIGHT LAD 324621	8 daughters--	11	7,314	4.8	348
Born, 9-26-42; proved, 3-8-49; alive; Md.	6 daughters--	8	7,434	4.7	351
Sire, 276038; dam, 637453.	6 dams-------	10	6,196	4.8	295
Herd Owner, Jacob L. Shoemaker, Hagerstown.	Difference---	(3-3-4)	+1,238	-.1	+56
FELLOWSHIP'S MEADOW LEA 201879	10 daughters-	24	6,487	4.7	303
Born, 4-7-32; proved, 3-9-49;----; Pa.	5 daughters--	11	6,227	4.8	300
Sire, 161443; dam, 168108.	5 dams-------	16	8,566	5.1	437
Herd Owner, Wealwood Farm, Landenberg.	Difference---	(0-1-0)	-2,339	-.3	-137
FERN'S BONNY LAD 266471 *12	24 daughters-	55	8,561	4.8	407
Born, 6-6-38; proved, 3-22-49;----; Pa.	23 daughters-	51	8,542	4.7	404
Sire, 214299; dam, 462329.	23 dams------	114	8,350	4.9	406
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(11-9-11)	+192	-.2	-2
FOREMOST STARSHOOT 260090 *12	30 daughters-	61	7,528	4.8	363
Born, 3-21-37; proved, 3-15-49;----; Conn.	22 daughters-	48	7,783	4.8	370
Sire, 212227; dam, 407822.	22 dams------	53	8,254	4.7	392
Used in Connecticut A. B. A., Inc.	Difference---	(8-14-10)	-471	+.1	-22
FORWARD FARMS VAGABOND 312690 *(Aug. 1948)	12 daughters-	15	7,882	4.7	372
Born, 9-24-41; proved, 3-21-49; alive; Vt.	12 dams------	64	6,939	4.8	333
Sire, 287358; dam, 264962.	Difference---	(10-7-11)	+943	-.1	+39
Used in New Hampshire A. B. A., N. H.					
FRANCHESTER NOVEL KING 291670 *(May 1948)	10 daughters-	12	7,890	4.9	387
Born, 2-8-40; proved, 3-10-49; dead; Ind.	8 daughters--	10	8,289	4.8	397
Sire, 257891; dam, 248794.	8 dams-------	19	8,706	4.8	421
Herd Owner, Claude L. Mangas, Union City.	Difference---	(3-5-2)	-417	.0	-24
FRITZLYN PROUD VALOR 259162	7 daughters--	13	7,787	5.1	394
Born, 1-13-38; proved, 3-18-49;----; Pa.	6 daughters--	10	7,959	5.0	402
Sire, 214206; dam, 341531.	6 dams-------	23	9,001	4.5	403
Herd Owner, J. Carl Schott & Thomas M. Hughes, Derry.	Difference---	(1-6-3)	-1,042	+.5	-1
GLENBURNIE MAJOR 250912 *8	20 daughters-	48	8,044	4.9	[illegible]
Born, 11-11-36; proved, 3-31-49;----; N. J.	20 dams------	78	7,919	4.6	[illegible]
Sire, 205708; dam, 411383.	Difference---	(9-16-8)	+125	+.3	+30
Used in Plainsboro A. B. A.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HIGHLAND O'S MERRY CHERUB 313215----------	7 daughters--	8	8,445	4.4	369
Born, 12-3-41; proved, 3-31-49;----; Del.	5 daughters--	5	9,403	4.3	405
Sire, 206358; dam, 472008.	5 dams-------	9	7,720	4.2	325
Used in Delaware Co-op. A. B. A., Inc.	Difference---	(3-3-4)	+1,683	+.1	+80
HIGHLAND PLACE CHERUB RAIDER 252859----------	6 daughters--	7	9,738	4.6	447
Born, 3-3-37; proved, 3-15-49;----; Iowa.	5 daughters--	6	9,611	4.5	436
Sire, 128041; dam, 291621.	5 dams-------	20	8,572	5.1	440
Herd Owner, W. P. Gannon & Son, Valeria.	Difference---	(3-0-3)	+1,039	-.6	-4
HORSE SHOE F DONALD 309779----------	14 daughters-	15	7,900	4.6	365
Born, 12-3-41; proved, 3-17-49;----; Conn.	13 daughters-	14	7,880	4.7	368
Sire, 257351; dam, 537381.	13 dams------	31	8,173	4.5	369
Used in Connecticut A. B. A., Inc.	Difference---	(5-10-6)	-293	+.2	-1
IDYLBROOK BURT 334545----------	9 daughters--	9	9,226	4.9	455
Born, 12-4-42; proved, 3-24-49;----; N. Y.	9 dams-------	27	9,891	4.5	449
Sire, 289248; dam, 585918.	Difference---	(3-7-4)	-665	+.4	+6
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).					
KENFLEUR'S ALERT LADDIE 301080 *12----------	14 daughters-	22	9,165	4.7	430
Born, 12-26-40; proved, 3-25-49;----; Iowa.	11 daughters-	17	9,566	4.6	443
Sire, 198651; dam, 384059.	11 dams------	34	8,780	4.9	430
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).	Difference---	(8-5-7)	+786	-.3	+13
LANGWATER AGAWAM 294225 *12----------	17 daughters-	33	8,814	4.7	414
Born, 5-7-40; proved, 3-17-49;----; Mass.	16 daughters-	31	8,862	4.7	416
Sire, 252899; dam, 457751.	16 dams------	58	7,986	4.6	371
Used in Indiana A. B. A., Ind.	Difference---	(10-11-12)	+876	+.1	+45
MAJOR HEROD OF HICKORY GROVE 250170----------	11 daughters-	14	8,405	5.1	432
Born, 2-5-37; proved, 3-18-49;----; Mich.	9 daughters--	12	8,380	5.1	431
Sire, 209639; dam, 395589.	9 dams-------	38	8,953	4.8	433
Herd Owner, John A. Stump & Sons, Sodus.	Difference---	(3-6-4)	-573	+.3	-2
MASTERFUL'S JOHN OF HILLSIDE 260741 *12----------	22 daughters-	62	9,191	5.1	467
Born, 4-23-38; proved, 3-28-49;----; Pa.	22 dams------	129	9,190	4.7	432
Sire, 207765; dam, 394960.	Difference---	(13-20-17)	+1	+.4	+35
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).					
MCDONALD FARMS BEAU BRUMMEL 249620 *(June 1948)----------	23 daughters-	27	7,608	4.8	369
Born, 3-10-36; proved, 3-29-49;----; Wis.	19 daughters-	23	7,443	4.9	363
Sire, 212227; dam, 389686.	19 dams------	60	6,840	4.9	337
Used in University of Wisconsin (A. B. A.).	Difference---	(13-9-11)	+603	.0	+26
MCDONALD FARMS DEVELOPER 274206----------	10 daughters-	19	10,293	4.9	502
Born, 11-6-38; proved, 3-10-49; alive; Wash.	8 daughters--	13	9,939	4.9	490
Sire, 212227; dam, 389686.	8 dams-------	34	11,037	4.5	500
Herd Owner, Friedricks Brothers, Bow.	Difference---	(4-8-6)	-1,098	+.4	-10
MCDONALD FARMS FARMER 291827 *12----------	17 daughters-	25	6,785	4.9	332
Born, 1-7-40; proved, 3-15-49;----; Maine.	14 daughters-	19	6,927	4.9	340
Sire, 233983; dam, 505152.	14 dams------	42	6,528	4.8	314
Herd Owner, Floyd R. Pickard & Sons, Bangor.	Difference---	(8-9-8)	+399	+.1	+26
MCDONALD FARMS FOWLER 289537 *12----------	18 daughters-	31	7,875	4.8	375
Born, 4-4-40; proved, 3-29-49;----; Wis.	15 daughters-	25	7,707	4.8	367
Sire, 233983; dam, 557951.	15 dams------	41	6,802	4.9	330
Used in Badger Co-op. A. B. A.	Difference---	(8-6-11)	+905	-.1	+37
MCDONALD FARMS HIGH BOY 332293----------	11 daughters-	14	8,533	5.0	429
Born, 12-9-42; proved, 3-17-49;----; Pa.	9 daughters--	12	8,420	5.0	417
Sire, 280641; dam, 447553.	9 dams-------	24	8,525	4.8	409
Used in Nepa Co-op. A. B. A.	Difference---	(6-8-6)	-105	+.2	+8
MEADOW LODGE FAVOR 274908----------	20 daughters-	26	6,784	5.1	344
Born, 1-15-39; proved, 3-17-49;----; Kans.	8 daughters--	8	7,110	5.0	352
Sire, 247154; dam, 496819.	8 dams-------	13	8,675	4.7	404
Herd Owner, W. W. Graber, Pretty Prairie.	Difference---	(1-5-2)	-1,565	+.3	-52
MOBJACK ACE 286651----------	8 daughters--	14	6,297	5.0	314
Born, 11-18-38; proved, 3-21-49;----; Va.	5 daughters--	10	6,531	5.1	333
Sire, 199862; dam, 387716.	5 dams-------	16	7,264	5.1	372
Herd Owner, Mobjack Farm, Port Haywood.	Difference---	(2-2-1)	-733	.0	-39
NELAN'S KAY'S AMBASSADOR 313014----------	10 daughters-	14	8,443	5.0	425
Born, 11-5-40; proved, 3-9-49; alive; Pa.	10 dams------	47	8,205	4.8	393
Sire, 278988; dam, 576838.	Difference---	(7-9-7)	+238	+.2	+32
Used in Western Pennsylvania Co-op. A. B. A.					
NORMANDY GENERAL 318308 *(June 1948)----------	9 daughters--	14	6,870	5.2	355
Born, 10-20-41; proved, 3-29-49;----; Wis.	8 daughters--	13	6,808	5.2	353
Sire, 296533; dam, 578206.	8 dams-------	33	8,629	5.1	441
Used in Badger Co-op. A. B. A.	Difference---	(1-4-0)	-1,821	+.1	-88

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OLD FARMSTEAD LEADER 281023 *11----------	17 daughters-	30	9,112	5.1	463
Born, 7-27-39; proved, 3-30-49;----; Iowa.	17 dams------	56	8,551	4.8	411
Sire, 185999; dam, 539975.	Difference---	(11-14-12)	+561	+.3	+52
Used in Tri-State Co-op. A. B. A., Wis.					
RAEMELTON ROYAL DEAN 249987----------	9 daughters--	11	7,898	4.6	363
Born, 1-1-37; proved, 3-17-49; dead; Ohio.	6 daughters--	8	7,856	4.5	357
Sire, 197342; dam, 359567.	6 dams-------	13	8,143	4.7	380
Herd Owner, George C. Brewer, Greenville.	Difference---	(2-3-1)	-287	-.2	-23
RAEMELTON TRIUMPH PREEMINEN 286292----------	8 daughters--	11	8,204	4.8	391
Born, 1-22-39; proved, 3-15-49;----; Ohio.	5 daughters--	7	7,511	4.9	366
Sire, 227565; dam, 448302.	5 dams-------	10	8,815	4.5	400
Herd Owner, Walter Lemley, Fredericktown.	Difference---	(1-5-1)	-1,304	+.4	-34
RANSOM PANSY'S PHILOSOPHER 288479 *12----------	14 daughters-	20	6,942	4.7	327
Born, 5-29-40; proved, 3-8-49; dead; Kans.	12 daughters-	17	6,934	4.7	326
Sire, 245808; dam, 561528.	12 dams------	47	7,102	4.9	348
Herd Owner, Edward Dickerson, Parsons.	Difference---	(6-6-6)	-168	-.2	-22
RIDGLYDALE'S ACE CHALLENGER 270666 *11----------	16 daughters-	23	7,559	5.0	377
Born, 3-17-38; proved, 3-8-49; alive; Iowa.	16 dams------	77	8,318	4.6	383
Sire, 222706; dam, 433475.	Difference---	(6-13-8)	-759	+.4	-6
Used in Dairy Genetics, Inc. (A. B. A.).					
ROCKVILLE DUKE'S KING 286450----------	14 daughters-	20	7,100	4.3	305
Born, 11-25-39; proved, 3-21-49;----; Wis.	13 daughters-	18	7,181	4.3	307
Sire, 250257; dam, 566725.	13 dams------	61	7,645	4.8	363
Herd Owner, George F. Mattes & Son, Kiel.	Difference---	(5-1-3)	-464	-.5	-56
ROMANY WOODS ROYAL 302812 *12----------	10 daughters-	17	8,286	5.2	432
Born, 9-29-39; proved, 3-15-49; dead; Mich.	9 daughters--	15	8,295	5.2	433
Sire, 250855; dam, 491358.	9 dams-------	52	9,327	4.8	446
Herd Owner, H. R. Hodges & Son, Rochester.	Difference---	(2-9-5)	-1,032	+.4	-13
SHANTITUCK DAISY'S MIDNIGHT 321378----------	11 daughters-	12	7,340	5.1	377
Born, 1-1-42; proved, 3-25-49;----; Wis.	8 daughters--	9	7,562	5.1	386
Sire, 258560; dam, 433538.	8 dams-------	18	7,058	4.7	328
Used in Badger Co-op. A. B. A.	Difference---	(4-6-6)	+504	+.4	+58
SONNY BOY OF WOODHULL 211100----------	6 daughters--	6	8,690	4.4	378
Born, 3-28-32; proved, 3-10-49; dead; Mich.	5 daughters--	5	8,811	4.3	379
Sire, 169728; dam, 297231.	5 dams-------	7	7,104	4.5	320
Herd Owner, Emerson Dairy, Romulus.	Difference---	(5-2-4)	+1,707	-.2	+59
SPAR HILL MONARCH 285839 *12----------	17 daughters-	25	6,742	5.3	359
Born, 8-29-39; proved, 3-25-49;----; Minn.	15 daughters-	23	6,735	5.3	356
Sire, 249489; dam, 580283.	15 dams------	60	6,727	5.0	338
Used in Badger Co-op. A. B. A., Wis.	Difference---	(8-11-8)	+8	+.3	+18
SUNSET GLOW EMPEROR 338402----------	6 daughters--	9	9,009	4.7	422
Born, 1-8-43; proved, 3-31-49;----; Wis.	6 dams-------	24	8,491	4.7	395
Sire, 280743; dam, 480669.	Difference---	(4-3-4)	+518	.0	+27
Used in Dane-Iowa Co-op. A. B. A.					
TARBELL FARMS ROYAL HAMBRO 298643 *12----------	28 daughters-	55	7,076	4.6	324
Born, 3-15-40; proved, 3-21-49; dead; Pa.	20 daughters-	45	7,226	4.6	332
Sire, 130308; dam, 342487.	20 dams------	55	7,683	4.9	380
Herd Owner, Edwin S. Hooker & J. T. Adams, Belleville.	Difference---	(8-4-2)	-457	-.3	-48
TWO BROOKS BUTTERFAT COUNT 286560----------	10 daughters-	12	7,581	5.0	378
Born, 2-25-40; proved, 3-25-49;----; Minn.	5 daughters--	5	7,157	5.2	374
Sire, 192478; dam, 557540.	5 dams-------	11	8,013	4.9	390
Used in Barnum A. B. A.	Difference---	(1-4-2)	-856	+.3	-16
WETHERSFIELD MAJESTY 332819----------	8 daughters--	8	10,247	4.7	483
Born, 10-28-42; proved, 3-31-49;----; Maine.	8 dams-------	13	7,786	4.9	385
Sire, 276283; dam, 523912.	Difference---	(7-2-7)	+2,461	-.2	+98
Herd Owner, Hidden Acres, Farmington.					
WEY ACRES AUBRIETIA'S GRAND 273331 *10----------	26 daughters-	59	8,619	4.8	410
Born, 9-7-38; proved, 3-25-49;----; Iowa.	18 daughters-	45	8,647	4.8	415
Sire, 227277; dam, 349664.	18 dams------	42	7,889	4.8	381
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).	Difference---	(14-10-14)	+758	.0	+34

HOLSTEIN SIRES

ALBERTVILLE BURKE SNOWBALL ROY 808496 *(Feb. 1948)---------	19 daughters-	27	10,522	3.7	386
Born, 6-3-40; proved, 3-28-49;----; Wis.	9 daughters--	12	10,720	3.7	394
Sire, 742522; dam, 1361950.	9 dams-------	23	11,188	3.4	380
Used in Tri-State Co-op. A. B. A.	Difference---	(3-8-3)	-468	+.3	+14

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ADMIRAL [illegible]	[illegible] daughters-	27	13,498	3.6	492
Born, [illegible]; proved, 3-28-49;----; Wis.	[illegible] daughters--	16	13,485	3.6	482
Sire, [illegible]; dam, 2041864.	[illegible] dams-------	12	11,917	3.5	420
Used in Wis. Scientific Breeding Institute (A. B. A.).	Difference---	(7-7-8)	+1,568	+.1	+72
BAKER FARM GOLD SEAL 733976 *11	37 daughters-	69	11,854	3.5	415
Born, [illegible]36; proved, 3-23-49;----; Pa.	37 dams------	139	12,077	3.5	419
Sire, 6[illegible]1697; dam, 1754786.	Difference---	(17-23-15)	-223	.0	-4
Used in Western Pennsylvania Co-op. A. B. A.					
BARTA ORMSBY FOBES 850298 *(May 1948)	12 daughters-	16	14,672	3.5	518
Born, 4-28-42; proved, 3-29-49;----; Minn.	12 dams------	41	14,695	3.3	478
Sire, 797960; dam, 1490929.	Difference---	(5-12-8)	-23	+.2	+40
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).					
BELLE CREST KENT REUBEN 799356 *12	12 daughters-	14	12,836	3.8	492
Born, 3-1-40; proved, 3-10-49; dead; N. Y.	12 dams------	45	13,287	3.5	469
Sire, 611511; dam, 1530128.	Difference---	(4-9-9)	-451	+.3	+23
Herd Owner, William F. Vollmer, Akron.					
BESSLYN JASPER ORMSBY FOBES 790365 *12	11 daughters-	12	12,643	3.7	462
Born, 12-1-39; proved, 3-28-49;----; Wis.	10 daughters-	11	12,974	3.6	472
Sire, 711381; dam, 1874440.	10 dams------	48	10,854	3.5	382
Used in East Central Co-op. A. B. A.	Difference---	(10-7-9)	+2,120	+.1	+90
BLYTHEFIELD MOOIE TRIUNE 714974 *(June 1948)	23 daughters-	32	11,965	3.4	410
Born, 5-26-35; proved, 3-31-49;----; Mich.	9 daughters--	10	11,862	3.6	423
Sire, 579343; dam, 1308200.	9 dams-------	25	11,736	3.5	409
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-6-5)	+126	+.1	+14
BURKE PIETJE VEEMAN 802700 *12	[illegible] daughters-	18	12,509	3.5	440
Born, 4-20-40; proved, 3-17-49; dead; N. Y.	9 daughters--	17	12,675	3.5	447
Sire, 766206; dam, 1760369.	9 dams-------	24	13,301	3.3	438
Herd Owner, William A. Ashford, Lyons.	Difference---	(3-9-5)	-626	+.2	+9
CANDIDATE CREATOR 804697 *12	19 daughters-	36	9,974	3.4	337
Born, 1-31-40; proved, 3-21-49;----; Pa.	15 daughters-	28	10,091	3.4	340
Sire, 734510; dam, 1551254.	15 dams------	27	12,299	3.4	415
Herd Owner, Wernersville State Hospital, Wernersville.	Difference---	(3-7-3)	-2,208	.0	-75
CARNATION DESIGN 784721	6 daughters--	6	12,529	3.5	444
Born, 5-29-39; proved, 3-29-49;----; Wis.	6 dams-------	21	14,339	3.5	503
Sire, 629472; dam, 1820811.	Difference---	(2-4-2)	-1,810	.0	-59
Used in East Central Co-op. A. B. A.					
CARNATION SUNNYSLOPE GOVERNOR 764799	14 daughters-	18	11,507	3.9	446
Born, 2-22-38; proved, 3-28-49; dead; Nebr.	7 daughters--	10	12,958	3.7	480
Sire, 629472; dam, 1565782.	7 dams-------	19	11,041	3.7	411
Used in Douglas Co-op. A. B. A.	Difference---	(5-4-5)	+1,917	.0	+69
CHERRYBOLD ADMIRAL PERFECTION 848521	7 daughters--	9	12,288	3.5	432
Born, 2-15-42; proved, 3-22-49;----; Wis.	5 daughters--	7	12,598	3.5	436
Sire, 676723; dam, 2124025.	5 dams-------	14	10,042	3.5	350
Herd Owner, Geenen Brothers, Kaukauna.	Difference---	(4-4-4)	+2,556	.0	+86
CHERRYBOLD ENSIGN PRIDE 772579 *9	28 daughters-	51	12,080	3.5	423
Born, 3-25-38; proved, 3-31-49;----; Wis.	22 daughters-	39	12,358	3.5	435
Sire, 620728; dam, 1545476.	22 dams------	84	12,071	3.6	432
Used in Badger Co-op. A. B. A.	Difference---	(11-10-12)	+287	-.1	+3
CHIEF PIEBE NINE-O-FIVE RUBE COLAN 830323	7 daughters--	8	11,733	3.3	389
Born, 3-22-41; proved, 3-31-49;----; Md.	7 dams-------	23	11,957	3.3	400
Sire, 444088; dam, 1926280.	Difference---	(3-4-4)	-224	.0	-11
Herd Owner, Joseph D. Baker, Jr., Monkton.					
CHIEFTAIN POSCH HOMESTEAD 795259 *12	11 daughters-	19	10,429	3.8	392
Born, 3-22-40; proved, 3-10-49; dead; Iowa.	11 dams------	22	11,332	3.7	416
Sire, 749574; dam, 1656980.	Difference---	(4-6-3)	-903	+.1	-24
Used in Dairy Genetics, Inc. (A. B. A.).					
COLONY IANTHE JOHAN SIR HEILO 854923	6 daughters--	11	13,505	3.1	424
Born, 12-27-39; proved, 3-22-49;----; Ariz.	5 daughters--	8	13,368	3.1	417
Sire, 66155 CHB; dam, 251624 CHB.	5 dams-------	21	13,548	3.0	409
Herd Owner, Arizona State Teachers College, Tempe.	Difference---	(2-3-4)	-180	+.1	+8
COLONY VALE ABBEKERK SIR HEILO 807399 *12	34 daughters-	43	10,479	3.4	359
Born, 3-21-40; proved, 3-31-49;----; Wis.	25 daughters-	32	10,957	3.4	374
Sire, 467933; dam, 265674 CHB.	25 dams------	89	11,714	3.5	413
Used in University of Wisconsin (A. B. A.).	Difference---	(10-11-11)	-757	-.1	-39
COLONY VALE SIR ROMEO 4TH 8[illegible]252	12 daughters-	14	10,810	3.3	358
Born, 2-22-41; proved, 3-23-49;----; Wis.	8 daughters--	8	11,464	3.3	380
Sire, 124858 CHB; dam, 241313 CHB.	8 dams-------	23	11,312	3.5	396
Used in University of Wisconsin (A. B. A.).	Difference---	(5-4-4)	+152	-.2	-16

HOLSTEIN SIRES	Animals	Records averaged	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
CONOY HAZELDELL PREMIER 820715----------	5 daughters--	6	10,[illegible]	3.7	[illegible]
Born, 11-10-40; proved, 3-29-49;----; Pa.	5 dams-------	9	12,[illegible]	[illegible]	[illegible]
Sire, 723421; dam, 1955044.	Difference---	(1-3-1)	-2,[illegible]	[illegible]	[illegible]
Used in Southeastern Pennsylvania Co-op. A. B. A.					
CRESTLYN JOHANNA ORMSBY PRINCE 814676 *(Jan. 1949)---------	13 daughters-	18	11,404	3.6	416
Born, 11-8-40; proved, 3-31-49;----; Mich.	12 daughters-	17	11,571	3.6	421
Sire, 760242; dam, 1342247.	12 dams------	27	11,734	3.8	442
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-4-6)	-163	-.2	-21
CRESTON RAG APPLE PILOT 859216----------	5 daughters--	5	12,570	3.7	462
Born, 10-15-42; proved, 3-29-49;----; N. Y.	5 dams-------	20	11,788	3.3	390
Sire, 812000; dam, 1569339.	Difference---	(4-4-4)	+782	+.4	+72
Used in New York Co-op. A. B. A., Inc.					
DOUGVIC PATHFINDER JOHN 846325----------	11 daughters-	12	12,025	3.7	440
Born, 4-22-41; proved, 3-16-49; alive; Ill.	5 daughters--	6	11,126	3.6	406
Sire, 776238; dam, 1877672.	5 dams-------	7	12,362	3.7	461
Herd Owner, Fitchome Farm, Aurora.	Difference---	(0-3-1)	-1,236	-.1	-55
DUNLOGGIN BANMASTER 844854 *12----------	12 daughters-	17	11,550	3.7	429
Born, 2-21-42; proved, 3-22-49;----; Md.	10 daughters-	14	11,602	3.7	434
Sire, 667915; dam, 1765381.	10 dams------	27	11,190	3.8	420
Herd Owner, Cecil K. Holter, Jefferson.	Difference---	(6-5-6)	+412	-.1	+14
DUNLOGGIN WOODMASTER 667915----------	28 daughters-	60	13,565	3.6	488
Born, 1-7-33; proved, 3-31-49;----; N. Y.	5 daughters--	12	12,068	3.7	446
Sire, 491950; dam, 894462.	5 dams-------	11	11,388	3.4	390
Herd Owner, J. H. Cooper, Pleasant Valley.	Difference---	(1-5-4)	+680	+.3	+56
ELLINGDALE TIDY LYONS PRIDE 779567 *(June 1948)----------	17 daughters-	24	13,278	3.6	475
Born, 11-21-38; proved, 3-24-49;----; Wis.	12 daughters-	15	13,280	3.6	476
Sire, 714019; dam, 1257106.	12 dams------	27	12,647	3.6	452
Used in Wis. Scientific Breeding Institute, (A. B. A.).	Difference---	(8-9-8)	+633	.0	+24
FEMCO KORNDYKE ROYAL INKA 796016 *12----------	20 daughters-	28	10,794	3.7	398
Born, 4-22-40; proved, 3-25-49;----; Minn.	15 daughters-	23	10,917	3.7	405
Sire, 697000; dam, 1927393.	15 dams------	55	9,740	3.9	377
Used in South Dakota Co-op. A. B. A., S. Dak.	Difference---	(11-6-10)	+1,177	-.2	+28
FOBES RUBY BOY DIXIE 811414 *12----------	16 daughters-	23	15,024	3.4	515
Born, 11-21-40; proved, 3-31-49;----; Mich.	15 daughters-	21	14,928	3.4	513
Sire, 773513; dam, 1770094.	15 dams------	36	13,578	3.4	466
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(11-10-10)	+1,350	.0	+47
GENERAL MASTERPIECE HOMESTEAD 843968----------	7 daughters--	7	12,603	3.4	433
Born, 12-8-41; proved, 3-16-49; dead; Ariz.	6 daughters--	6	12,498	3.5	432
Sire, 803312; dam, 2024056.	6 dams-------	25	12,892	3.3	427
Herd Owner, C. L. Vizcaya & Sons, Glendale.	Difference---	(3-3-4)	-394	+.2	+5
GENODALE INKA VALENTINE 804388 *11----------	22 daughters-	40	12,222	3.4	414
Born, 2-14-40; proved, 3-15-49; alive; N. Y.	21 daughters-	37	12,420	3.4	419
Sire, 658861; dam, 1734164.	21 dams------	69	11,430	3.5	400
Herd Owner, J. H. Girts & Son, Jamestown.	Difference---	(14-10-12)	+990	-.1	+19
GILKEY FARMS COUNT 842256----------	19 daughters-	31	10,386	3.5	366
Born, 1-27-41; proved, 3-16-49;----; Iowa.	7 daughters--	11	10,104	3.5	358
Sire, 741680; dam, 1787370.	7 dams-------	14	9,420	3.5	326
Herd Owner, Charles Wilcox & Harold MacKean, Strawberry Point.	Difference---	(4-6-5)	+684	.0	+32
GILKEY FARMS CRAFTSMAN 827425 *12----------	9 daughters--	13	12,916	3.4	440
Born, 12-9-40; proved, 3-8-49; alive; Iowa.	8 daughters--	12	12,960	3.4	439
Sire, 770892; dam, 2039709.	8 dams-------	27	13,813	3.4	472
Used in Dairy Genetics, Inc. (A. B. A.).	Difference---	(2-4-2)	-853	.0	-33
GOVERNOR DAWN ACTOR 811487 *12----------	23 daughters-	37	11,165	3.7	416
Born, 7-1-40; proved, 3-30-49;----; Wis.	20 daughters-	33	11,300	3.7	422
Sire, 743882; dam, 1914317.	20 dams------	67	9,769	3.5	343
Used in Badger Co-op. A. B. A.	Difference---	(13-13-16)	+1,531	+.2	+79
GREENWOOD ORMSBY DELLA (TWIN) 772380 *11----------	29 daughters-	85	10,488	3.7	391
Born, 9-3-38; proved, 3-10-49; alive; Pa.	27 daughters-	81	10,359	3.7	386
Sire, 618582; dam, 1628992.	27 dams------	125	10,229	3.6	373
Used in New Hampshire A. B. A., N. H.	Difference---	(14-19-17)	+130	+.1	+13
HIS N O B S 799061 *12----------	9 daughters--	15	11,264	3.8	426
Born, 9-16-39; proved, 3-31-49; dead; Maine.	7 daughters--	10	11,512	3.8	436
Sire, 579109; dam, 1688465.	7 dams-------	18	11,049	3.4	377
Used in Maine Co-op. A. B. A.	Difference---	(5-7-6)	+463	+.4	+59
HOESLY HOMESTEAD CASCADE 780674 *12----------	20 daughters-	37	10,483	3.6	380
Born, 9-22-38; proved, 3-31-49;----; Wis.	20 dams------	82	10,470	3.5	368
Sire, 723295; dam, 1941760.	Difference---	(11-15-12)	+13	+.1	+12
Used in Badger Co-op. A. B. A.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HOESLY SNOWBALL JOE 790977 *(June 1948)----------	9 daughters--	13	11,905	3.5	422
Born, 11-22-39; proved, 3-29-49;----; Wis.	8 daughters--	12	11,686	3.6	417
Sire, 723295; dam, 1941770.	8 dams-------	26	12,521	3.5	432
Used in Badger Co-op. A. B. A.	Difference---	(3-5-5)	-835	+.1	-15
HUFFMAN CANARY JOE BEECHWOOD 845574----------	8 daughters--	9	11,056	3.5	385
Born, 12-30-40; proved, 3-22-49;----; Wis.	8 dams-------	30	9,530	3.4	321
Sire, 751434; dam, 1813210.	Difference---	(6-8-6)	+1,526	+.1	+64
Herd Owner, Arthur Bartlett, Monroe.					
IRVINGTON KOBA BOY 842506----------	9 daughters--	11	9,630	3.6	347
Born, 9-1-41; proved, 3-31-49;----; Md.	7 daughters--	8	9,240	3.6	334
Sire, 743790; dam, 2041999.	7 dams-------	26	12,363	3.4	423
Herd Owner, W. I. King, Gaithersburg.	Difference---	(0-7-2)	-3,123	+.2	-89
ISLAND CITY CRESTON JOE PRIDE 831821----------	13 daughters-	18	9,538	3.4	327
Born, 8-21-41; proved, 3-15-49;----; Mich.	7 daughters--	7	8,256	3.5	285
Sire, 755123; dam, 1469247.	7 dams-------	11	9,098	3.3	303
Herd Owner, Miller's Dairy Farms, Eaton Rapids.	Difference---	(3-4-3)	-842	+.2	-18
JOHN BESS BURKE 844130----------	6 daughters--	8	14,904	3.4	502
Born, 1-1-42; proved, 3-16-49;----; Minn.	5 daughters--	6	14,659	3.5	511
Sire, 802031; dam, 1974732.	5 dams-------	8	17,025	3.4	573
Herd Owner, Leonard Petermann, Hawley.	Difference---	(2-4-1)	-2,366	+.1	-62
JONABELL GENERAL 845913 *(Feb. 1948)----------	19 daughters-	27	12,892	3.4	442
Born, 4-23-42; proved, 3-10-49; alive; Iowa.	16 daughters-	22	13,166	3.4	445
Sire, 720861; dam, 1747161.	16 dams------	44	11,898	3.5	418
Used in Eastern Iowa A. B. A.	Difference---	(10-7-10)	+1,268	-.1	+27
KING ARROW AAGGIE 750349 *11----------	35 daughters-	92	11,218	3.7	411
Born, 2-2-37; proved, 3-30-49;----; Pa.	34 daughters-	91	11,358	3.7	416
Sire, 665641; dam, 1834855.	34 dams------	193	12,449	3.5	434
Used in Nepa Co-op. A. B. A.	Difference---	(10-28-16)	-1,091	+.2	-18
KING BESSIE KORNDYKE ORMSBY FOBES 775264 *(July 1948)------	20 daughters-	27	11,755	3.7	431
Born, 2-22-39; proved, 3-29-49;----; Wis.	17 daughters-	23	12,024	3.7	443
Sire, 667791; dam, 1343627.	17 dams------	52	11,268	3.8	430
Used in Badger Co-op. A. B. A.	Difference---	(9-9-10)	+756	-.1	+13
KING DIXIE BESSIE HAZELWOOD 27TH (TWIN) 813025----------	7 daughters--	7	8,167	3.7	301
Born, 4-4-40; proved, 3-28-49;----; Wis.	6 daughters--	6	8,242	3.5	292
Sire, 746585; dam, 1244324.	6 dams-------	23	12,695	3.4	428
Used in East Central Co-op. A. B. A.	Difference---	(1-5-1)	-4,453	+.1	-136
KING LAKEFIELD OF ELMBROOK 2D 855693----------	7 daughters--	9	14,059	3.5	496
Born, 11-29-41; proved, 3-29-49;----; Pa.	6 daughters--	8	14,340	3.5	495
Sire, 698278; dam, 2100794.	6 dams-------	34	12,454	3.6	443
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(5-3-5)	+1,886	-.1	+52
KING ORMSBY POSCH SEGIS 846905----------	7 daughters--	12	11,187	3.4	377
Born, 10-27-41; proved, 3-22-49;----; N. Y.	5 daughters--	9	10,696	3.3	357
Sire, 791870; dam, 2030257.	5 dams-------	15	10,575	3.5	369
Herd Owner, William Chandler, Almond.	Difference---	(2-2-2)	+121	-.2	-12
KLAVER PAUL GERBEN WALKER 848257----------	6 daughters--	8	16,178	3.3	538
Born, 10-25-41; proved, 3-23-49; alive; Utah.	5 daughters--	7	16,602	3.3	553
Sire, 672560; dam, 1540202.	5 dams-------	22	17,519	3.2	561
Used in Cache Valley A. B. A.	Difference---	(1-4-1)	-917	+.1	-8
LAKEFIELD FOBES PIEBE 679328 *12----------	24 daughters-	56	13,272	3.7	487
Born, 9-26-33; proved, 3-31-49;----; Mich.	18 daughters-	39	13,417	3.7	496
Sire, 471070; dam, 1173663.	18 dams------	48	12,003	3.4	414
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(12-17-16)	+1,414	+.3	+82
LAUXMONT RAG APPLE PILOT 760856 *(Feb. 1948)----------	24 daughters-	42	12,302	3.7	455
Born, 4-26-38; proved, 3-16-49;----; Pa.	20 daughters-	37	12,661	3.7	467
Sire, 695000; dam, 1297143.	20 dams------	63	11,591	3.5	411
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(12-15-13)	+1,070	+.2	+56
LEONGARD FROST BURKE SPOT 906106----------	6 daughters--	6	13,493	3.4	459
Born, 12-3-42; proved, 3-23-49; alive; Utah.	6 dams-------	13	9,573	3.7	353
Sire, 819479; dam, 2191587.	Difference---	(6-2-6)	+3,920	-.3	+106
Used in Cache Valley A. B. A.					
MARSHLINE STAR KING 774532 *12----------	14 daughters-	35	13,872	3.7	519
Born, 11-25-38; proved, 3-31-49;----; N. Y.	13 daughters-	32	13,913	3.7	519
Sire, 729309; dam, 1762115.	13 dams------	48	12,348	3.4	423
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(11-13-11)	+1,565	+.3	+96
MATTOAX ORMSBY DUDE 801505 *12----------	24 daughters-	44	12,554	3.8	480
Born, 9-27-39; proved, 3-31-49;----; Va.	23 daughters-	42	12,640	3.8	483
Sire, 701753; dam, 1806104.	23 dams------	100	13,048	3.9	514
Used in Southeastern A. B. A., N. C.	Difference---	(13-11-8)	-408	-.1	-31

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MCDONOGH GOLD NUGGET 869394----------	5 daughters--	6	12,275	3.9	484
Born, 12-14-42; proved, 3-22-49; alive; Md.	5 dams-------	10	11,568	3.6	413
Sire, 788616; dam, 2043621.	Difference---	(3-5-5)	+707	+.3	+71
Used in Maryland Co-op. A. B. A., Inc.					
MEADOWEND PIETJE POSCH AJAX 845143----------	7 daughters--	12	11,564	3.4	398
Born, 8-24-41; proved, 3-15-49;----; Pa.	5 daughters--	8	12,043	3.4	413
Sire, 128199 CHB; dam, 2250819.	5 dams-------	15	12,368	3.4	418
Herd Owner, Abram Z. Rittenhouse, Lansdale.	Difference---	(2-3-2)	-325	.0	-5
MEIERKORD TRIUNE PRIDE PAT 781635 *(Mar. 1948)----------	16 daughters-	29	12,680	3.3	422
Born, 1-15-39; proved, 3-15-49; alive; Kans.	15 daughters-	27	12,893	3.3	427
Sire, 600230; dam, 1620570.	15 dams------	55	11,127	3.5	387
Used in Louisiana Co-op. A. B. A., Inc., La.	Difference---	(9-5-9)	+1,766	-.2	+40
MEISEGEIER SEELEY JOE 842315----------	11 daughters-	15	11,551	3.7	428
Born, 8-23-41; proved, 3-16-49;----; Wis.	6 daughters--	7	11,610	3.6	418
Sire, 725852; dam, 1799208.	6 dams------	11	11,607	3.5	410
Herd Owner, Carl J. Nelson, Barron.	Difference---	(3-4-3)	+3	+.1	+8
MICHIGAN CLURE PAUL (TWIN) 820601----------	10 daughters-	17	14,352	3.6	510
Born, 2-28-41; proved, 3-15-49; alive; Mich.	9 daughters--	15	14,431	3.6	517
Sire, 769916; dam, 1742579.	9 dams-------	24	12,094	3.4	415
Herd Owner, Michigan State College, Chatham.	Difference---	(8-9-9)	+2,337	+.2	+102
MILBRUEK KING SIR BESSA 734362 *10----------	42 daughters-	140	12,782	3.7	470
Born, 4-2-35; proved, 3-23-49;----; Pa.	29 daughters-	97	12,876	3.7	473
Sire, 584588; dam, 1561128.	29 dams------	103	11,982	3.4	404
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(16-25-19)	+894	+.3	+69
MONTVIC RAG APPLE TRAILBLAZER 854210 *(Apr. 1948)----------	45 daughters-	49	12,408	3.7	463
Born, 4-5-42; proved, 3-31-49;----; N. J.	38 daughters-	42	12,585	3.7	471
Sire, 129946 CHB; dam, 213882 CHB.	38 dams------	117	11,429	3.6	416
Used in New Jersey Co-op. A. B. A.	Difference---	(25-24-29)	+1,156	+.1	+55
NEWMONT ARISTOCRAT 827033----------	10 daughters-	12	11,730	3.6	420
Born, 2-3-41; proved, 3-28-49;----; Vt.	6 daughters--	8	10,951	3.5	383
Sire, 731387; dam, 1204273.	6 dams-------	20	12,695	3.5	448
Used in Sussex Co-op. A. B. A., Inc., N. J.	Difference---	(2-3-2)	-1,744	.0	-65
NEWMONT MAJOR 6TH 811743 *(Apr. 1948)----------	14 daughters-	21	11,759	3.7	432
Born, 8-5-40; proved, 3-25-49; alive; Mass.	11 daughters-	16	12,042	3.6	437
Sire, 731387; dam, 1429185.	11 dams------	28	11,918	3.7	438
Used in Cooperative A. B. A. #1, Inc., N. J.	Difference---	(6-5-7)	+124	-.1	-1
NEWMONT MUTUAL MARATHON 758846 *11----------	46 daughters-	96	13,746	3.6	501
Born, 10-28-37; proved, 3-24-49; alive; N. H.	38 daughters-	80	13,950	3.6	505
Sire, 709271; dam, 1770595.	38 dams------	143	12,102	3.3	399
Used in New Hampshire A. B. A.	Difference---	(29-36-35)	+1,848	+.3	+106
NIESLEY VALE LINDY HARTOG 798623 *(Mar. 1948)----------	32 daughters-	66	13,001	3.6	465
Born, 2-18-39; proved, 3-17-49;----; Pa.	30 daughters-	60	12,856	3.6	460
Sire, 677237; dam, 2133483.	30 dams------	148	12,212	3.7	450
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(22-13-20)	+644	-.1	+10
N J E S CHIEF ORMSBY INA EMINENT 726056 *12----------	40 daughters-	79	11,417	3.7	427
Born, 12-3-35; proved, 3-25-49;----; N. J.	29 daughters-	55	11,749	3.7	437
Sire, 675841; dam, 1429090.	29 dams------	97	12,452	3.5	441
Used in Southern Illinois A. B. A., Ill.	Difference---	(11-22-15)	-703	+.2	-4
OOSTIE HOESLY TUEBIE 910290 *(May 1948)----------	13 daughters-	13	12,559	3.5	440
Born, 9-8-42; proved, 3-30-49;----; Del.	12 daughters-	12	12,474	3.5	437
Sire, 727000; dam, 1845105.	12 dams------	41	11,328	3.6	407
Used in Badger Co-op. A. B. A., Wis.	Difference---	(8-6-7)	+1,146	-.1	+30
ORMSBY LAKEFIELD GWENNIE KING 831724----------	8 daughters--	12	10,900	3.7	407
Born, 7-1-41; proved, 3-16-49;----; Pa.	5 daughters--	8	10,852	3.8	411
Sire, 698278; dam, 1860604.	5 dams-------	23	10,792	3.8	405
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(1-4-3)	+60	.0	+6
PABST ADMIRAL MODEST 839307 *(June 1948)----------	16 daughters-	21	9,974	3.9	390
Born, 10-29-41; proved, 3-29-49;----; Wis.	16 dams------	61	12,436	3.4	419
Sire, 786035; dam, 2051361.	Difference---	(2-15-7)	-2,462	+.5	-29
Used in Dane-Iowa Co-op. A. B. A.					
PABST BARTA PRILLY WAYNE 823785 *(Mar. 1948)----------	20 daughters-	28	12,262	3.8	465
Born, 4-26-41; proved, 3-10-49; dead; Wis.	10 daughters-	14	12,410	3.8	475
Sire, 761980; dam, 1553599.	10 dams------	27	12,059	3.6	440
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(5-8-5)	+351	+.2	+35
PAX OMER PIEBE DE KOL BURKE 902661----------	9 daughters--	9	13,553	3.5	473
Born, 1-24-42; proved, 3-16-49;----; Calif.	7 daughters--	7	13,119	3.6	468
Sire, 677055; dam, 2077931.	7 dams-------	33	11,346	3.5	394
Herd Owner, F. C. Paxton, Le Grand.	Difference---	(5-5-5)	+1,773	+.1	+74

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PENSTATE INKA PAUL 735351 *11----------	41 daughters-	102	11,295	3.5	395
Born, 12-1-36; proved, 3-10-49; alive; Pa.	41 dams------	168	10,543	3.6	376
Sire, 706753; dam, 1651386.	Difference---	(26-17-26)	+752	-.1	+19
Used in Nepa Co-op. A. B. A.					
RECOVERY 718344 *(June 1948)----------	43 daughters-	81	12,046	3.3	400
Born, 5-6-35; proved, 3-31-49; dead; Wis.	23 daughters-	37	11,918	3.4	400
Sire, 588508; dam, 847846.	23 dams------	64	11,344	3.4	385
Used in Badger Co-op. A. B. A.	Difference---	(12-10-12)	+574	.0	+15
REFORMATORY PRINCE SEGIS MAY 841969----------	10 daughters-	12	11,112	3.3	370
Born, 8-16-41; proved, 3-8-49;----; Mich.	9 daughters--	10	11,110	3.3	369
Sire, 744578; dam, 1771220.	9 dams-------	26	9,349	3.6	336
Herd Owner, Charles Miller & Sons, Sandusky.	Difference---	(7-2-5)	+1,761	-.3	+33
ROLLING KNOLL GRAND MASTER 901079----------	5 daughters--	5	8,005	3.6	289
Born, 10-6-43; proved, 3-31-49;----; Md.	5 dams-------	13	12,674	3.6	452
Sire, 769577; dam, 1995126.	Difference---	(0-3-0)	-4,669	.0	-163
Herd Owner, W. I. King, Gaithersburg.					
ROSNI POSCH BESS BURKE ORMSBY 844108----------	14 daughters-	15	11,614	3.6	420
Born, 12-21-41; proved, 3-10-49; dead; Va.	10 daughters-	11	12,227	3.6	445
Sire, 654536; dam, 1582234.	10 dams------	19	11,529	3.7	430
Herd Owner, Meadow Farm, Orange.	Difference---	(6-5-5)	+698	-.1	+15
SHESHEQUIN CHAMPION STAR 767326 *9----------	19 daughters-	51	12,549	3.9	492
Born, 1-22-38; proved, 3-23-49; dead; Pa.	18 daughters-	49	12,485	3.9	491
Sire, 731075; dam, 1869639.	18 dams------	42	10,906	3.8	419
Herd Owner, O. L. Fish, Wyalusing.	Difference---	(14-11-17)	+1,579	+.1	+72
SHESHEQUIN STAR CHIEFTAIN 788288 *12----------	21 daughters-	34	10,395	3.6	372
Born, 8-2-39; proved, 3-7-49; dead; N. Y.	16 daughters-	26	10,591	3.6	379
Sire, 731075; dam, 1590088.	16 dams------	49	10,955	3.7	408
Herd Owner, Louis D. Van Epps, Middlesex.	Difference---	(8-6-5)	-364	-.1	-29
SHESHEQUIN STAR PIEBE 731075 *9----------	16 daughters-	32	15,335	3.6	551
Born, 12-28-35; proved, 3-16-49;----; Pa.	15 daughters-	30	15,354	3.6	556
Sire, 535117; dam, 1672258.	15 dams------	65	12,726	3.6	464
Herd Owner, Lewis A. Zimmerman, Lehighton.	Difference---	(14-8-12)	+2,628	.0	+92
SHESHEQUIN STAR WAYNE 758807 *9----------	14 daughters-	34	12,156	3.8	465
Born, 9-6-37; proved, 3-7-49; dead; N. Y.	13 daughters-	33	12,236	3.8	467
Sire, 731075; dam, 1672260.	13 dams------	69	11,425	3.6	408
Herd Owner, Harry W. Utter & Son, Bradford.	Difference---	(9-11-7)	+811	+.2	+59
SIR BELMONT PABST CASCADE 807161 *12----------	34 daughters-	62	10,942	3.4	376
Born, 1-14-40; proved, 3-17-49;----; Va.	32 daughters-	58	10,978	3.4	377
Sire, 748392; dam, 1994503.	32 dams------	134	10,171	3.6	366
Herd Owner, Sterling Farm, Sterling.	Difference---	(24-10-20)	+807	-.2	+11
SIR BRIGADIER DESIGN 854889----------	12 daughters-	14	9,226	3.7	338
Born, 4-21-42; proved, 3-24-49;----; Maine.	8 daughters--	9	9,149	3.6	327
Sire, 738106; dam, 1932815.	8 dams-------	13	9,576	3.3	320
Used in Androscoggin Valley A. B. A.	Difference---	(4-8-4)	-427	+.3	+7
SIR CANARY CORNUCOPIA TIDY 841802----------	6 daughters--	6	11,494	3.7	423
Born, 11-5-40; proved, 3-16-49;----; Iowa.	5 daughters--	5	10,907	3.6	396
Sire, 731137; dam, 1916028.	5 dams-------	14	10,808	3.6	385
Herd Owner, Ben Eiten, Wellsburg.	Difference---	(3-4-3)	+99	.0	+11
SIR-DOUG BURK PRIDE GERB COLAN OLLIE 889259----------	7 daughters--	7	7,523	3.6	272
Born, 4-6-43; proved, 3-31-49;----; N. Y.	7 dams-------	19	9,295	3.5	323
Sire, 660575; dam, 1812752.	Difference---	(1-5-1)	-1,772	+.1	-51
Used in East Tennessee A. B. A., Tenn.					
SIR-DOUG BURK TWI-GERB COLAN OLLIE K 889260----------	13 daughters-	13	11,043	3.6	393
Born, 4-28-43; proved, 3-31-49;----; Pa.	11 daughters-	11	11,455	3.5	405
Sire, 660575; dam, 2115388.	11 dams------	31	11,988	3.7	448
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(5-4-4)	-533	-.2	-43
SIR-DOUG DI-NINE-O-FIVE GERB COL JOHAN 881760----------	7 daughters--	7	12,476	3.4	423
Born, 2-4-43; proved, 3-31-49;----; Pa.	7 dams-------	25	10,538	3.5	369
Sire, 660575; dam, 1926279.	Difference---	(5-4-6)	+1,938	-.1	+54
Used in Western Pennsylvania Co-op. A. B. A.					
SIR-DOUG NINE-O-FIVE GERB COLAN STAR 896304----------	8 daughters--	8	10,922	3.5	378
Born, 11-18-42; proved, 3-31-49;----; Pa.	6 daughters--	6	11,617	3.6	415
Sire, 660575; dam, 1859291.	6 dams-------	23	11,791	3.5	418
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(4-4-4)	-174	+.1	-3
SIR-DOUG O BURKE GERB-COLAN STAR 859942----------	5 daughters--	5	11,730	3.6	427
Born, 7-1-42; proved, 3-31-49;----; N. Y.	5 dams-------	13	12,079	3.5	418
Sire, 660575; dam, 2115378.	Difference---	(2-3-2)	-349	+.1	+9
Herd Owner, J. H. Girts & Son, Jamestown.					

HOLSTEIN SIRES	Animals averaged	[illegible]	[illegible]	[illegible] Percent	[illegible] Pounds
SIR-DOUG ORMSBY BURK PIEB GERB COL O 886996----------	6 daughters--	7	[illegible]	[illegible]	371
Born, 3-28-43; proved, 3-31-49;----; Pa.	5 daughters--	6	[illegible]	3.8	[illegible]
Sire, 660575; dam, 2058691.	5 dams-------	11	[illegible]	[illegible]	[illegible]
Herd Owner, R. H. Dilts & Son, Marion Center.	Difference---	(4-3-4)	+1,486	.0	[illegible]
SIR HARTOG DE KOL PIEBE SEGIS 821764----------	8 daughters--	11	10,788	3.9	[illegible]
Born, 3-21-41; proved, 3-16-49;----; Pa.	6 daughters--	8	11,145	[illegible]	442
Sire, 779195; dam, 1727511.	6 dams-------	12	10,399	3.6	[illegible]
Herd Owner, J. Norton Kruger Estate, Carlisle.	Difference---	(4-5-5)	+746	+.4	+69
SIR ORMSBY CHIEFTAIN DIRECT 870736 *(Jan. 1948)----------	19 daughters-	19	15,521	3.7	581
Born, 9-7-41; proved, 3-31-49;----; N. Y.	18 daughters-	18	15,511	3.7	581
Sire, 695631; dam, 1917378.	18 dams------	81	12,620	3.6	448
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).	Difference---	(14-13-17)	+2,891	+.1	[illegible]
SIR ORMSBY FOBES DICTATOR 39TH 822712----------	6 daughters--	6	12,909	[illegible]	422
Born, 12-26-40; proved, 3-16-49;----; Ill.	6 dams-------	22	13,519	3.5	471
Sire, 662443; dam, 1548835.	Difference---	(2-1-1)	-610	-.2	-49
Herd Owner, The W. T. Rawleigh Co., Freeport.					
SIR PIETERTJE DE KOL SPINKER 852106----------	8 daughters--	8	13,162	3.5	458
Born, 9-19-41; proved, 3-22-49;----; N. Y.	7 daughters--	7	13,372	3.5	465
Sire, 744661; dam, 2110092.	7 dams-------	12	13,399	3.5	466
Herd Owner, Leroy Dunn, Kerhonkson.	Difference---	(3-3-3)	-27	.0	-1
SIR PONTIAC MODEST OF B C A S 820530----------	7 daughters--	11	9,642	3.7	360
Born, 4-2-40; proved, 3-21-49;----; Mass.	7 dams-------	24	11,160	3.8	421
Sire, 752743; dam, 2203582.	Difference---	(0-3-1)	-1,518	-.1	-61
Herd Owner, Essex County Agricultural School, Hathorne.					
SIR TIDY VEEMAN 841396----------	10 daughters-	16	10,509	3.7	389
Born, 4-15-41; proved, 3-8-49;----; Minn.	5 daughters--	9	12,048	3.7	444
Sire, 731137; dam, 1796797.	5 dams-------	13	12,538	3.5	434
Herd Owner, Sanford Smith, Austin.	Difference---	(3-5-3)	-490	+.2	+10
SPRINGBANK SNOW PIETJE LAD 726628----------	10 daughters-	22	10,576	3.6	384
Born, 8-15-35; proved, 3-31-49;----; Pa.	5 daughters--	7	12,398	3.6	441
Sire, 99201 CHB; dam, 101741 CHB.	5 dams-------	16	11,579	3.6	415
Herd Owner, Mrs. C. S. Jones, Washington Crossing.	Difference---	(4-3-4)	+819	.0	+26
TRIUNE FOBES MECHTHILDE 822837 *(Mar. 1948)----------	16 daughters-	23	12,416	3.8	469
Born, 12-14-40; proved, 3-31-49;----; Wis.	14 daughters-	21	12,688	3.8	482
Sire, 718867; dam, 1595192.	14 dams------	60	13,883	3.6	495
Used in Wis. Scientific Breeding Institute (A. B. A.).	Difference---	(5-13-6)	-1,195	+.2	-13
TWI-KLA UTAH F PRIDE F PAUL 906555----------	5 daughters--	7	14,437	3.2	469
Born, 10-6-43; proved, 3-31-49;----; Utah.	5 dams-------	10	13,443	3.3	450
Sire, 799830; dam, 2178571.	Difference---	(4-3-3)	+994	-.1	+19
Used in Cache Valley A. B. A.					
TYLER FARMS RAG APPLE JOE 841800----------	8 daughters--	8	13,726	3.3	455
Born, 11-24-41; proved, 3-16-49;----; Vt.	7 daughters--	7	14,176	3.3	467
Sire, 827071; dam, 1639845.	7 dams-------	21	12,456	3.5	439
Herd Owner, John A. Howe, Tunbridge.	Difference---	(6-2-3)	+1,720	-.2	+28
U-MO MAN-O-WAR BOSS 739719 *7----------	35 daughters-	86	12,721	3.4	426
Born, 6-17-36; proved, 3-16-49; dead; Mo.	28 daughters-	72	12,986	3.3	433
Sire, 639850; dam, 1495843.	28 dams------	97	11,401	3.5	404
Herd Owner, Missouri Training School, Boonville.	Difference---	(18-9-17)	+1,585	-.2	+29
UNIVERSITY NETHERLAND 788063 *12----------	17 daughters-	23	11,909	3.5	412
Born, 9-5-39; proved, 3-31-49;----; Wis.	15 daughters-	20	12,092	3.5	419
Sire, 90161 CHB; dam, 2052514.	15 dams------	56	11,328	3.6	404
Used in University of Wisconsin (A. B. A.).	Difference---	(11-9-8)	+764	-.1	+15
U S S H CHIEFTAIN INKA PIEBE 801304 *12----------	12 daughters-	25	11,540	3.3	380
Born, 4-11-40; proved, 3-21-49; dead; Va.	12 dams------	46	10,929	3.3	361
Sire, 752694; dam, 1725943.	Difference---	(8-7-7)	+611	.0	+19
Herd Owner, Luck Brothers, Ashland.					
WALKER-FIELD HEILO HERMAN 845847----------	7 daughters--	9	10,708	3.7	400
Born, 12-6-41; proved, 3-15-49;----; Pa.	6 daughters--	8	10,991	3.8	414
Sire, 783849; dam, 2058491.	6 dams-------	31	11,409	3.6	411
Herd Owner, B. J. Griffie, York Springs.	Difference---	(2-5-2)	-418	+.2	+3
WASTATE HAZELWOOD FAYNE 880485----------	7 daughters--	7	14,949	3.3	492
Born, 7-24-42; proved, 3-22-49;----; Wash.	7 dams-------	15	14,033	3.4	472
Sire, 786321; dam, 1962579.	Difference---	(5-3-4)	+916	-.1	+20
Herd Owner, Western State Hospital, Fort Steilacoom.					
WIMBLEDON EMPEROR SUPREME 750275 *11----------	18 daughters-	36	11,944	3.5	424
Born, 8-23-37; proved, 3-31-49;----; Mass.	15 daughters-	33	11,984	3.6	427
Sire, 671030; dam, 1739010.	15 dams------	34	11,706	3.4	396
Used in Massachusetts A. B. A., Inc.	Difference---	(8-12-10)	+278	+.2	+31

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WINTERTHUR FOBES GREAT VISCOUNT 823055 *(Mar. 1948)--------	15 daughters-	24	15,702	3.6	571
Born, 12-1-40; proved, 3-25-49;----; Conn.	15 dams------	51	15,751	3.3	523
Sire, 729449; dam, 1934438.	Difference---	(9-14-12)	-49	+.3	+48
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).					
WINTERTHUR FOBES PILOT VERNON 789920 *12----------	14 daughters-	15	11,720	3.3	392
Born, 1-28-40; proved, 3-8-49;----; Pa.	14 dams------	62	12,614	3.3	412
Sire, 729449; dam, 1923004.	Difference---	(5-11-5)	-894	.0	-20
Herd Owner, Pecora's Farm Dairy, Drums.					
WINTERTHUR FOBES POSCH VENICE 799875 *(May 1948)----------	17 daughters-	31	12,321	3.6	439
Born, 5-20-40; proved, 3-31-49;----; Vt.	15 daughters-	28	12,398	3.6	443
Sire, 729449; dam, 2000325.	15 dams------	85	12,399	3.7	455
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(8-7-8)	-1	-.1	-12
WISOF DUTCH MASTER MUSIC LAD 832240----------	10 daughters-	12	12,278	3.5	431
Born, 6-22-41; proved, 3-15-49;----; Wis.	6 daughters--	7	12,698	3.5	445
Sire, 755728; dam, 1831018.	6 dams-------	22	13,338	3.7	496
Herd Owner, Oregon State Farm, Oregon.	Difference---	(2-2-2)	-640	-.2	-51
WOODSON DOUBLE ORMSBY VEEMAN 822507----------	10 daughters-	21	10,121	3.6	364
Born, 4-29-40; proved, 3-21-49;----; Pa.	8 daughters--	16	10,251	3.6	365
Sire, 767414; dam, 1890823.	8 dams-------	15	11,504	3.3	375
Herd Owner, Samuel M. Detweiler, Perkasie.	Difference---	(2-8-3)	-1,253	+.3	-10

JERSEY SIRES

AFTERGLOW ESTELLA'S SIGNAL 396491 *12----------	23 daughters-	30	8,217	5.2	426
Born, 12-6-38; proved, 3-31-49;----; Tenn.	16 daughters-	21	7,969	5.3	422
Sire, 346193; dam, 1110277.	16 dams------	61	6,897	5.3	367
Used in Tennessee A. B. A.	Difference---	(12-8-11)	+1,072	.0	+55
BARONET SYBIL FAUVIC OWL 412781 *(June 1948)----------	13 daughters-	22	5,809	5.3	309
Born, 5-2-40; proved, 3-29-49;----; Wis.	9 daughters--	16	5,958	5.4	319
Sire, 381020; dam, 976661.	9 dams-------	20	5,832	5.5	319
Used in Tri-State Co-op. A. B. A.	Difference---	(6-4-5)	+126	-.1	0
BONNIE OWL GOLD PRESIDENT 406769----------	8 daughters--	11	6,189	5.3	330
Born, 2-12-38; proved, 3-10-49;----; N. H.	7 daughters--	10	6,081	5.3	322
Sire, 371320; dam, 1240449.	7 dams-------	18	8,382	5.1	427
Herd Owner, J. Ralph Graham, Jr., Boscawen.	Difference---	(0-5-1)	-2,301	+.2	-105
BRAMPTON BELLS B FAVOR 439588 *(Mar. 1948)----------	15 daughters-	21	6,444	5.5	352
Born, 9-10-41; proved, 3-30-49;----; Pa.	15 dams------	64	6,613	5.4	359
Sire, 425305; dam, 116997 CJCC.	Difference---	(7-7-6)	-169	+.1	-7
Used in Nepa Co-op. A. B. A.					
BRAMPTON FAVORITE NED 405352----------	6 daughters--	16	7,371	5.2	384
Born, 11-5-38; proved, 3-7-49; alive; Iowa.	5 daughters--	14	7,465	5.1	383
Sire, 89235 CJCC; dam, 74435 CJCC.	5 dams-------	14	8,182	5.1	416
Herd Owner, Witwer West Farms, Atkins.	Difference---	(2-3-1)	-717	.0	-33
BURTON VOLUNTEER OWL 406422----------	5 daughters--	10	6,977	5.1	353
Born, 4-2-38; proved, 3-8-49;----; N. Y.	5 dams-------	23	7,137	5.6	401
Sire, 351545; dam, 1037751.	Difference---	(2-0-0)	-160	-.5	-48
Herd Owner, James A. Boggs, Bovina.					
CHARLA'S BLONDE POTENTATE 414190 *12----------	36 daughters-	71	7,075	5.4	379
Born, 7-15-40; proved, 3-7-49; alive; Pa.	35 daughters-	67	7,042	5.4	377
Sire, 347744; dam, 1127588.	35 dams------	167	7,418	5.5	409
Used in Nepa Co-op. A. B. A.	Difference---	(15-15-11)	-376	-.1	-32
DAIRYLIKE SYBIL KING 448737----------	9 daughters--	10	7,812	5.2	409
Born, 1-23-43; proved, 3-31-49;----; Pa.	9 dams-------	24	8,045	5.1	409
Sire, 423240; dam, 1126540.	Difference---	(4-6-4)	-233	+.1	0
Used in Delaware Co-op. A. B. A., Inc., Del.					
DREAMING POTENTATE 398870 *11----------	18 daughters-	39	7,889	5.2	408
Born, 12-29-38; proved, 3-22-49;----; Pa.	14 daughters-	33	8,423	5.1	432
Sire, 358643; dam, 1050204.	14 dams------	87	8,360	5.0	419
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(7-10-10)	+63	+.1	+13
DREAMING ROBIN NONESUCH 447609 *(Apr. 1948)----------	8 daughters--	11	7,002	5.4	375
Born, 10-26-41; proved, 3-22-49;----; Iowa.	8 dams-------	32	7,491	5.3	394
Sire, 405566; dam, 1215648.	Difference---	(1-5-3)	-489	+.1	-19
Used in Eastern Iowa A. B. A., Inc.					
ESTELLA'S AFTERGLOW JUBILEE 398883----------	15 daughters-	27	8,552	5.4	462
Born, 3-24-39; proved, 3-8-49;----; Mich.	8 daughters--	13	8,826	5.5	484
Sire, 378886; dam, 1093217.	8 dams-------	27	9,124	5.5	497
Herd Owner, Fred McIntyre, Corunna.	Difference---	(3-6-3)	-298	.0	-13

JERSEY SIRES	Number	Number	Pounds	Percent	Fat
FAUVIC GAMBOGE TWINKS NOBLE 416196 *12	11 daughters-	17	7,517	5.0	377
Born, 11-23-40; proved, 3-17-49;----; Pa.	10 daughters-	16	[illegible]	[illegible]	378
Sire, 360026; dam, 1243789.	10 dams------	31	7,012	5.1	[illegible]
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(7-5-6)	+508	-.1	[illegible]
FON 96 B 381057 *12	18 daughters-	34	8,072	5.6	449
Born, 9-16-36; proved, 3-25-49;----; Pa.	17 daughters-	31	8,159	5.5	451
Sire, 343405; dam, 1084631.	17 dams------	58	7,451	5.0	376
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(10-14-14)	+708	+.5	+75
FREEDOM ROYAL ARTHUR 412750	7 daughters--	10	6,922	5.3	364
Born, 2-27-40; proved, 3-23-49;----; Minn.	7 dams-------	15	6,855	5.4	372
Sire, 382599; dam, 1098154.	Difference---	(4-2-3)	+67	-.1	-8
Used in Minnesota Valley A. B. A.					
GIANT GOLDMOST 404667 *12	12 daughters-	28	8,728	5.4	471
Born, 10-26-38; proved, 3-29-49;----; Mich.	12 dams------	43	7,942	5.5	439
Sire, 338021; dam, 1107248.	Difference---	(9-5-9)	+786	-.1	+32
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).					
GREEN ACRES DESIGN 404739	10 daughters-	14	6,743	5.1	342
Born, 10-26-38; proved, 3-15-49;----; Ky.	7 daughters--	10	6,572	5.1	333
Sire, 372625; dam, 1140114.	7 dams-------	19	6,253	4.7	292
Herd Owner, E. J. Blackburn, Dry Ridge.	Difference---	(5-6-5)	+319	+.4	+41
LILAC REMUS CHIEFTAIN 406867 *(May 1948)	26 daughters-	48	8,231	5.3	433
Born, 11-17-39; proved, 3-22-49;----; Mass.	16 daughters-	29	7,983	5.2	415
Sire, 328497; dam, 1159024.	16 dams------	36	8,758	5.1	444
Used in New Hampshire A. B. A., N. H.	Difference---	(5-11-6)	-775	+.1	-29
LILAC REMUS UNRIVALED WAYNE 434170 *12	14 daughters-	19	7,845	5.6	438
Born, 12-21-41; proved, 3-15-49;----; Vt.	14 dams------	43	6,900	5.3	363
Sire, 409293; dam, 1169135.	Difference---	(11-9-12)	+945	+.3	+75
Used in Central Ohio Co-op. A. B. A., Ohio.					
LILAC SONIA REMUS 409520 *(May 1948)	29 daughters-	70	9,872	5.6	553
Born, 11-11-38; proved, 3-8-49; alive; Wash.	19 daughters-	51	9,543	5.7	548
Sire, 328497; dam, 1154698.	19 dams------	41	8,573	5.3	453
Used in Evergreen A. B. A.	Difference---	(15-16-16)	+970	+.4	+95
LINE-SOPHIE SENATOR EIGHT TS. 435408 *(July 1948)	14 daughters-	27	7,673	5.2	399
Born, 7-28-41; proved, 3-31-49;----; W. Va.	14 dams------	55	6,819	5.5	377
Sire, 357462; dam, 1209655.	Difference---	(8-1-9)	+854	-.3	+22
Used in Michigan Co-op. A. B. A., Inc., Mich.					
MASTERMAN FAVORITE ROYAL 426817	13 daughters-	16	8,100	5.3	429
Born, 7-1-41; proved, 3-14-49;----; Mich.	11 daughters-	14	7,901	5.3	419
Sire, 382599; dam, 1098974.	11 dams------	49	8,654	5.2	449
Herd Owner, Herman J. Walters, Hemlock.	Difference---	(4-7-2)	-753	+.1	-30
MIGHTY'S MOROCCO COMMANDER 418760	11 daughters-	13	7,205	5.4	391
Born, 3-9-40; proved, 3-31-49;----; Ill.	10 daughters-	12	7,126	5.4	382
Sire, 339065; dam, 1107552.	10 dams------	24	7,954	5.5	434
Used in Southern Illinois A. B. A.	Difference---	(3-5-2)	-828	-.1	-52
MILL RUN TWINKS 430516	5 daughters--	7	6,728	6.0	404
Born, 3-21-41; proved, 3-8-49;----; Pa.	5 dams-------	14	6,843	5.9	406
Sire, 360026; dam, 960099.	Difference---	(2-3-4)	-115	+.1	-2
Herd Owner, C. E. Welton, Grove City.					
POSTER ROYAL DANDY 432258	6 daughters--	11	8,559	5.3	455
Born, 3-12-41; proved, 3-9-49;----; Pa.	6 dams-------	31	8,380	5.4	450
Sire, 400147; dam, 948040.	Difference---	(5-3-3)	+179	-.1	+5
Herd Owner, Paul E. Yoder, Mattawana.					
REMUS BARONET 419820 *(July 1948)	12 daughters-	23	8,682	5.3	460
Born, 6-4-40; proved, 3-7-49; dead; Wash.	12 dams------	58	8,485	5.2	441
Sire, 360430; dam, 1076663.	Difference---	(7-9-7)	+197	+.1	+19
Herd Owner, Walter G. Konirsch, Enumclaw.					
ROMANA MAJESTY ADAM 411571 *12	22 daughters-	36	6,912	5.3	368
Born, 5-1-39; proved, 3-17-49; alive; Vt.	18 daughters-	26	6,580	5.3	351
Sire, 347940; dam, 1010637.	18 dams------	55	6,868	5.3	367
Used in New Hampshire A. B. A., N. H.	Difference---	(8-9-8)	-288	.0	-16
ROYAL DESIGN OF KOLA TEPEE 381974	15 daughters-	35	8,541	5.3	453
Born, 8-20-36; proved, 3-22-49;----; Wash.	6 daughters--	12	7,709	5.1	395
Sire, 355056; dam, 1069686.	6 dams-------	18	7,045	5.5	387
Herd Owner, Marion H. Omstead & Son, Ellensburg.	Difference---	(3-2-3)	+664	-.4	+8
ROYALISTE VOLUNTEER 405577 *(Apr. 1948)	16 daughters-	21	8,647	5.3	456
Born, 8-13-39; proved, 3-8-49; alive; Iowa.	11 daughters-	15	8,560	5.3	452
Sire, 371003; dam, 1101320.	11 dams------	17	8,369	5.2	431
Used in Dairy Genetics, Inc. (A. B. A.).	Difference---	(6-7-6)	+191	+.1	+21

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SAM BEAUTY BARZIE OWL 418308 *(June 1948)----------	12 daughters-	27	7,168	5.4	387
Born, 2-25-40; proved, 3-16-49;----; Pa.	10 daughters-	23	7,042	5.4	381
Sire, 385122; dam, 1028437.	10 dams------	43	7,241	5.3	382
Herd Owner, Eugene Ellenberger, Warriors Mark.	Difference---	(4-7-5)	-199	+.1	-1
SIR DUSTAN JERRY 394891 *10----------	17 daughters-	32	8,252	5.3	436
Born, 2-4-38; proved, 3-31-49;----; Mich.	16 daughters-	30	8,223	5.2	431
Sire, 36[illegible]; dam, 1033903.	16 dams------	58	7,875	4.9	386
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(9-14-14)	+348	+.3	+45
THE KID SYLVIA SON 418601 *12----------	10 daughters-	16	7,620	5.2	399
Born, 4-4-40; proved, 3-17-49;----; Iowa.	9 daughters--	14	7,548	5.3	401
Sire, 384605; dam, 1094379.	9 dams-------	30	7,775	5.4	422
Herd Owner, Norris & Bernice Leighton, Waterloo.	Difference---	(5-5-5)	-227	-.1	-21
THOMAS' X WONDERFUL BING 414765 *(Mar. 1948)----------	17 daughters-	27	6,192	5.1	316
Born, 7-3-40; proved, 3-22-49; dead; Mich.	16 daughters-	26	6,109	5.1	312
Sire, 374203; dam, 1149410.	16 dams------	49	5,576	5.4	301
Herd Owner, Yeoman's Jersey Farm, Ionia.	Difference---	(12-6-10)	+533	-.3	+11
U. T. BARON ACTOR PRINCE 411050 *12----------	11 daughters-	18	7,804	5.0	390
Born, 2-14-40; proved, 3-22-49;----; La.	11 dams------	54	6,864	5.1	350
Sire, 286155; dam, 1050415.	Difference---	(8-5-8)	+940	-.1	+40
Used in North Louisiana Jersey A. B. A.					
U. W. JOAN SIR GINGER 439203 *(June 1948)----------	18 daughters-	30	9,663	4.6	441
Born, 5-1-42; proved, 3-29-49;----; Minn.	16 daughters-	27	9,560	4.6	435
Sire, 360310; dam, 1199465.	16 dams------	61	8,248	4.8	395
Used in Wis. Scientific Breeding Institute, Wis.(A.B.A.).	Difference---	(14-4-14)	+1,312	-.2	+40
WONDERFUL AIM X 405995 *(Apr. 1948)----------	12 daughters-	16	7,400	5.2	386
Born, 8-6-39; proved, 3-30-49;----; Iowa.	10 daughters-	14	7,437	5.3	393
Sire, 374203; dam, 1158811.	10 dams------	26	8,536	5.3	453
Used in Dairy Genetics, Inc. (A. B. A.).	Difference---	(2-4-4)	-1,099	.0	-60

RED POLLED SIRES

M. L. F. PAT AGAIN 58576----------	7 daughters--	13	6,580	4.2	277
Born, 2-1-38; proved, 3-22-49;----; Wis.	5 daughters--	11	7,072	4.3	303
Sire, 56494; dam, 81248.	5 dams-------	16	6,196	4.1	251
Herd Owner, Art E. Miller & Son, Columbus.	Difference---	(4-4-5)	+876	+.2	+52

MILK GOAT SIRES

CHIKAMING ANDRUE 69435 (NUBIAN)----------	5 daughters--	5	1,489	6.2	92
Born, 3-30-42; proved, 3-7-49; alive; Mass.	5 dams-------	5	1,560	5.8	90
Sire, 61323; dam, 61301.	Difference---	(1-3-3)	-71	+.4	+2
Herd Owner, Robert H. Campbell, Topsfield.					

AMERICAN DAIRY CATTLE CLUB SIRES

FON 96 B 592
(This sire is also a registered Jersey "Fon 96 B 381057." Proved Sire data included in Jersey listing.)

IDYLBROOK BURT 513
(This sire is also a registered Guernsey "Idylbrook Burt 334545." Proved Sire data included in Guernsey listing.)

KING ARROW AAGGIE 1197
(This sire is also a registered Holstein "King Arrow Aaggie 750349." Proved Sire data included in Holstein listing.)

LANGWATER AGAWAM 252
(This sire is also a registered Guernsey "Langwater Agawam 294225." Proved Sire data included in Guernsey listing.)

SIR ORMSBY CHIEFTAIN DIRECT 636
(This sire is also a registered Holstein "Sir Ormsby Chieftain Direct 870736." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 25, No. 5

May 1949

SUMMARY OF THE PROVED-SIRE RECORDS COMPILED IN 1948

The following tabulations give a brief summary of the proved-sire records compiled from dairy-herd-improvement-association data in 1948:

Table 1.--Number of sires reported alive or dead, and the production of their daughters compared with that of the daughters' dams

Status of sires			Average production					
			Dams			Daughters		
			Milk	Butterfat		Milk	Butterfat	
	Number	Percent	Pounds	Percent	Pounds	Pounds	Percent	Pounds
Living	720	15	9,931	4.1	404	10,224	4.1	424
Dead	2,455	50	9,710	4.0	388	9,602	4.0	387
Not reported	1,712	35	9,492	4.0	384	9,354	4.1	381
Total or average	4,887	100	9,666	4.0	389	9,607	4.1	391

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Table 2.--Number of living sires listed by age and breed

Age (years)	Ayr-shire	Brown Swiss	Guern-sey	Hol-stein	Jersey	Short-horn	Red Dane	American Dairy Cattle Club sires	Total
5--------	-	-	-	5	1	-	-	-	7
6--------	5	-	19	59	19	1	-	-	103
7--------	14	9	35	99	35	4	-	1	197
8--------	16	6	33	70	39	2	1	-	167
9--------	15	1	25	50	22	-	-	-	113
10--------	3	1	18	15	13	-	5	-	55
11--------	3	1	8	15	6	1	-	-	34
12--------	4	-	6	5	4	-	-	-	19
13--------	3	1	2	2	2	1	-	-	11
14--------	-	1	-	2	-	-	-	-	2
15--------	1	-	-	1	-	-	-	-	2
16--------	2	1	-	-	-	-	-	-	3
18--------	-	-	-	-	1	-	-	-	1
No report	-	-	3	3	-	-	-	-	6
Total	66	20*	149*	327*	142*	9	6	1	720

*Two Brown Swiss, one Guernsey, thirteen Holstein, and three Jersey sires are also registered in the American Dairy Cattle Club.

Table 3.--Sires that maintained, increased, or decreased butterfat production, grouped according to the production range of the dams to which they were mated

Butterfat production range of dams (pounds)	Sires	Sires that: Maintained or increased production	Sires that: Decreased production	Dam-and-daughter pairs	Average production: Dams: Milk	Dams: Butterfat	Dams: Butterfat	Daughters: Milk	Daughters: Butterfat	Daughters: Butterfat
	Number	Number	Number	Number	Pounds	Percent	Pounds	Pounds	Percent	Pounds
175-199------	3	3	0	20	5,143	3.7	192	6,648	3.8	253
200-224------	5	5	0	31	5,386	4.0	217	6,488	4.1	264
225-249------	15	12	3	93	5,482	4.3	236	5,927	4.6	273
250-274------	72	62	10	513	6,415	4.1	263	7,178	4.2	303
275-299------	160	123	37	1,283	7,125	4.1	289	7,760	4.1	322
300-324------	353	234	119	2,824	7,627	4.1	313	7,987	4.2	333
325-349------	537	327	210	4,316	8,251	4.1	338	8,442	4.2	351
350-374------	778	449	329	6,300	8,920	4.1	362	9,045	4.1	372
375-399------	930	498	432	7,531	9,658	4.0	387	9,620	4.1	390
400-424------	783	366	417	6,709	10,250	4.0	412	10,074	4.0	408
425-449------	589	242	347	4,975	11,015	4.0	436	10,672	4.0	425
450-474------	366	131	235	2,883	11,474	4.0	461	10,966	4.0	443
475-499------	170	57	113	1,535	12,235	4.0	486	11,584	4.0	458
500-524------	90	22	68	673	13,059	3.9	510	12,229	3.9	482
525-549------	20	8	12	134	13,647	3.9	536	12,606	3.9	490
550-574------	9	0	9	66	14,853	3.8	560	12,954	3.8	495
575-599------	6	1	5	47	12,739	4.6	584	11,109	4.8	535
600-624------	1	1	0	11	18,418	3.3	617	19,415	3.3	645
Total or average--	4,887	2,541	2,346	39,944	9,666	4.0	389	9,607	4.1	391

Table 4.--Number of proved sires listed by States and breeds

State	Breed								American Dairy Cattle Club Sires 1/	Total 1/
	Ayr-shire 1/	Brown Swiss 1/	Guern-sey 1/	Hol-stein 1/	Jer-sey 1/	Red Dane	Red Polled	Short-horn 1/		
Ala----------	--	--	--	--	2	--	--	--	--	2
Ariz----------	3	--	8	9	5	--	--	--	--	25
Ark----------	--	--	--	--	2	--	--	--	--	2
Calif----------	2	1	6	43	23	--	--	--	--	75
Colo----------	2	3	2	26	6	--	--	--	--	39
Conn----------	47	11	52	29	25	--	--	--	2	164
Del----------	2	--	9	11	2	--	--	--	--	24
Fla----------	3	--	1	--	1	--	--	--	--	5
Ga----------	--	--	4	2	19	--	--	--	1	25
Hawaii----------	--	--	--	2	--	--	--	--	--	2
Idaho----------	--	--	12	19	18	--	--	--	--	49
Ill----------	16	32	71	170	41	--	--	4	9	334
Ind----------	18	14	42	35	35	--	--	3	2	147
Iowa----------	12	35	82	227	64	--	--	24	1	444
Kans----------	25	7	18	61	29	--	--	11	1	151
Ky----------	--	3	4	13	22	--	--	--	--	42
La----------	--	--	--	1	4	--	--	--	--	5
Me----------	10	3	26	32	30	--	--	--	--	101
Md----------	39	--	69	42	33	--	--	4	2	187
Mass----------	57	6	23	34	23	--	--	--	3	144
Mich----------	19	15	84	121	74	8	--	4	--	325
Minn----------	3	10	76	185	24	--	--	9	1	307
Miss----------	--	--	1	--	2	--	--	--	--	3
Mo----------	2	2	21	31	64	--	--	7	--	127
Mont----------	6	--	1	6	4	--	--	--	--	17
Nebr----------	--	--	4	16	3	--	--	1	2	24
Nev----------	--	--	--	3	--	--	--	--	--	3
N. H----------	21	4	12	22	12	--	--	--	--	71
N. J----------	5	6	46	65	18	--	--	--	--	140
N. Mex----------	--	--	2	6	--	--	--	--	--	8
N. Y----------	119	16	78	429	76	--	--	--	38	722
N. C----------	5	--	4	4	--	--	--	--	--	14
N. Dak----------	--	--	--	5	--	--	--	--	--	5
Ohio----------	69	21	37	50	51	--	--	1	1	230
Okla----------	1	--	--	6	--	--	--	--	--	7
Oreg----------	2	1	12	3	34	--	--	--	--	52
Pa----------	74	6	210	306	83	--	--	1	5	680
R. I----------	11	--	--	--	--	--	--	--	--	11
S. C----------	--	2	--	--	--	--	--	--	--	2
S. Dak----------	--	1	1	5	2	--	--	--	--	9
Tenn----------	--	--	1	--	16	--	--	--	1	18
Tex----------	1	--	1	4	14	--	--	--	--	20
Utah----------	--	--	10	18	7	--	--	--	--	35
Vt----------	47	3	31	45	87	--	--	--	--	213
Va----------	2	--	91	79	31	--	--	4	--	207
Wash----------	2	1	44	36	54	--	1	1	--	139
W. Va----------	25	3	16	17	27	--	--	6	--	94
Wis----------	20	40	176	532	58	--	--	5	3	832
Wyo----------	--	--	--	2	--	--	--	--	--	2
Total----------	345	150	1,125	2,327	863	8	1	60	60	4,887

1/ The number listed for each State frequently includes 1 or more sires proved with records from some other State as well as from the State indicated.
2/ The totals given here omit duplication of sires.
3/ Fifty-two of the American Dairy Cattle Club sires are also registered in other breed associations.

DHIA PROVED-SIRE RECORDS TABULATED IN APRIL 1949

Following is a list of 168 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in April 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ANNANDALE POLONIUS, IMP. 73191	7 daughters	10	8,993	4.2	374
Born, 11-10-37; proved, 4-29-49;----; Wis.	5 daughters	7	9,205	4.2	383
Sire, 59660; dam, 228447.	5 dams	13	9,565	3.8	368
Herd Owner, Lake Side Farm, Genoa City.	Difference	(1-5-1)	-360	+.4	+15
BEAUTY GEM'S PRINCE 60823	5 daughters	8	7,785	4.5	349
Born, 9-23-38; proved, 4-28-49;----; Kans.	5 dams	13	8,378	4.0	333
Sire, 53693; dam, 145812.	Difference	(1-5-4)	-593	+.5	+16
Herd Owner, Raymond Landis, Hamlin.					
CLOVE BRANCH OSCAR P 63426 *(Feb. 1948)	17 daughters	26	9,531	4.2	404
Born, 12-30-39; proved, 4-20-49; alive; Conn.	12 daughters	19	9,217	4.2	385
Sire, 41931; dam, 177129.	12 dams	39	10,502	4.2	442
Used in Massachusetts A. B. A., Inc., Mass.	Difference	(3-6-2)	-1,285	.0	-57
GOOD ACRES ADAMANT 71408	5 daughters	5	6,385	4.1	263
Born, 9-3-42; proved, 4-26-49;----; Vt.	5 dams	20	8,674	3.9	341
Sire, 35622; dam, 171977.	Difference	(0-3-0)	-2,289	+.2	-78
Herd Owner, Walter M. Bryant, Shoreham.					
JESSIE'S LETO LAD OF NEWARK 60920 *12	16 daughters	31	10,282	4.1	424
Born, 2-20-39; proved, 4-25-49; alive; N. Y.	15 daughters	30	10,373	4.1	426
Sire, 43336; dam, 128506.	15 dams	65	10,076	4.1	411
Used in New York Co-op. A. B. A., Inc.	Difference	(10-8-9)	+297	.0	+15
MAPLE DRIVE MAGNET 67757 *(Mar. 1948)	11 daughters	22	9,155	4.2	388
Born, 7-1-41; proved, 4-20-49; alive; N. Y.	11 dams	49	8,773	3.9	345
Sire, 50792; dam, 215698.	Difference	(5-10-7)	+382	+.3	+43
Used in New York Co-op. A. B. A., Inc.					
MYERBRAE NAN'S CLIPPER 65648	5 daughters	9	10,222	4.2	429
Born, 9-7-40; proved, 4-26-49; dead; N. Y.	5 dams	17	12,243	3.9	477
Sire, 48956; dam, 165112.	Difference	(0-5-1)	-2,021	+.3	-48
Herd Owner, Harold S. Gray & Son, East Springfield.					
PENN AYR NICK 65770	5 daughters	9	6,220	4.2	260
Born, 6-20-40; proved, 4-29-49;----; Pa.	5 dams	12	7,716	4.1	314
Sire, 47399; dam, 154368.	Difference	(1-4-1)	-1,496	+.1	-54
Herd Owner, E. E. Pawling Estate, Selinsgrove.					
PENSHURST GOLDEN WARRIOR 63362	8 daughters	9	9,471	4.2	395
Born, 9-12-39; proved, 4-29-49;----; Mass.	8 dams	39	10,617	4.2	446
Sire, 56972; dam, 172600.	Difference	(3-4-2)	-1,146	.0	-51
Herd Owner, Ivory W. Kimball, Rehoboth.					
RAIN CHECK'S DOUGLAS 60338	13 daughters	15	9,122	3.9	355
Born, 7-18-38; proved, 4-26-49;----; Ohio.	5 daughters	5	8,764	3.9	346
Sire, 52368; dam, 152973.	5 dams	8	8,411	3.7	312
Herd Owner, Broadview Ayr Farms, Hillsboro.	Difference	(2-4-3)	+353	+.2	+34
RESTALLS MAGNATE'S RED BIRD 64306	10 daughters	12	8,046	4.0	320
Born, 5-7-40; proved, 4-29-49;----; Conn.	9 daughters	11	7,996	4.0	319
Sire, 49106; dam, 141166.	9 dams	31	8,028	4.1	328
Herd Owner, Goodnow Farm, Norfolk.	Difference	(5-5-4)	-32	-.1	-9
TALISMAN GAY LAD 59047 *12	27 daughters	57	9,868	4.0	397
Born, 2-8-38; proved, 4-26-49; dead; Conn.	26 daughters	56	9,975	4.0	402
Sire, 34381; dam, 163193.	26 dams	98	9,548	3.9	377
Used in Massachusetts A. B. A., Inc., Mass.	Difference	(15-21-16)	+427	+.1	+25
WHITPAIN MILKMAN 62402	7 daughters	8	8,936	4.0	356
Born, 8-12-39; proved, 4-26-49;----; Pa.	6 daughters	7	9,196	4.0	367
Sire, 43060; dam, 96882.	6 dams	18	9,001	4.1	372
Herd Owner, National Farm School, Farm School.	Difference	(4-2-2)	+195	-.1	-5

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ALLYNHURST PLAYTHING 49094----------	8 daughters--	8	8,833	4.2	368
Born, 5-23-40; proved, 4-26-49;----; Wis.	6 daughters--	6	8,369	4.3	361
Sire, 42614; dam, 49894.	6 dams-------	19	9,178	4.1	373
Herd Owner, Allynhurst Farm, Delavan.	Difference---	(2-4-4)	-809	+.2	-12
BARBETTE'S KEEPER OF J. B. 48668 *(Mar. 1948)----------	11 daughters-	17	10,701	3.9	420
Born, 10-5-40; proved, 4-13-49; alive; Minn.	11 dams------	57	10,214	3.7	377
Sire, 34504; dam, 75040.	Difference---	(6-10-7)	+487	+.2	+43
Used in Minn. Valley & Southern Minn. A. B. A.'s.					
DOUBLE JANE DESIGN 53913----------	6 daughters--	6	12,160	3.9	479
Born, 12-14-41; proved, 4-26-49;----; Wis.	6 dams-------	26	11,605	3.8	440
Sire, 43176; dam, 66310.	Difference---	(3-3-3)	+555	+.1	+39
Herd Owner, Voegeli Brothers Estate, Monticello.					
ELIZA'S BUSTER J. B. 54556----------	7 daughters--	8	13,488	3.7	496
Born, 4-20-42; proved, 4-26-49;----; Wis.	5 daughters--	5	13,663	3.6	495
Sire, 31073; dam, 45325.	5 dams-------	11	9,300	4.1	379
Herd Owner, E. P. Galloway, Fond du Lac.	Difference---	(4-1-3)	+4,363	-.5	+116
FOXWOOD'S GLORY VOGEL 53078----------	7 daughters--	8	9,924	4.0	392
Born, 2-4-42; proved, 4-29-49;----; Ill.	6 daughters--	7	10,056	4.0	398
Sire, 40472; dam, 33385.	6 dams-------	12	10,466	3.9	413
Herd Owner, Perry O. Keltner, Pearl City.	Difference---	(2-3-2)	-410	+.1	-15
JERRY D. OF ELMHURST 50649----------	5 daughters--	8	11,964	4.2	503
Born, 7-16-40; proved, 4-29-49;----; Wis.	5 dams-------	10	8,591	4.1	355
Sire, 36887; dam, 73505.	Difference---	(5-3-5)	+3,373	+.1	+148
Herd Owner, Martin Brothers, West Salem.					
MICHELANGELO OF LEE'S HILL 52064----------	9 daughters--	10	11,413	4.2	480
Born, 9-3-41; proved, 4-26-49;----; Pa.	8 daughters--	9	11,752	4.2	493
Sire, 28594; dam, 43893.	8 dams-------	27	10,639	4.0	422
Herd Owner, Pennsylvania State College, State College.	Difference---	(7-6-7)	+1,113	+.2	+71
TARZAN'S MIKE OF SWISS HILLS 49926----------	11 daughters-	18	9,225	4.3	396
Born, 11-6-40; proved, 4-27-49;----; Wis.	6 daughters--	9	9,414	4.3	407
Sire, 39593; dam, 71134.	6 dams-------	18	10,102	4.1	412
Herd Owner, John Capaul, Alma Center.	Difference---	(4-4-5)	-688	+.2	-5

GUERNSEY SIRES

BOULDER BRIDGE EMIGRANT 238383----------	11 daughters-	24	8,083	4.9	399
Born, 10-4-35; proved, 4-27-49;----; Iowa.	5 daughters--	15	8,358	4.9	406
Sire, 216516; dam, 365599.	5 dams-------	12	8,415	4.6	384
Herd Owner, D. D. Frantz, Grand Junction.	Difference---	(2-4-1)	-57	+.3	+22
BOULDER BRIDGE GALAHAD 298824 *12----------	29 daughters-	51	8,370	5.1	430
Born, 9-4-40; proved, 4-28-49; dead; Ill.	29 dams------	104	7,483	4.8	362
Sire, 259502; dam, 406609.	Difference---	(18-22-23)	+887	+.3	+68
Herd Owner, Rolling Acres Farm, Elgin.					
BOULDER BRIDGE RECORDED 331097 *(June 1948)----------	15 daughters-	19	10,135	4.9	495
Born, 11-9-42; proved, 4-12-49; alive; Minn.	11 daughters-	14	10,100	5.1	511
Sire, 259502; dam, 668542.	11 dams------	16	8,034	5.1	408
Herd Owner, M. C. & Earl A. Ness, Albert Lea.	Difference---	(10-5-10)	+2,066	.0	+103
BRANDTJEN'S INHERITANCE 313997----------	9 daughters--	11	8,305	4.7	388
Born, 10-30-41; proved, 4-12-49; alive; Minn.	6 daughters--	8	8,291	4.6	384
Sire, 268142; dam, 592944.	6 dams-------	6	7,292	5.0	361
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(5-1-4)	+999	-.4	+23
BRIGHT LAD'S VALIANT 229711 *11----------	43 daughters-	87	7,358	4.8	352
Born, 7-27-35; proved, 4-1-49; dead; N. J.	30 daughters-	67	7,558	4.8	361
Sire, 180929; dam, 178091.	30 dams------	97	7,969	4.8	381
Used in Burlington Co. A. B. A.	Difference---	(14-15-12)	-411	.0	-20
BURLINGTON'S FREDDIE LAD 315760----------	10 daughters-	11	8,157	4.6	376
Born, 12-6-41; proved, 4-1-49; dead; N. J.	10 dams------	45	7,932	4.6	364
Sire, 174644; dam, 501830.	Difference---	(5-7-6)	+225	.0	+12
Herd Owner, George H. Preidel, Bordentown.					
BUTLER OF BURKE'S TAVERN 283091 *12----------	22 daughters-	37	7,752	5.0	384
Born, 9-1-39; proved, 4-13-49; alive; Va.	15 daughters-	25	7,788	5.0	386
Sire, 193945; dam, 478322.	15 dams------	42	6,808	4.8	324
Used in Southeastern A. B. A., N. C.	Difference---	(10-11-11)	+980	+.2	+62
CHARM OF ROSE HILL 329555 *(Aug. 1948)----------	13 daughters-	17	9,779	5.1	495
Born, 3-26-42; proved, 4-29-49; alive; Iowa.	10 daughters-	14	10,129	5.0	502
Sire, 243801; dam, 639956.	10 dams------	24	6,944	4.9	338
Used in Eastern Iowa A. B. A.	Difference---	(10-7-10)	+3,185	+.1	+164

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CHERUB'S BUOY OF ROAD VIEW 291023 *(May 1948)	8 daughters--	12	6,658	5.2	346
Born, 12-1-38; proved, 4-18-49;----; Minn.	8 dams-------	18	6,911	5.0	344
Sire, 247129; dam, 509714.	Difference---	(4-6-4)	-253	+.2	+2
Used in Minn. Valley & Southern Minn. A. B. A.'s.					
CURTISS CANDY BENNY 348637	5 daughters--	5	9,444	4.2	400
Born, 6-1-43, proved, 4-29-49;----; Wis.	5 dams-------	9	6,888	4.8	334
Sire, 291726; dam, 587251.	Difference---	(4-1-4)	+2,556	-.6	+66
Used in Kentucky A. B. A., Ky.					
ELMWOOD FARMS ROYAL MASTER 319654 *(Aug. 1948)	16 daughters-	24	9,260	4.7	438
Born, 2-25-42; proved, 4-29-49;----; Ind.	16 dams------	54	8,408	4.6	383
Sire, 279696; dam, 251227.	Difference---	(12-12-12)	+852	+.1	+55
Used in Indiana A. B. A.					
EVERGREEN'S HOPEMORE FERDINAND 277694 *12	16 daughters-	28	8,187	4.9	401
Born, 4-16-39; proved, 4-1-49; dead; N. J.	15 daughters-	27	8,111	4.9	394
Sire, 248512; dam, 459267.	15 dams------	51	7,990	4.7	379
Used in Burlington Co. A. B. A.	Difference---	(9-9-9)	+121	+.2	+15
FANSTAY OF ORONOKO 205682 *5	51 daughters-	115	9,545	4.7	450
Born, 8-15-32; proved, 4-18-49; dead; Mich.	32 daughters-	74	9,907	4.7	467
Sire, 162168; dam, 177723.	32 dams------	108	9,522	4.9	470
Herd Owner, Fred C. Gleason & Son, Sodus.	Difference---	(19-11-15)	+385	-.2	-3
FAYROYAL'S MAXIM 252051	13 daughters-	16	7,831	4.9	381
Born, 5-8-37; proved, 4-28-49;----; N. C.	7 daughters--	7	7,896	4.9	384
Sire, 117245; dam, 330111.	7 dams-------	9	8,682	4.8	414
Herd Owner, George Watts Hill, Rougemont.	Difference---	(3-4-2)	-786	+.1	-30
FENN HILL BUTTERFAT 299474	9 daughters--	11	9,762	4.6	450
Born, 12-20-40; proved, 4-12-49;----; Conn.	6 daughters--	7	9,367	4.7	444
Sire, 218621; dam, 574519.	6 dams-------	23	9,694	4.8	469
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(2-3-2)	-327	-.1	-25
FOREMOST JEWELLER 243870 *11	20 daughters-	33	8,211	4.9	399
Born, 5-29-36; proved, 4-29-49; alive; N. Y.	18 daughters-	31	8,175	4.8	396
Sire, 137088; dam, 239215.	18 dams------	46	7,335	4.8	352
Used in New York Co-op. A. B. A., Inc.	Difference---	(13-12-12)	+840	.0	+44
FOREMOST PREAMBLE 257510	26 daughters-	32	8,145	4.9	396
Born, 6-29-37; proved, 4-11-49; dead; Mass.	14 daughters-	17	8,365	4.8	401
Sire, 212227; dam, 153837.	14 dams------	26	8,935	4.5	399
Used in Massachusetts A. B. A., Inc.	Difference---	(7-12-8)	-570	+.3	+2
GREEN MEADS WINSTON 284536 *12	9 daughters--	14	7,699	4.7	365
Born, 10-15-39; proved, 4-20-49; dead; Conn.	8 daughters--	11	7,671	4.8	365
Sire, 216866; dam, 476024.	8 dams-------	10	8,320	4.9	412
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(4-4-2)	-649	-.1	-47
HAMPSHIRE HILLS GOLD 296354 *11	10 daughters-	14	9,487	5.0	476
Born, 8-4-40; proved, 4-14-49; alive; Mich.	10 dams------	29	9,034	4.9	447
Sire, 171199; dam, 578855.	Difference---	(7-4-7)	+453	+.1	+29
Used in Michigan Co-op. A. B. A., Inc.					
LOCKSHORE AMBASSADOR'S KING 273839	6 daughters--	13	8,521	5.1	437
Born, 3-4-39; proved, 4-19-49;----; Ind.	5 daughters--	11	8,400	5.1	430
[illegible]	5 dams-------	10	9,999	4.8	483
[illegible], Dissman & Thornton, Bremen.	Difference---	(2-4-2)	-1,599	+.3	-53
LOCKSHORE [illegible]'S PRINCE 319361	9 daughters--	11	9,563	4.8	460
Born, 3-26-42; proved, 4-14-49; dead; Mich.	6 daughters--	7	9,568	4.7	452
Sire, 194628; dam, 373534.	6 dams-------	20	8,198	5.0	408
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(4-1-5)	+1,370	-.3	+44
LONG [illegible] FASHION 266511	5 daughters--	6	7,708	4.8	369
Born, 2-7-40; proved, 4-27-49;----; Mich.	5 dams-------	19	7,267	5.1	370
Sire, 180412; dam, 435626.	Difference---	(2-2-3)	+441	-.3	-1
Herd Owner, John Bell, Pelkie.					
LUXERIN WATCHFUL 307191 *(Sept. 1948)	19 daughters-	21	8,366	4.8	397
Born, 5-10-41; proved, 4-14-49; alive; Mich.	14 daughters-	16	8,481	4.7	398
Sire, 209211; dam, 489129.	14 dams------	36	7,474	4.8	356
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(13-5-12)	+1,007	-.1	+42
MASHER'S REX BLEND 163238 *1	18 daughters-	47	8,644	4.6	398
Born, 10-21-28; proved, 4-18-49;----; Ind.	13 daughters-	34	8,378	4.6	383
Sire, 66727; dam, 162461.	13 dams------	22	7,761	4.8	375
Herd Owner, A. A. Sheetz, Bremen.	Difference---	(9-2-8)	+617	-.2	+8
MCDONALD FARMS GAY PRINCE 307811	10 daughters-	16	9,905	4.7	462
Born, 5-14-41; proved, 4-25-49;----; Mich.	6 daughters--	11	9,816	4.7	456
Sire, 212227; dam, 389686.	6 dams-------	22	9,866	4.5	447
Used in Indiana A. B. A., Ind.	Difference---	(3-4-3)	-50	+.2	+9

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MEYER FARM GLEN 288563 *(Feb. 1948)----------	24 daughters-	35	7,177	4.9	351
Born, 1-23-40; proved, 4-18-49; alive; Minn.	15 daughters-	21	7,233	4.9	357
Sire, 184788; dam, 469285.	15 dams------	21	7,408	4.5	334
Used in Floodwood Co-op. A. B. A.	Difference---	(8-13-9)	-175	+.4	+23
MINNEWASHTA CHALLENGER 249815----------	7 daughters--	[illegible]	5,619	5.0	281
Born, 11-23-35, proved, 4-27-49;----; Minn.	5 daughters--	10	[illegible]	4.8	276
Sire, 178871; dam, 309704.	5 dams-------	11	6,978	4.5	316
Herd Owner, Ronald A. Fraser, Grand Rapids.	Difference---	(0-4-1)	-1,275	+.3	[illegible]
MT. ARARAT ROYAL VALOR 343167----------	7 daughters--	[illegible]	11,335	4.4	495
Born, 10-18-43; proved, 4-25-49;----; Md.	6 daughters--	[illegible]	11,417	4.3	484
Sire, 228913; dam, 676075.	6 dams-------	[illegible]	[illegible]	4.6	460
Herd Owner, Mt. Ararat Farms, Port Deposit.	Difference---	(5-[illegible])	+1,418	-.3	+24
NOBLEMAN OF THE OAKS FARM 276914----------	25 daughters-	30	9,268	4.8	[illegible]
Born, 3-8-39; proved, 4-18-49; dead; Wis.	6 daughters--	8	9,135	5.0	457
Sire, 254625; dam, 440316.	6 dams-------	7	9,777	4.9	476
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).	Difference---	(2-4-3)	-642	+.1	-19
OWEN'S PLACE MAMIE'S LADDIE 282001 *12----------	25 daughters-	40	8,426	5.0	418
Born, 8-9-38; proved, 4-19-49; dead; Ind.	20 daughters-	33	8,297	4.9	410
Sire, 228826; dam, 510603.	20 dams------	[illegible]	7,993	5.2	412
Herd Owner, I. W. Shenefield & Son, Plymouth.	Difference---	(13-4-10)	+304	-.3	-2
PINE MANOR KING'S ROYAL 288236----------	23 daughters-	32	9,117	5.0	461
Born, 2-26-40; proved, 4-19-49;----; Ind.	17 daughters-	21	8,982	5.3	453
Sire, 250949; dam, 404060.	17 dams------	42	9,788	5.1	495
Herd Owner, Dietrich Farms,Inc. & Daniel Germann, Bremen.	Difference---	(7-9-5)	-806	-.1	-42
QUAIL ROOST PRINCE SOLOMON 260874----------	7 daughters--	14	8,285	4.9	403
Born, 9-15-37; proved, 4-29-49;----; Va.	6 daughters--	12	8,663	4.8	419
Sire, 209991; dam, 408687.	6 dams-------	17	6,759	4.9	329
Herd Owner, Homewood Farms, Agricola.	Difference---	(5-4-5)	+1,904	-.1	+90
RADISSON'S TRYAX 223617 *12----------	28 daughters-	48	7,135	5.1	365
Born, 4-10-34; proved, 4-29-49;----; Minn.	20 daughters-	32	7,042	5.1	361
Sire, 91632; dam, 244137.	20 dams------	56	7,356	4.9	363
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(9-13-11)	-314	+.2	-2
REX'S VOX POP OF BOLTON 265394 *11----------	34 daughters-	64	10,463	4.5	476
Born, 4-10-38; proved, 4-25-49;----; Md.	20 daughters-	41	10,[illegible]	4.5	473
Sire, 206215; dam, 344262.	20 dams------	46	9,484	4.8	452
Herd Owner, Mt. Ararat Farms, Port Deposit.	Difference---	(12-4-11)	+949	-.3	+21
TARBELL FARMS PEERLESS CAESAR 240902 *(June 1948)----------	19 daughters-	31	7,670	4.7	358
Born, 4-21-36; proved, 4-18-49; alive; N. Y.	17 daughters-	29	7,801	4.6	359
Sire, 214202; dam, 325042.	17 dams------	49	8,498	4.3	368
Used in Southeastern A. B. A., N. C.	Difference---	(7-11-9)	-697	+.3	-9
TARBELL FARMS ROYAL MAESTRO 279696 *11----------	57 daughters-	142	9,410	4.7	445
Born, 12-17-38; proved, 4-20-49;----; N. Y.	56 daughters-	140	9,399	4.7	445
Sire, 130308; dam, 207856.	56 dams------	216	9,413	4.9	464
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).	Difference---	(28-17-20)	-14	-.2	-19
TIANNA'S JETHRO 224888----------	40 daughters-	50	7,067	5.1	358
Born, 3-11-35; proved, 4-19-49; alive; Minn.	14 daughters-	17	7,011	5.1	357
Sire, 143053; dam, 321613.	14 dams------	22	7,349	4.6	341
Used in Floodwood Co-op. A. B. A.	Difference---	(5-12-8)	-338	+.5	+16

HOLSTEIN SIRES

AAGGIE DELLA ADMIRAL ORMSBY 887508----------	7 daughters--	7	13,939	3.7	513
Born, 4-17-43; proved, 4-11-49; alive; Iowa.	7 dams-------	18	13,191	3.5	465
Sire, 791980; dam, 2120085.	Difference---	(4-5-4)	+748	+.2	+48
Herd Owner, George Slater & Son, Olin.					
ADMIRAL BURKE HOMESTEAD 796258 *12----------	16 daughters-	35	13,[illegible]	3.6	485
Born, 11-30-39; proved, 4-13-49; alive; Minn.	14 daughters-	33	13,664	3.6	490
Sire, 661323; dam, 1509971.	14 dams------	78	12,494	3.4	427
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(9-12-9)	+1,170	+.2	+63
ADMIRAL ORMSBY FOBES MONTVIC 829732 *(May 1948)----------	12 daughters-	18	11,603	3.4	399
Born, 5-12-41; proved, 4-13-49; alive; Minn.	12 dams------	43	10,590	3.5	369
Sire, 799905; dam, 1085668.	Difference---	(7-8-8)	+1,013	-.1	+30
Used in Minn. Valley & Southern Minn. A. B. A.'s.					
ADMIRAL PIETERTJE PRIDE 847176 *(Sept. 1948)----------	9 daughters--	9	12,354	3.5	436
Born, 10-29-41; proved, 4-12-49;----; Iowa.	8 daughters--	8	12,412	3.6	442
Sire, 801735; dam, 1946177.	8 dams-------	32	9,133	3.5	320
Herd Owner, Edward Boysen, Dike.	Difference---	(8-6-8)	+3,279	+.1	+122

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BAKER FARM ORMSBY DIRECT 785359----------	9 daughters--	12	9,793	3.6	351
Born, 8-25-39; proved, 4-29-49; dead; Maine.	7 daughters--	10	10,163	3.5	359
Sire, 553013; dam, 1707027.	7 dams-------	24	11,241	3.6	403
Used in Maine Co-op. A. B. A.	Difference---	(2-3-1)	-1,078	-.1	-44
BAKER FARM WALKER LADEN 828758 *(Aug. 1948)----------	19 daughters-	26	12,193	3.5	432
Born, 2-25-41; proved, 4-8-49; alive; Mass.	17 daughters-	24	12,238	3.6	435
Sire, 608348; dam, 1865606.	17 dams------	59	11,533	3.5	404
Used in Massachusetts A. B. A., Inc.	Difference---	(11-12-12)	+705	+.1	+31
CARNATION HOMESTEAD ORMSBY KING (TWIN) 792110 *11----------	19 daughters-	30	15,871	3.5	549
Born, 1-5-40; proved, 4-29-49;----; Wash.	19 dams------	72	14,808	3.5	524
Sire, 629472; dam, 1645310.	Difference---	(14-9-13)	+1,063	.0	+25
Herd Owner, Burton Waugh, Burlington.					
CARNATION IMPERIAL ORMSBY HEILO 857489----------	11 daughters-	13	11,367	4.0	450
Born, 7-2[illegible], 4-20-49;----; Mich.	9 daughters--	10	11,[illegible]3	4.0	458
Sire, 69[illegible], 1840641.	9 dams-------	18	10,686	3.6	387
Used in Indiana A. B. A., Ind.	Difference---	(8-7-8)	+807	+.4	+71
CARNATION IMPERIAL TRITOMIA 857474----------	6 daughters--	7	12,511	3.9	490
Born, 6-11-42; proved, 4-29-49;----; Kans.	6 dams-------	17	11,784	3.7	436
Sire, 698462; dam, 2018967.	Difference---	(4-5-4)	+727	+.2	+54
Herd Owner, Leo F. Fickel, Thayer.					
CARNATION PEERLESS SIR HOMESTEAD 716446 *12----------	20 daughters-	32	11,003	3.4	374
Born, 2-23-35; proved, 4-29-49; dead; Iowa.	17 daughters-	27	10,695	3.4	367
Sire, 629480; dam, 1565749.	17 dams------	67	10,689	3.4	361
Used in Minn. Valley & Southern Minn. A. B. A.'s., Minn.	Difference---	(10-12-10)	+6	.0	+6
CHALLENGER TRANSMITTER AAGGIE 835595----------	8 daughters--	14	13,398	3.7	495
Born, 10-15-41; proved, 4-14-49; alive; Iowa.	7 daughters--	12	13,203	3.7	492
Sire, 794827; dam, 1804631.	7 dams-------	21	12,626	3.6	450
Used in Dairy Genetics, Inc. (A. B. A.).	Difference---	(4-6-4)	+577	+.1	+42
CLOVERCOURT ORMSBY ROYAL BLEND 788399 *12----------	16 daughters-	27	13,338	3.5	468
Born, 10-4-39; proved, 4-25-49; alive; N. Y.	16 dams------	52	14,383	3.5	498
Sire, 722643; dam, 1959808.	Difference---	(5-9-6)	-1,045	.0	-30
Used in New York Co-op. A. B. A., Inc.					
CLOVER LAWN INKA SIR DE COLA FOBES 829567----------	8 daughters--	11	10,039	4.2	417
Born, 7-31-41; proved, 4-29-49;----; Wis.	6 daughters--	9	9,687	4.1	402
Sire, 755247; dam, 1979287.	6 dams-------	13	11,917	3.8	451
Herd Owner, William F. Pohlman & Son, Marshall.	Difference---	(1-6-1)	-2,230	+.3	-49
COLONY VALE SIR HEILO 30TH (TWIN) 876822----------	10 daughters-	11	8,662	3.5	299
Born, 4-1-42; proved, 4-13-49;----; Wis.	8 daughters--	8	8,462	3.6	303
Sire, 111449 CHB; dam, 309314 CHB.	8 dams-------	22	10,501	3.4	358
Used in Tri-State Co-op. A. B. A.	Difference---	(1-6-0)	-2,039	+.2	-55
COLONY VROUKA SIR HENGERVELD 14TH (TWIN) 864216----------	33 daughters-	41	11,607	3.3	385
Born, 7-17-41; proved, 4-8-49;----; Wis.	24 daughters-	28	11,618	3.3	382
Sire, 120719 CHB; dam, 365593 CHB.	24 dams------	79	11,787	3.4	403
Used in University of Wisconsin (A. B. A.).	Difference---	(11-11-10)	-169	-.1	-21
COMMONWEALTH REX 827061----------	13 daughters-	20	11,497	3.6	409
Born, 3-6-41; proved, 4-11-49; alive; Ky.	7 daughters--	9	11,108	3.6	404
Sire, 681845; dam, 1957468.	7 dams-------	18	11,747	3.7	438
Herd Owner, John Wolf, Alexandria.	Difference---	(3-3-3)	-639	-.1	-34
CORDIAL WAS GREENWOOD 834771----------	6 daughters--	11	9,838	3.5	349
Born, 6-23-41; proved, 4-29-49;----; Pa.	5 daughters--	10	9,532	3.5	332
Sire, 772384; dam, 1732748.	5 dams-------	25	9,333	3.7	344
Herd Owner, Oscar Sickler, Osterhout.	Difference---	(3-2-2)	+199	-.2	-12
CORNELL PLEDGE BART (TWIN) 821314----------	9 daughters--	11	10,384	3.6	370
Born, 9-3-40; proved, 4-28-49; dead; N. Y.	6 daughters--	6	10,204	3.6	366
Sire, 746743; dam, 1619792.	6 dams-------	15	12,724	3.5	442
Herd Owner, Grover C. Guernsey, Schoharie.	Difference---	(1-4-1)	-2,520	+.1	-76
CORNELL PRIDE IDEAL 818021----------	18 daughters-	23	9,773	3.5	346
Born, 8-30-40; proved, 4-29-49;----; N. Y.	10 daughters-	12	9,520	3.5	337
Sire, 689012; dam, 1921687.	10 dams------	13	9,929	3.5	345
Herd Owner, Auburn Prison Farm, Auburn.	Difference---	(5-8-5)	-409	.0	-8
DUNLOGGIN MASTER ADANTHA 784131 *12----------	32 daughters-	66	13,506	3.5	479
Born, 10-27-39; proved, 4-25-49; alive; N. Y.	27 daughters-	59	14,087	3.5	500
Sire, 667915; dam, 1661823.	27 dams------	122	13,819	3.5	478
Used in New York Co-op. A. B. A., Inc.	Difference---	(14-19-16)	+268	.0	+22
EARLYWAY RAG APPLE LAWN 901186----------	7 daughters--	7	11,683	3.7	438
Born, 11-21-42; proved, 4-29-49;----; Wis.	7 dams-------	32	9,793	3.7	365
Sire, 811482; dam, 2049607.	Difference---	(5-3-6)	+1,890	.0	+73
Herd Owner, Clausen Brothers, Kenosha.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ELM RAG APPLE PAPOOSE POSCH 828187----------	17 daughters-	21	11,368	3.6	408
Born, 10-15-40; proved, 4-26-49;----; Va.	9 daughters--	11	10,903	3.7	399
Sire, 127371 CHB; dam, 284566 CHB.	9 dams-------	21	11,103	3.5	385
Used in Blue Ridge A. B. A.	Difference---	(5-7-6)	-200	+.2	+14
FAIRVIEW MONTVIC CHIEFTAIN 12TH 766065 *9----------	18 daughters-	33	12,188	3.7	453
Born, 12-17-37; proved, 4-29-49; alive; N. Y.	15 daughters-	29	11,640	3.7	433
Sire, 695644; dam, 1972587.	15 dams------	43	12,198	3.6	441
Used in New York Co-op. A. B. A., Inc.	Difference---	(7-11-7)	-558	+.1	-8
FEMCO KING PONTIAC BESS 703951 *12----------	31 daughters-	92	12,308	3.4	420
Born, 1-18-35; proved, 4-29-49; dead; Minn.	29 daughters-	85	12,446	3.4	426
Sire, 652820; dam, 1111878.	29 dams------	143	11,069	3.3	362
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(19-23-21)	+1,377	+.1	+64
GENERAL BEECHWOOD WAUSEONABEL 774374----------	5 daughters--	8	11,520	3.4	391
Born, 11-13-38; proved, 4-27-49;----; Wis.	5 dams-------	15	11,283	3.7	419
Sire, 694224; dam, 1742463.	Difference---	(3-0-2)	+237	-.3	-28
Herd Owner, Harvey Colrue, Ogdensburg.					
GENODALE PAUL GERBEN JOCKO 855351 *(Dec. 1948)----------	15 daughters-	16	12,102	3.5	423
Born, 3-30-42; proved, 4-26-49; alive; N. Y.	11 daughters-	12	12,032	3.5	425
Sire, 680074; dam, 1999032.	11 dams------	32	11,654	3.6	425
Used in New York Co-op. A. B. A., Inc.	Difference---	(6-2-5)	+378	-.1	0
GERHARDT TRIUNE CONDUCTOR BORDEN 800162 *12----------	17 daughters-	29	9,836	3.4	330
Born, 4-15-40; proved, 4-28-49;----; Kans.	15 daughters-	25	9,801	3.3	328
Sire, 748166; dam, 2036125.	15 dams------	37	7,269	3.5	258
Herd Owner, Earl Tebow, Courtland.	Difference---	(13-5-13)	+2,532	-.2	+70
GOVERNOR DAWN ARTHUR 790699 *12----------	25 daughters-	31	12,595	4.0	509
Born, 6-1-39; proved, 4-28-49;----; Wis.	23 daughters-	29	12,761	4.0	515
Sire, 743882; dam, 1914317.	23 dams------	54	12,001	3.5	416
Herd Owner, Van W. Evans, Whitewater.	Difference---	(12-22-18)	+760	+.5	+99
GOVERNOR GYPSIE FOBES 852929 *(June 1948)----------	14 daughters-	18	15,886	3.6	564
Born, 12-4-41; proved, 4-13-49; dead; Minn.	12 daughters-	16	15,637	3.6	564
Sire, 742590; dam, 1874805.	12 dams------	24	13,881	3.4	474
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(8-10-9)	+1,756	+.2	+90
HARTSBROOK KING JEMIMA ORMSBY 780456 *12----------	24 daughters-	26	12,552	3.5	445
Born, 12-2-38; proved, 4-19-49; alive; N. J.	16 daughters-	16	12,929	3.5	452
Sire, 579109; dam, 1796050.	16 dams------	40	11,819	3.6	427
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(10-6-9)	+1,110	-.1	+25
HERSHEY PIEBE CALAMITY 802824----------	7 daughters--	9	8,695	3.5	308
Born, 7-11-40; proved, 4-27-49;----; Pa.	5 daughters--	6	8,863	3.6	315
Sire, 682745; dam, 1944280.	5 dams-------	9	12,644	3.4	428
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(0-3-0)	-3,781	+.2	-113
HILL-MAN BURKE PIEBE 838339----------	10 daughters-	15	13,141	3.4	447
Born, 12-18-41; proved, 4-28-49;----; Ill.	7 daughters--	9	13,288	3.3	444
Sire, 790805; dam, 2188566.	7 dams-------	18	11,575	3.4	399
Herd Owner, Leslie H. Geddes, Winnebago.	Difference---	(5-2-3)	+1,713	-.1	+45
HILLSBORO SIR ONA JEWEL ALICE (TWIN) 780220 *12----------	20 daughters-	55	11,560	3.9	453
Born, 9-1-38; proved, 4-26-49;----; N. J.	20 dams------	117	10,113	3.6	360
Sire, 654594; dam, 1705172.	Difference---	(15-19-17)	+1,447	+.3	+93
Used in Blue Ridge A. B. A., Va.					
HUFF IDEAL CORNUCOPIA OSBORNDALE 846315----------	7 daughters--	7	9,618	3.7	352
Born, 3-12-42; proved, 4-25-49; alive; N. Y.	5 daughters--	5	9,349	3.7	343
Sire, 728771; dam, 1780914.	5 dams-------	18	10,775	3.4	362
Used in New York Co-op. A. B. A., Inc.	Difference---	(1-4-1)	-1,426	+.3	-19
INKA MONTVIC CHIEFTAIN COLONEL 843445----------	6 daughters--	9	11,573	4.0	460
Born, 1-6-42; proved, 4-29-49;----; Ill.	6 dams-------	14	11,667	3.9	453
Sire, 792389; dam, 2000792.	Difference---	(3-4-2)	-94	+.1	+7
Herd Owner, Inka Farms, Hampshire.					
JENNY PONTIAC KORNDYKE SEGIS 850853----------	8 daughters--	9	14,098	3.4	472
Born, 5-8-42; proved, 4-26-49;----; Wis.	8 dams-------	15	12,875	3.3	423
Sire, 791389; dam, 2052564.	Difference---	(5-5-6)	+1,223	+.1	+49
Herd Owner, Walter Haberman, Brodhead.					
KALAMAZOO COLANTHA PRINCE TOBSBOY 829450----------	5 daughters--	8	12,061	3.4	414
Born, 6-17-41; proved, 4-29-49;----; Mich.	5 dams-------	9	12,979	3.3	432
Sire, 781208; dam, 1939738.	Difference---	(2-4-2)	-918	+.1	-18
Herd Owner, Crouse Farm, Hartland.					
KELCO KING ORMSBY CHAMPION 804854----------	12 daughters-	21	9,893	3.5	349
Born, 4-7-40; proved, 4-29-49;----; N. Y.	6 daughters--	14	10,925	3.5	387
Sire, 760725; dam, 1724951.	6 dams-------	17	14,330	3.6	517
Herd Owner, Vernon R. Ross, Gowanda.	Difference---	(1-3-1)	-3,405	-.1	-130

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING BESSIE BELLE JEWEL (TWIN) 794066----------	7 daughters--	9	10,736	3.5	373
Born, 9-19-39; proved, 4-25-49; dead; Minn.	6 daughters--	8	10,636	3.5	368
Sire, 708264; dam, 1789322.	6 dams-------	31	10,038	3.4	339
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(3-4-3)	+598	+.1	+29
KING BESSIE KORNDYKE FORES 786840----------	9 daughters--	10	11,029	3.5	389
Born, 4-25-39; proved, 4-19-49; dead; Minn.	7 daughters--	8	10,491	3.4	360
Sire, 667791; dam, 1485332.	7 dams-------	11	11,596	3.5	405
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(2-5-2)	-1,105	-.1	-45
KING BESSIE MAN-O-WAR SEGIS 773110----------	22 daughters-	66	10,467	3.5	362
Born, 4-30-38; proved, 4-8-49;----; N. Dak.	18 daughters-	54	9,995	3.5	353
Sire, 723285; dam, 1877858.	18 dams------	64	10,650	3.4	361
Herd Owner, State Hospital for the Insane, Jamestown.	Difference---	(8-13-9)	-655	+.1	-8
KING PANSY PARDOSE 38TH 745234 *11----------	28 daughters-	41	11,352	3.4	387
Born, 2-3-37; proved, 4-26-49; dead; Minn.	23 daughters-	35	11,489	3.4	392
Sire, 654126; dam, 1009400.	23 dams------	52	11,639	3.5	407
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(10-13-9)	-150	-.1	-15
KING PIETS SKYLARK ORMSBY 758723 *10----------	15 daughters-	30	11,560	3.6	411
Born, 9-28-37; proved, 4-14-49; dead; Minn.	15 dams------	45	11,539	3.4	390
Sire, 696509; dam, 1638507.	Difference---	(8-11-9)	+21	+.2	+21
Herd Owner, Pond & George P. Williamson, Shakopee.					
KING VICTORIA GYPSIE 852925----------	11 daughters-	15	10,834	3.3	359
Born, 10-9-41; proved, 4-27-49;----; Minn.	5 daughters--	7	9,981	3.2	323
Sire, 742590; dam, 1934593.	5 dams-------	6	11,012	3.3	367
Herd Owner, Carl C. Steele & Son, Conger.	Difference---	(2-3-2)	-1,031	-.1	-44
KNOLLWOOD RENEGADE CHIEFTAIN 844276----------	9 daughters--	10	13,231	3.7	494
Born, 2-11-42; proved, 4-28-49;----; Ill.	8 daughters--	9	13,289	3.8	501
Sire, 695631; dam, 2120494.	8 dams-------	33	12,526	3.5	440
Herd Owner, John Derrer & Sons, Mount Carroll.	Difference---	(5-5-6)	+763	+.3	+61
LAKEFIELD ORMSBY FORES (TWIN) 800377 *(Mar. 1948)----------	22 daughters-	43	11,966	3.5	418
Born, 1-17-40; proved, 4-27-49;----; Mich.	18 daughters-	35	12,019	3.5	417
Sire, 571699; dam, 1412125.	18 dams------	65	11,811	3.5	409
Herd Owner, Eugene Arms, Lapeer.	Difference---	(10-10-11)	+208	.0	+8
LAUXMONT PERFECT PACEMAKER 845035----------	9 daughters--	12	14,140	3.6	516
Born, 2-16-42; proved, 4-29-49;----; Iowa.	7 daughters--	9	13,911	3.7	510
Sire, 787421; dam, 1897628.	7 dams-------	21	11,918	3.4	411
Herd Owner, Arthur A. Dengler, Davenport.	Difference---	(6-5-6)	+1,993	+.3	+99
LEO KING BESSIE POSCH 777177 *(Mar. 1948)----------	15 daughters-	31	10,979	3.7	405
Born, 5-29-39; proved, 4-18-49; alive; N. Y.	15 dams------	57	11,683	3.6	418
Sire, 695524; dam, 1846628.	Difference---	(4-11-6)	-704	+.1	-13
Used in New York Co-op. A. B. A., Inc.					
MAKIDA B B CREATOR KING 825625 *(Mar. 1948)----------	15 daughters-	28	10,655	3.8	405
Born, 4-11-40; proved, 4-19-49; alive; Wis.	12 daughters-	21	10,448	3.8	400
Sire, 724675; dam, 1766571.	12 dams------	55	11,377	3.6	407
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).	Difference---	(5-9-6)	-929	+.2	-7
MARSHALLMO BUS AAGGIE MATADOR 847023----------	8 daughters--	12	13,056	3.4	448
Born, 3-21-41; proved, 4-29-49;----; Mo.	8 dams-------	30	12,525	3.3	413
Sire, 757577; dam, 1587500.	Difference---	(4-6-6)	+531	+.1	+35
Herd Owner, Missouri State School, Marshall.					
MAYWOOD PRIDE MERCEDES 748788----------	6 daughters--	9	12,582	3.8	474
Born, 3-14-37; proved, 4-29-49;----; Ill.	5 daughters--	8	12,625	3.8	479
Sire, 669555; dam, 1623069.	5 dams-------	17	13,270	3.6	478
Herd Owner, W. M. Kimmelshue, Manteno.	Difference---	(2-4-2)	-645	+.2	+1
MERCEDES KING PIEBE PONTIAC 804493----------	13 daughters-	18	12,508	3.7	459
Born, 11-7-39; proved, 4-27-49;----; Pa.	6 daughters--	10	13,114	3.6	471
Sire, 698278; dam, 1794045.	6 dams-------	16	13,399	3.3	445
Herd Owner, Guy & Dick Dunn, Coudersport.	Difference---	(2-5-4)	-285	+.3	+26
M M LUDWIG TOPSY MYSTIC 852247----------	5 daughters--	5	14,000	3.4	475
Born, 5-8-42; proved, 4-27-49;----; Wis.	5 dams-------	9	13,962	3.4	473
Sire, 713951; dam, 1636204.	Difference---	(2-3-2)	+38	.0	+2
Herd Owner, William & Dean Sayre, Jefferson.					
MOKWA FEMCO QUALITY 848258----------	5 daughters--	5	12,772	3.3	421
Born, 5-21-42; proved, 4-19-49; dead; Minn.	5 dams-------	7	13,050	3.4	446
Sire, 768828; dam, 2139397.	Difference---	(3-1-3)	-278	-.1	-25
Used in Land O'Lakes Creameries, Inc. (A. B. A.).					
NORTH STAR BELL BOY 850713 *(July 1948)----------	14 daughters-	17	13,535	3.8	512
Born, 3-9-42; proved, 4-29-49;----; Minn.	14 dams------	45	10,686	3.8	403
Sire, 742938; dam, 1990025.	Difference---	(11-8-12)	+2,849	.0	+109
Used in Minn. Valley & Southern Minn. A. B. A.'s.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
OAKDALE MERCEDES DICTATOR FOBES 810740----------	17 daughters-	21	11,206	3.7	416
Born, 7-21-40; proved, 4-18-49;----; Iowa.	12 daughters-	14	11,316	3.7	424
Sire, 692526; dam, 1870684.	12 dams------	19	11,504	3.4	395
Used in Linn Co. Co-op. A. B. A.	Difference---	(5-11-9)	-188	+.3	+29
OOSTIE HOMESTEAD CANARY PRINCE 852406----------	5 daughters--	6	12,945	3.5	447
Born, 7-16-41; proved, 4-27-49;----; Wis.	5 dams-------	29	11,043	3.5	385
Sire, 764440; dam, 1731122.	Difference---	(5-2-5)	+1,902	.0	+62
Herd Owner, Mrs. Henry Wieman, Watertown.					
ORMSBY TRITOMIA KING BESSIE 838018----------	10 daughters-	12	9,089	3.4	305
Born, 9-29-41; proved, 4-29-49;----; Iowa.	8 daughters--	10	8,547	3.3	284
Sire, 668432; dam, 2049856.	8 dams-------	11	11,379	3.2	369
Herd Owner, John Holstad, Lake Mills.	Difference---	(1-5-1)	-2,832	+.1	-85
PABST BARTA VALE (TWIN) 824340 *(May 1948)----------	20 daughters-	37	13,770	3.7	515
Born, 5-2-41; proved, 4-12-49; alive; Minn.	15 daughters-	28	13,427	3.7	500
Sire, 761980; dam, 1438148.	15 dams------	36	13,551	3.2	434
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(8-14-12)	-124	+.5	+66
PEBBLE BEACH AMBASSADOR 853717 *(Nov. 1948)----------	24 daughters-	35	11,340	3.9	446
Born, 3-26-42; proved, 4-26-49; alive; N. Y.	24 dams------	117	12,608	3.8	473
Sire, 805397; dam, 2042354.	Difference---	(5-20-8)	-1,268	+.1	-27
Used in New York Co-op. A. B. A., Inc.					
POSCH ORMSBY FOBES EDEN 822709----------	20 daughters-	23	13,728	3.4	473
Born, 12-4-40; proved, 4-27-49;----; Ind.	9 daughters--	11	13,126	3.4	453
Sire, 623972; dam, 1865811.	9 dams-------	14	13,652	3.6	490
Herd Owner, C. Fields & Hendrickson, Kewanna.	Difference---	(3-5-3)	-526	-.2	-37
PRIDE SENSATION JEWEL ACE 743063 *12----------	65 daughters-	98	11,391	3.8	431
Born, 10-6-36; proved, 4-14-49; dead; N. Y.	57 daughters-	85	11,732	3.8	445
Sire, 709269; dam, 1510849.	57 dams------	210	12,188	3.6	439
Used in Maine Co-op. A. B. A., Maine.	Difference---	(25-46-33)	-456	+.2	+6
PRILLY SENSATION PRIDE 852063 *(June 1948)----------	9 daughters--	15	14,311	3.8	538
Born, 3-18-41; proved, 4-25-49; alive; Ill.	8 daughters--	12	14,414	3.7	540
Sire, 666430; dam, 1346021.	8 dams-------	34	12,857	3.6	468
Used in Northern Illinois Co-op. A. B. A.	Difference---	(6-6-6)	+1,557	+.1	+72
RAG-HERO BEST SIR COLANTHA YANKEE 832235 *12----------	10 daughters-	19	12,827	3.5	444
Born, 4-14-41; proved, 4-25-49; alive; N. Y.	10 dams------	55	13,181	3.5	462
Sire, 565375; dam, 1642361.	Difference---	(4-7-3)	-354	.0	-18
Used in New York Co-op. A. B. A., Inc.					
ROLLING KNOLL MASTER POSCH FOBES 874306----------	6 daughters--	6	13,831	3.8	519
Born, 11-29-42; proved, 4-8-49; alive; Md.	6 dams-------	30	11,039	3.8	424
Sire, 769577; dam, 1995129.	Difference---	(5-4-5)	+2,792	.0	+95
Herd Owner, Edwin D. Fry & Sons, Laytonsville.					
ROLLING WOODS DYNAMITE 843496----------	13 daughters-	16	13,686	3.5	485
Born, 2-10-42; proved, 4-28-49;----; Ill.	12 daughters-	14	13,441	3.6	478
Sire, 714946; dam, 1877257.	12 dams------	37	12,638	3.7	473
Herd Owner, Rolling Woods Farm, Elgin.	Difference---	(8-4-6)	+803	-.1	+5
ROSNI HOMESTEAD HALE BURKE 846488----------	7 daughters--	7	12,075	3.3	397
Born, 8-27-41; proved, 4-29-49;----; Va.	6 daughters--	6	12,638	3.3	413
Sire, 654536; dam, 1733177.	6 dams-------	24	10,025	3.4	337
Herd Owner, C. M. Garnett & Sons, Charlottesville.	Difference---	(6-4-6)	+2,613	-.1	+76
ROWSDALE EXPECTATION 897932----------	24 daughters-	25	10,427	3.8	392
Born, 10-4-36; proved, 4-11-49; alive; Maine.	13 daughters-	14	10,326	3.8	393
Sire, 108103 CHB; dam, 143014 CHB.	13 dams------	30	10,125	3.7	375
Used in Maine Co-op. A. B. A.	Difference---	(6-8-7)	+201	+.1	+18
ST CROIXCO BURKE PANSY BELMONT 829017 *(Mar. 1948)---------	13 daughters-	20	13,287	3.5	470
Born, 3-22-41; proved, 4-12-49; alive; Iowa.	13 dams------	37	12,308	3.4	423
Sire, 715862; dam, 1838904.	Difference---	(10-8-11)	+979	+.1	+47
Herd Owner, De Jong Brothers Co., Orange City.					
SANDHURST FOBES RETURN SIDE HILL 859164----------	8 daughters--	9	10,373	4.1	427
Born, 9-21-42; proved, 4-29-49;----; Ill.	8 dams-------	19	11,107	3.5	393
Sire, 810173; dam, 2183960.	Difference---	(2-8-4)	-734	+.6	+34
Herd Owner, Henry M. Ward & George D. Brown, Polo.					
SHIAWANA CHALLENGER 793951 *11----------	18 daughters-	38	13,173	3.4	447
Born, 5-6-39; proved, 4-11-49; alive; Mich.	14 daughters-	32	12,660	3.4	433
Sire, 732743; dam, 1671282.	14 dams------	39	12,573	3.5	437
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(7-6-6)	+87	-.1	-4
SIR BESSIE ORMSBY DELLA 809707 *(Feb. 1948)----------	20 daughters-	27	11,855	3.1	373
Born, 3-4-40; proved, 4-29-49; dead; Minn.	11 daughters-	17	12,280	3.2	390
Sire, 708264; dam, 1907551.	11 dams------	22	12,009	3.2	380
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(7-5-7)	+271	.0	+10

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR IOWA DONA TIDY BESSIE 847222----------	5 daughters--	6	15,529	3.5	544
Born, 3-28-42; proved, 4-28-49;----; Iowa.	5 dams-------	17	14,568	3.5	516
Sire, 771204; dam, 1986126.	Difference---	(4-3-4)	+961	.0	+28
Herd Owner, Earl L. Felt, Adel.					
SIR ORMSBY TRITOMIA JACK 848553----------	8 daughters--	14	11,067	3.6	398
Born, 10-27-41; proved, 4-29-49;----; Iowa.	5 daughters--	10	10,945	3.7	402
Sire, 770832; dam, 2071732.	5 dams-------	11	10,040	3.5	352
Herd Owner, Lewis Dudley, Coggon.	Difference---	(3-4-3)	+905	+.2	+50
SIR SEGIS BURKE DOEDE 877766----------	5 daughters--	5	16,456	3.3	546
Born, 10-7-42; proved, 4-8-49;----; Idaho.	5 dams-------	7	14,199	3.3	473
Sire, 697415; dam, 1338159.	Difference---	(5-3-5)	+2,257	.0	+73
Used in Cache Valley Co-op. A. B. A., Utah.					
SIR TRITOMIA TRANSMITTER 886174----------	9 daughters--	9	14,910	3.7	545
Born, 1-18-4[illegible]; proved, 4-11-49; alive; Iowa.	5 daughters--	5	14,783	3.7	540
Sire, 754[illegible]; dam 1729747.	5 dams-------	15	13,245	3.7	484
Herd Owner, Rockcrest Farms, Elkader.	Difference---	(4-3-4)	+1,538	.0	+56
SKYLARK PRIDE PERFECTION FOBES 798226 *(Sept. 1948)----------	24 daughters-	32	12,306	3.7	456
Born, 2-27-40; proved, 4-6-49;----; Ill.	21 daughters-	27	12,723	3.7	470
Sire, 754520; dam, 1872547.	21 dams------	80	12,927	3.6	467
Herd Owner, Clarkdale Farm, Barrington.	Difference---	(11-11-13)	-204	+.1	+3
TYLER FARMS MASTER LEE 829607----------	54 daughters-	54	12,358	3.7	463
Born, 10-23-40; proved, 4-12-49; alive; Ill.	43 daughters-	43	12,455	3.7	465
Sire, 698518; dam, 1884404.	43 dams------	116	12,191	3.7	445
Used in Northern Illinois Co-op. A. B. A.	Difference---	(23-28-28)	+264	.0	+20
WALKER ORMSBY SEGIS INKA 847183----------	6 daughters--	19	10,658	3.3	353
Born, 1-6-40; proved, 4-29-49;----; Md.	5 daughters--	17	10,888	3.4	369
Sire, 744403; dam, 1679596.	5 dams-------	20	11,716	3.4	402
Herd Owner, W. Robert Newnam, Massey.	Difference---	(1-2-2)	-828	.0	-33
WEBER ADMIRAL BURKE FOBES 838721----------	9 daughters--	9	14,981	3.6	538
Born, 11-11-41; proved, 4-12-49; alive; Va.	8 daughters--	8	14,884	3.6	534
Sire, 697789; dam, 1980591.	8 dams-------	20	12,904	3.8	489
Herd Owner, L. J. Crowgey, Wytheville.	Difference---	(7-3-6)	+1,980	-.2	+45
WHIRLHILL SENATOR RAG APPLE POSCH 830269 *(July 1948)-----	23 daughters-	27	12,539	3.5	441
Born, 1-18-41; proved, 4-25-49; alive; N. Y.	17 daughters-	21	12,418	3.5	438
Sire, 715568; dam, 1517313.	17 dams------	45	11,900	3.5	419
Used in New York Co-op. A. B. A., Inc.	Difference---	(10-10-10)	+518	.0	+19

JERSEY SIRES

ADA'S INTEREST FAIR OBSERVER 435245----------	6 daughters--	6	9,024	5.5	500
Born, 7-2-41; proved, 4-29-49;----; Ill.	6 dams-------	6	8,140	5.6	452
Sire, 378562; dam, 886572.	Difference---	(5-4-5)	+884	-.1	+48
Herd Owner, Robert Pepper, Rockford.					
ALLEGANY JAP DON 424369 *(Mar. 1948)----------	17 daughters-	24	7,564	5.5	419
Born, 9-17-40; proved, 4-25-49; alive; N. Y.	14 daughters-	19	7,519	5.5	413
Sire, 350067; dam, 1014354.	14 dams------	61	7,443	5.1	379
Used in New York Co-op. A. B. A., Inc.	Difference---	(8-11-9)	+76	+.4	+34
BEAUTY GOLDEN LADDIE 414188 *12----------	15 daughters-	19	6,145	5.3	328
Born, 5-4-40; proved, 4-29-49;----; Pa.	12 daughters-	15	6,355	5.3	336
Sire, 389488; dam, 1073961.	12 dams------	44	7,164	5.0	355
Herd Owner, Charles F. Adams, Waynesburg.	Difference---	(5-11-6)	-809	+.3	-19
BECKY BLONDE DESIGN 439930 *(Oct. 1948)----------	8 daughters--	15	8,375	5.5	463
Born, 1-9-42; proved, 4-19-49; alive; Wis.	8 dams-------	27	7,247	5.4	392
Sire, 408869; dam, 1261730.	Difference---	(6-5-7)	+1,128	+.1	+71
Used in Minn. Valley & Southern Minn. A. B. A.'s., Minn.					
BINDLE'S ROYAL FRANCHISE 434694 *12----------	11 daughters-	22	7,780	5.1	397
Born, 8-4-41; proved, 4-29-49;----; Iowa.	11 dams------	38	8,015	5.4	434
Sire, 405292; dam, 1134421.	Difference---	(5-2-3)	-235	-.3	-37
Used in Indiana A. B. A., Ind.					
BRAMPTON VALIANT FLASH 423376 *12----------	9 daughters--	19	7,207	5.3	384
Born, 10-16-40; proved, 4-14-49;----; Minn.	8 daughters--	18	6,838	5.4	367
Sire, 382599; dam, 1148955.	8 dams-------	15	5,562	5.4	300
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(7-5-5)	+1,276	.0	+67
CORONATION DANDY BOY 414704----------	5 daughters--	6	8,191	5.1	421
Born, 8-28-39; proved, 4-28-49;----; Iowa.	5 dams-------	12	6,917	5.5	379
Sire, 363630; dam, 1189235.	Difference---	(4-2-4)	+1,274	-.4	+42
Herd Owner, Robert Smith, New Providence.					

JERSEY SIRES	Animals	[illegible] averaged	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
DREAMING MOOR SWEET AIM 422886 *(Feb. 1948)----------	21 daughters-	40	8,987	5.4	465
Born, 3-17-41; proved, 4-29-49;----; Kans.	18 daughters-	34	8,756	5.4	473
Sire, 400134; dam, 1073983.	18 dams------	72	8,682	5.2	448
Used in Texas A. & M. College A. B. A., Tex.	Difference---	(9-16-10)	+74	+.2	+25
FAIRVIEW TORONO OWL 380846 *(June 1948)----------	35 daughters-	57	8,479	5.2	438
Born, 1-30-37; proved, 4-19-49;----; Minn.	9 daughters--	15	8,646	5.2	452
Sire, 237791; dam, 931948.	9 dams-------	14	8,310	5.1	426
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(6-7-7)	+336	+.1	+26
FERN PEANTOM PRINCE 426066----------	9 daughters--	16	8,330	5.4	447
Born, 10-16-40; proved, 4-28-49;----; Minn.	5 daughters--	10	8,670	5.4	472
Sire, 388911; dam, 1133920.	5 dams-------	8	7,737	5.5	429
Herd Owner, Frank Furst, Lake City.	Difference---	(5-4-4)	+933	-.1	+43
FLOSS' DUKE MODEL VANDYKE 414702 *12----------	9 daughters--	17	7,429	5.2	384
Born, 3-13-40; proved, 4-28-49; dead; Vt.	9 dams-------	29	7,[illegible]	4.8	364
Sire, 369058; dam, 673165.	Difference---	(3-8-5)	[illegible]	+.4	+20
Herd Owner, Sanford Phillips, Pittsford.					
GRACEFUL PROGRESS OWL 418378 *12----------	20 daughters-	[illegible]	6,175	[illegible]	[illegible]
Born, 11-19-40; proved, 4-29-49;----; Va.	14 daughters-	21	6,033	5.9	355
Sire, 353305; dam, 1062561.	14 dams------	17	8,063	5.4	[illegible]
Herd Owner, E. W. Thompson, Woodbridge.	Difference---	(5-12-6)	-2,030	+.5	-80
HONOR BRIGHT PHIL 289914----------	7 daughters--	12	7,736	4.7	367
Born, 6-23-27; proved, 4-29-49;----; Tenn.	7 dams-------	17	7,245	5.4	[illegible]
Sire, 135355; dam, 468312.	Difference---	(3-1-2)	+491	-.7	-25
Herd Owner, T. E. Harris, Lewisburg.					
IMP. OXFORDIA'S PIONEER 382280----------	8 daughters--	16	[illegible]	4.9	278
Born, 3-26-36; proved, 4-27-49;----; Mo.	6 daughters--	12	5,860	4.9	285
Sire, 373030; dam, P. S. 41849 H. C.	6 dams-------	20	6,701	4.6	311
Herd Owner, Clifford Mustion, Peace Valley.	Difference---	(2-4-2)	-841	+.3	-26
IXIA'S ROYAL OXFORD PRINCE 426673 *(Mar. 1948)----------	10 daughters-	12	[illegible]	[illegible]	402
Born, 11-19-40; proved, 4-18-49;----; N. Y.	10 dams------	[illegible]	[illegible]	[illegible]	[illegible]
Sire, 401587; dam, 934135.	Difference---	(5-6-6)	+420	-.1	+21
Used in New York Co-op. A. B. A., Inc.					
JEFF RADIOLETTE OWL 439356 *(Oct. 1948)----------	14 daughters-	16	8,478	5.5	466
Born, 3-13-42; proved, 4-18-49; alive; Maine.	14 dams------	[illegible]	8,247	5.0	415
Sire, 407912; dam, 1032227.	Difference---	(6-13-11)	+231	+.5	+51
Used in Maine Co-op. A. B. A.					
MADELINE'S TWINKS STAR 380866----------	10 daughters-	13	7,256	5.4	391
Born, 4-20-36; proved, 4-27-49; dead; Ohio.	5 daughters--	8	7,774	5.5	428
Sire, 293439; dam, 757646.	5 dams-------	13	7,858	5.3	414
Herd Owner, Samuel S. Studebaker, Tipp City.	Difference---	(2-3-3)	-84	+.2	+14
MASTERMAN OXFORD LAD 416290 *12----------	25 daughters-	46	6,523	5.4	352
Born, 2-13-40; proved, 4-29-49; dead; Oreg.	22 daughters-	41	6,561	5.4	355
Sire, 368081; dam, 848657.	22 dams------	95	7,505	5.5	410
Herd Owner, Lee W. Foster, Halsey.	Difference---	(6-12-7)	-944	-.1	-55
RALEIGH FOX VOL. BARONET 454049----------	8 daughters--	8	8,549	5.4	464
Born, 9-20-43; proved, 4-18-49;----; N. Y.	8 dams-------	19	8,349	5.5	458
Sire, 406267; dam, 1223054.	Difference---	(5-3-3)	+200	-.1	+6
Used in Wis. Scientific Breeding Institute, Wis. (A.B.A.).					
SIGNAL CORPS 388705 *12----------	13 daughters-	26	7,444	5.2	391
Born, 3-8-38; proved, 4-29-49; dead; Mass.	8 daughters--	21	8,093	5.2	422
Sire, 311360; dam, 952136.	8 dams-------	25	8,092	5.2	420
Herd Owner, John W. Little, North Marshfield.	Difference---	(6-3-3)	+1	.0	+2
SNOWDROP BLONDE PRINCE 418114----------	10 daughters-	13	7,211	4.9	355
Born, 12-8-40; proved, 4-29-49;----; Ohio.	7 daughters--	9	7,501	4.9	371
Sire, 395593; dam, 854740.	7 dams-------	14	7,356	5.2	386
Herd Owner, Walter W. Hess, Bradford.	Difference---	(4-2-3)	+145	-.3	-15
SPEARHEAD SULTAN 428873 *(Nov. 1948)----------	8 daughters--	12	8,122	5.8	468
Born, 2-21-41; proved, 4-14-49; alive; Ill.	8 dams-------	28	7,888	5.4	429
Sire, 375322; dam, 1200366.	Difference---	(4-7-6)	+234	+.4	+39
Used in Southern Illinois A. B. A.					
STANDARD OXFORD BARONET 419537 *(Aug. 1948)----------	12 daughters-	15	6,623	5.4	358
Born, 12-23-40; proved, 4-29-49;----; Oreg.	12 dams------	44	7,304	5.6	409
Sire, 376838; dam, 978975.	Difference---	(4-4-4)	-681	-.2	-51
Herd Owner, Roy E. & Sarah W. Davis, Philomath.					
VICTOR CAVALIER 401034 *10----------	23 daughters-	32	8,056	5.1	409
Born, 9-28-38; proved, 4-11-49; dead; N. H.	22 daughters-	31	8,087	5.1	411
Sire, 377872; dam, 1147452.	22 dams------	56	7,506	5.4	402
Used in University of Nebraska, Nebr. (A. B. A.).	Difference---	(14-5-13)	+581	-.3	+9

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
VICTOR SOPHIE BEN 397719----------	25 daughters-	56	7,961	5.5	439
Born, 4-2-38; proved, 4-28-49; dead; N. J.	16 daughters-	39	7,993	5.6	447
Sire, 354940; dam, 1007683.	16 dams------	26	9,788	5.0	492
Herd Owner, William H. Sandford & Son, Lafayette.	Difference---	(4-13-6)	-1,795	+.6	-45
VICTOR VALOR 401035 *12----------	13 daughters-	25	7,460	5.4	402
Born, 10-22-38; proved, 4-18-49;----; Mass.	12 daughters-	24	7,508	5.4	407
Sire, 377872; dam, 1027639.	12 dams------	35	8,263	5.2	428
Used in Massachusetts A. B. A., Inc.	Difference---	(4-10-6)	-755	+.2	-21
VOLUNTEER FERN DRACONIS 410394----------	9 daughters--	11	6,305	5.3	335
Born, 5-29-39; proved, 4-27-49;----; Minn.	7 daughters--	9	6,135	5.2	319
Sire, 362744; dam, 1056665.	7 dams-------	29	6,792	5.6	380
Herd Owner, R. H. Johnson, Verndale.	Difference---	(3-0-2)	-657	-.4	-61
34-D9573 (DHIA EARTAG)----------	7 daughters--	12	7,930	5.8	463
Born, ----; proved, 4-28-49;----; Mich.	6 daughters--	11	7,769	5.9	462
Sire, ----; dam, ----.	6 dams-------	28	8,947	5.2	463
Herd Owner, Cole & Ensign, Sherwood.	Difference---	(3-5-4)	-1,178	+.7	-1

RED DANE SIRES

51*D544 (EARTAG) *12----------	42 daughters-	78	7,297	4.4	321
Born, 10-24-40; proved, 4-19-49; alive; Mich.	34 daughters-	61	7,087	4.4	310
Sire, 51*D502; dam, 51*D20.	34 dams------	85	7,040	4.4	309
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(18-18-17)	+47	.0	+1

AMERICAN DAIRY CATTLE CLUB SIRES

ELMWOOD FARMS ROYAL MASTER 334
(This sire is also a registered Guernsey "Elmwood Farms Royal Master 319654." Proved Sire data included in Guernsey listing.)

FAIRVIEW MONTVIC CHIEFTAIN 12TH 861
(This sire is also a registered Holstein "Fairview Montvic Chieftain 12th 766065." Proved Sire data included in Holstein listing.)

GENODALE PAUL GERBEN JOCKO 1046
(This sire is also a registered Holstein "Genodale Paul Gerben Jocko 855351." Proved Sire data included in Holstein listing.)

MASHER'S REX BLEND 176
(This sire is also a registered Guernsey "Masher's Rex Blend 163238." Proved Sire data included in Guernsey listing.)

PEBBLE BEACH AMBASSADOR 563
(This sire is also a registered Holstein "Pebble Beach Ambassador 853717." Proved Sire data included in Holstein listing.)

RALEIGH FOX VOL. BARONET 883
(This sire is also a registered Jersey "Raleigh Fox Vol. Baronet 454049." Proved Sire data included in Jersey listing.)

TARBELL FARMS PEERLESS CAESAR 530
(This sire is also a registered Guernsey "Tarbell Farms Peerless Caesar 240902." Proved Sire data included in Guernsey listing.)

TARBELL FARMS ROYAL MAESTRO 148
(This sire is also a registered Guernsey "Tarbell Farms Royal Maestro 279696." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter **Vol. 25, No. 6**

June 1949

PROVED SIRES IN ARTIFICIAL-BREEDING ASSOCIATIONS

Of the 1,940 sires reported in service in artificial-breeding associations on January 1, 1949, 514, or 26.5 percent, have DHIA proved-sire records.

The daughters of the 514 sires had an average production of 10,499 pounds of milk and 436 pounds of butterfat. Only 54, or 10.5 percent, of the 514 sires had daughters averaging less than 350 pounds of butterfat while 313, or 61 percent, had daughters that averaged 400 pounds or more.

The data in the following table indicate the producing capacity that the 514 DHIA proved sires are transmitting to herds enrolled in artificial-breeding associations.

Proved sires in service in artificial-breeding associations, January 1, 1949 (grouped according to butterfat range of the dams to which they were mated)

Butterfat production range (Dams)	Sires	Sires that Maintained or increased production	Sires that Decreased production	Average production: Dams Milk	Dams Fat	Daughters Milk	Daughters Fat	Difference Fat
Pounds	Number	Number	Number	Pounds	Pounds	Pounds	Pounds	Pounds
250-274	1	1	0	6,793	261	6,997	293	+32
275-299	9	7	2	7,112	292	8,045	341	+49
300-324	14	12	2	7,333	314	8,009	364	+50
325-349	30	27	3	7,498	338	8,030	374	+36
350-374	51	41	10	8,719	363	9,558	402	+39
375-399	96	72	24	9,352	388	9,806	417	+29
400-424	119	88	31	10,312	412	10,683	438	+26
425-449	90	62	28	10,824	437	11,035	454	+17
450-474	51	33	18	11,422	460	11,561	475	+15
475-499	25	16	9	12,503	486	12,570	500	+14
500-524	23	8	15	13,299	514	12,994	508	-6
525-549	3	0	3	15,265	538	13,314	474	-64
550-574	2	0	2	15,750	551	14,079	515	-36
Total	514	367	147					
Average				10,157	412	10,499	436	+24

DHIA PROVED-SIRE RECORDS TABULATED IN MAY 1949

Following is a list of 542 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in May 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 12 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AVON ROBBLEA PATROL 2D 72929----------	6 daughters--	7	8,192	4.0	330
Born, 8-28-42; proved, 5-23-49;----; Pa.	5 daughters--	5	8,312	4.1	337
Sire, 61458; dam, 214811.	5 dams-------	10	7,209	3.8	270
Herd Owner, D. L. Sattazahn, Avon.	Difference---	(3-4-4)	+1,103	+.3	+67
AYRLAND CHIEF LUSTRE 67921 *(Sept. 1948)----------	15 daughters-	21	7,857	4.0	318
Born, 9-17-40; proved, 5-6-49; dead; N. Y.	11 daughters-	15	7,930	4.0	317
Sire, 59309; dam, 138635.	11 dams------	23	8,014	3.8	307
Herd Owner, Bernard Emerling, Springville.	Difference---	(5-9-5)	-84	+.2	+10
BAKER FARM ROSETTA'S STARBOY 58882----------	6 daughters--	7	8,556	4.0	338
Born, 5-6-38; proved, 5-5-49;----; Vt.	5 daughters--	6	8,404	4.0	339
Sire, 41621; dam, 155439.	5 dams-------	17	8,140	3.8	311
Herd Owner, Brandon Town Farm, Brandon.	Difference---	(3-4-3)	+264	+.2	+28
BENAYR YOU'LL DO 70700----------	6 daughters--	7	7,367	3.9	288
Born, 6-1-42; proved, 5-23-49;----; N. H.	6 dams-------	21	7,908	4.1	322
Sire, 59607; dam, 150066.	Difference---	(1-2-2)	-541	-.2	-34
Herd Owner, Benayr Farm, Lebanon.					
BETSY'S BARR AYR OF JUSTAMERE FARM 74964----------	7 daughters--	7	12,033	4.0	480
Born, 6-9-43; proved, 5-19-49;----; N. Y.	6 daughters--	6	12,352	3.9	485
Sire, 63417; dam, 202562.	6 dams-------	17	8,904	4.3	380
Herd Owner, Daniel J. Murphy, Hector.	Difference---	(6-2-5)	+3,448	-.4	+105
BURNSIDE FUTURE HOPE 66064----------	17 daughters-	36	7,999	4.1	325
Born, 12-13-37; proved, 5-20-49;----; Ohio.	5 daughters--	13	9,169	4.2	384
Sire, 95052; dam, 200535 CHB.	5 dams-------	10	8,840	3.9	349
Herd Owner, West Unity Woolen Mills, West Unity.	Difference---	(3-5-4)	+329	+.3	+35
CAROLINA'S TIME WILL TELL 70243----------	5 daughters--	6	8,372	4.3	357
Born, 1-13-42; proved, 5-5-49;----; N. C.	5 dams-------	15	9,133	4.2	379
Sire, 41263; dam, 106634.	Difference---	(1-4-3)	-761	+.1	-22
Herd Owner, Central Experiment Station, Raleigh.					
CLARKLAND SPICEY BOB 73553----------	8 daughters--	9	8,233	4.0	327
Born, 10-10-41; proved, 5-17-49;----; Pa.	8 dams-------	25	9,067	4.0	365
Sire, 47586; dam, 218975.	Difference---	(2-4-2)	-834	.0	-38
Herd Owner, Howard T. Law, Clinton.					
COTTON'S RAE TITAN 70661----------	5 daughters--	5	9,727	4.0	386
Born, 12-4-41; proved, 5-23-49;----; Ohio.	5 dams-------	19	9,458	3.8	357
Sire, 61498; dam, 182482.	Difference---	(3-4-2)	+269	+.2	+29
Herd Owner, M. E. Emerick & Sons, La Fayette.					
GOOD ACRES GOVERNER 70760----------	7 daughters--	7	8,910	4.4	395
Born, 7-13-42; proved, 5-11-49;----; N. H.	7 dams-------	35	9,363	4.0	378
Sire, 51943; dam, 180347.	Difference---	(2-6-3)	-453	+.4	+17
Herd Owner, Iris Farm, Franconia.					
GOOD ACRES MODEL 72541----------	6 daughters--	6	9,837	4.0	396
Born, 1-24-43; proved, 5-5-49;----; Pa.	5 daughters--	5	10,149	4.0	411
Sire, 35622; dam, 239658.	5 dams-------	12	9,204	4.0	371
Herd Owner, Jo-Earlie-Ayr Farm, Millersburg.	Difference---	(4-3-4)	+945	.0	+40
GOOD ACRES RAINY DAY 71030----------	9 daughters--	10	9,048	4.0	366
Born, 8-4-42; proved, 5-23-49;----; Pa.	5 daughters--	5	8,778	4.1	357
Sire, 60696; dam, 206915.	5 dams-------	14	9,044	4.1	375
Herd Owner, Good Acres Farm, Fayetteville.	Difference---	(3-3-3)	-266	.0	-18
HUDSHA CLARABELLE'S DOUGLAS 66168----------	8 daughters--	13	7,340	3.9	287
Born, 9-17-40; proved, 5-11-49;----; N. Y.	7 daughters--	10	7,433	3.9	290
Sire, 49807; dam, 176348.	7 dams-------	24	7,657	3.9	296
Herd Owner, Stacy & Hammond, Port Gibson.	Difference---	(3-5-3)	-224	.0	-6
IROQUOIS CHARMING DUKE 66231----------	6 daughters--	9	5,411	3.9	212
Born, 12-24-40; proved, 5-27-49;----; Pa.	6 dams-------	26	7,364	3.9	286
Sire, 61091; dam, 181533.	Difference---	(0-3-0)	-1,953	.0	-74
Herd Owner, Stewart Farms, Williamsport.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
IROQUOIS ROYAL STAR 62342----------	11 daughters-	20	7,008	4.3	305
Born, 7-19-39; proved, 5-6-49;----; N. Y.	7 daughters--	11	6,639	4.4	292
Sire, 48722; dam, 180683.	7 dams-------	20	8,271	4.0	331
Herd Owner, Ernest B. Wight & Son, Gouverneur.	Difference---	(0-6-1)	-1,632	+.4	-39
IROQUOIS VISTA KING 74136----------	5 daughters--	5	11,337	4.1	470
Born, 5-13-43; proved, 5-10-49; dead; N. Y.	5 dams-------	16	10,579	4.1	429
Sire, 55678; dam, 212562.	Difference---	(3-3-3)	+758	.0	+41
Used in New York Co-op. A. B. A., Inc.					
LAFAYR LAST MAN 62032----------	7 daughters--	7	9,910	4.4	432
Born, 4-12-39; proved, 5-4-49; alive; N. Y.	6 daughters--	6	10,298	4.4	455
Sire, 43060; dam, 154028.	6 dams-------	29	9,127	4.3	395
Herd Owner, Charles M. Rodriguez, Cropseyville.	Difference---	(3-5-3)	+1,171	+.1	+60
LANEWAY SIR KAY 70368----------	11 daughters-	13	9,036	4.2	376
Born, 4-18-42; proved, 5-23-49;----; Mass.	11 dams------	34	10,087	4.2	426
Sire, 44210; dam, 149222.	Difference---	(4-4-3)	-1,051	.0	-50
Herd Owner, Laneway Farm Dairy Co., Taunton.					
LANEWAY WESTWARD HO 72828----------	6 daughters--	6	9,223	4.0	365
Born, 1-18-43; proved, 5-17-49;----; Ohio.	6 dams-------	17	8,966	4.2	375
Sire, 51577; dam, 167327.	Difference---	(3-1-3)	+257	-.2	-10
Herd Owner, Ellis Evans, Newark.					
LIPPITT KESTER 72133----------	5 daughters--	6	7,087	4.0	282
Born, 11-12-42; proved, 5-5-49; dead; Vt.	5 dams-------	30	8,957	3.7	331
Sire, 45019; dam, 156710.	Difference---	(0-5-0)	-1,870	+.3	-49
Herd Owner, Holden Brothers, Pittsford.					
LUSTRE LINDY OF NEWARK 64081 *12----------	15 daughters-	31	9,319	4.0	374
Born, 3-7-40; proved, 5-27-49; dead; N. Y.	13 daughters-	27	9,233	4.1	375
Sire, 59309; dam, 165072.	13 dams------	47	9,667	4.1	400
Herd Owner, Elwood M. Peck, Hilton.	Difference---	(6-8-5)	-434	.0	-25
MT. HARMON IDEAL OF '41 71147 *(Mar. 1948)----------	17 daughters-	26	8,647	4.0	350
Born, 6-9-41; proved, 5-27-49;----; Md.	15 daughters-	23	8,971	4.1	366
Sire, 58001; dam, 115467.	15 dams------	42	8,604	4.2	362
Herd Owner, Walnut Grove Farm, Centerville.	Difference---	(7-7-8)	+367	-.1	+4
MT. HARMON O'BOY 72470----------	5 daughters--	7	7,648	3.9	300
Born, 8-18-42; proved, 5-20-49;----; Md.	5 dams-------	11	7,879	3.9	306
Sire, 67106; dam, 115467.	Difference---	(3-4-3)	-231	.0	-6
Herd Owner, Mt. Harmon Farm, Earleville.					
NESHAMINY RED JACKET 64131 *11----------	19 daughters-	47	10,138	3.6	367
Born, 4-5-40; proved, 5-27-49;----; Ind.	18 daughters-	45	10,179	3.6	369
Sire, 52000; dam, 111492.	18 dams------	72	10,551	3.7	393
Herd Owner, Randolph M. Core, Franklin.	Difference---	(9-7-8)	-372	-.1	-24
NESHAMINY WAR LOAN 73293----------	6 daughters--	6	11,217	4.3	485
Born, 3-21-43; proved, 5-17-49;----; Pa.	5 daughters--	5	11,166	4.4	490
Sire, 52000; dam, 183126.	5 dams-------	17	10,563	4.1	433
Herd Owner, Delchester Farms, Edgemont.	Difference---	(2-4-3)	+603	+.3	+57
QUAKER LANE DOON MAJOR 74794----------	6 daughters--	6	8,960	4.3	382
Born, 1-7-43; proved, 5-17-49;----; N. Y.	6 dams-------	14	8,066	4.1	327
Sire, 64674; dam, 189730.	Difference---	(4-5-5)	+894	+.2	+55
Herd Owner, E. I. Hatfield, Hyde Park.					
RIVERSIDE GLADYS AXE'S DORGOLD 64995----------	18 daughters-	19	6,351	4.3	273
Born, 3-9-40; proved, 5-11-49; dead; N. Y.	12 daughters-	13	6,273	4.3	270
Sire, 55497; dam, 190571.	12 dams------	16	7,137	4.3	310
Herd Owner, Bolder Ledge Farm, Mannsville.	Difference---	(5-8-5)	-864	.0	-40
ROSELAWN COMMANDO 74513----------	5 daughters--	5	9,890	4.3	425
Born, 2-17-43; proved, 5-17-49;----; Pa.	5 dams-------	17	9,530	4.6	434
Sire, 50792; dam, 177495.	Difference---	(3-0-2)	+360	-.3	-9
Herd Owner, Roselawn Farm, Malvern.					
SHARON VIEW EMERALD'S GLEAM 70857----------	6 daughters--	6	10,680	4.2	447
Born, 2-19-42; proved, 5-11-49;----; Ohio.	5 daughters--	5	11,071	4.2	464
Sire, 61764; dam, 121041.	5 dams-------	20	8,732	4.1	361
Herd Owner, Ellis Evans, Newark.	Difference---	(3-3-4)	+2,339	+.1	+103
SILVER RUN COMMANDO 72255----------	11 daughters-	12	7,273	4.1	301
Born, 11-6-42; proved, 5-23-49;----; Conn.	10 daughters-	11	7,391	4.1	306
Sire, 62282; dam, 193658.	10 dams------	36	8,951	3.9	350
Herd Owner, Hillyland Farm, Willimantic.	Difference---	(1-7-1)	-1,560	+.2	-44
SNOWBIRD'S CHAMPION 69439----------	5 daughters--	5	7,414	4.6	338
Born, 9-28-41; proved, 5-24-49;----; Ohio.	5 dams-------	16	9,362	4.1	382
Sire, 62740; dam, 204094.	Difference---	(0-5-1)	-1,948	+.5	-44
Herd Owner, Steed Brothers, Radnor.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SOLAR'S SHELIA'S LAD 64065----------	18 daughters-	24	8,139	4.2	340
Born, 1-4-40; proved, 5-10-49;----; Ohio.	13 daughters-	17	8,818	4.1	364
Sire, 55761; dam, 156457.	13 dams------	31	9,893	4.2	414
Herd Owner, O' Ayr Stock Farm, Pataskala.	Difference---	(5-5-3)	-1,075	-.1	-50
SOUTH WOOD ADMIRAL 69111----------	6 daughters--	8	9,094	3.5	319
Born, 1-9-42; proved, 5-23-49;----; Ind.	6 dams-------	18	9,859	3.5	343
Sire, 62465; dam, 195299.	Difference---	(2-4-2)	-765	.0	-24
Herd Owner, Otto B. Lehman, Berne.					
SPRINGBURN FUTURE HOPE, IMP. 63085----------	8 daughters--	11	7,895	3.9	305
Born, 12-23-37; proved, 5-11-49; alive; Ill.	5 daughters--	5	8,061	3.9	313
Sire, 48135; dam, 290264.	5 dams-------	11	10,084	3.8	380
Herd Owner, Spinney-Run Farm, Libertyville.	Difference---	(1-3-1)	-2,023	+.1	-67
SPRING CRESS GOLD ARMOUR 68151----------	6 daughters--	6	8,217	4.3	351
Born, 8-13-41; proved, 5-5-49; alive; Pa.	5 daughters--	5	8,646	4.3	369
Sire, 55199; dam, 184771.	5 dams-------	22	10,167	4.1	418
Herd Owner, Spring Cress Farm, Yardley.	Difference---	(1-4-1)	-1,521	+.2	-49
STORRS VICTORY DOUGLAS 71521----------	7 daughters--	8	8,699	4.2	364
Born, 7-19-42; proved, 5-16-49; dead; Nebr.	6 daughters--	6	8,779	4.2	368
Sire, 54561; dam, 191617.	6 dams-------	10	9,097	4.3	388
Herd Owner, University of Nebraska, Lincoln.	Difference---	(2-3-3)	-318	-.1	-20
STRATHBAR DOUGLAS VALOR 71298----------	6 daughters--	7	8,541	4.3	365
Born, 7-15-42; proved, 5-20-49;----; N. Y.	5 daughters--	6	8,647	4.3	372
Sire, 62566; dam, 199170.	5 dams-------	15	10,641	4.2	452
Herd Owner, Strathbar Farm, Frankfort.	Difference---	(1-3-1)	-1,994	+.1	-80
STRATHGLASS BONNIE DEE 65784----------	5 daughters--	12	8,628	4.5	387
Born, 12-6-40; proved, 5-6-49;----; Iowa.	5 dams-------	11	8,928	3.8	341
Sire, 51655; dam, 105633.	Difference---	(2-5-4)	-300	+.7	+46
Herd Owner, Marion L. Timmins, Washington.					
STRATHGLASS SUPREME DOUGLAS 72033----------	6 daughters--	6	8,236	4.0	329
Born, 10-30-42; proved, 5-17-49;----; Mass.	6 dams-------	14	7,773	4.1	322
Sire, 52884; dam, 97809.	Difference---	(3-2-4)	+463	-.1	+7
Herd Owner, Maiden Hill Farm, Ward Hill.					
VALMOUNT ANSON 69705----------	5 daughters--	10	10,109	4.0	404
Born, 1-26-42; proved, 5-5-49; dead; Mass.	5 dams-------	15	11,805	3.8	452
Sire, 61861; dam, 192151.	Difference---	(1-4-2)	-1,696	+.2	-48
Herd Owner, Charles A. Culver, Williamsburg.					
WHITPAIN CHEERIO 72195----------	6 daughters--	7	7,941	4.3	344
Born, 12-28-41; proved, 5-17-49;----; Pa.	6 dams-------	16	8,043	4.2	340
Sire, 62145; dam, 225518.	Difference---	(3-4-4)	-102	+.1	+4
Herd Owner, Glenbrook Farm, Concordville.					
WHITPAIN SUNNY KING 56256----------	24 daughters-	47	7,297	4.0	294
Born, 3-19-37; proved, 5-9-49;----; Pa.	16 daughters-	32	7,600	4.1	308
Sire, 44209; dam, 127921.	16 dams------	75	7,603	4.1	310
Herd Owner, Leon Bishop, Perkasie.	Difference---	(8-8-10)	-3	.0	-2
WOOD FORD BROWN DOUGLAS 60813----------	12 daughters-	14	8,329	3.7	307
Born, 3-3-39; proved, 5-27-49;----; Conn.	5 daughters--	6	8,531	3.7	315
Sire, 41820; dam, 143223.	5 dams-------	5	7,430	3.7	273
Herd Owner, Russell A. Brague, New Preston.	Difference---	(4-4-5)	+1,101	.0	+42
WOOD FORD HIGH FAT 69587----------	9 daughters--	9	9,275	4.2	392
Born, 8-7-42; proved, 5-23-49;----; Conn.	9 dams-------	24	8,756	3.8	336
Sire, 62585; dam, 212471.	Difference---	(6-9-8)	+519	+.4	+56
Herd Owner, Intervale Farm, Granby.					
WOODHULL JUST RIGHT 68511----------	5 daughters--	7	6,536	4.2	274
Born, 10-20-41; proved, 5-23-49;----; Kans.	5 dams-------	16	9,148	4.2	380
Sire, 49301; dam, 180350.	Difference---	(0-4-0)	-2,612	.0	-106
Herd Owner, Kelman Brothers, Arlington.					
42-H6663 (DHIA EARTAG)----------	8 daughters--	10	6,334	4.2	264
Born, ----; proved, 5-24-49;----; Iowa.	7 daughters--	9	6,273	4.2	262
Sire, ----; dam, ----.	7 dams-------	19	8,486	3.9	333
Herd Owner, Fred Hoeger & Son, Maynard.	Difference---	(1-6-1)	-2,213	+.3	-71

BROWN SWISS SIRES

ALERT'S JUNIOR 46240----------	7 daughters--	9	10,184	4.0	411
Born, 10-26-39; proved, 5-11-49;----; Wis.	5 daughters--	6	10,410	4.0	413
Sire, 36825; dam, 51728.	5 dams-------	17	10,632	3.9	414
Herd Owner, James Steen, Osseo.	Difference---	(1-3-3)	-222	+.1	-1

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ANNIE'S KEEPER J. B. 48945	9 daughters--	13	9,752	4.0	393
Born, 12-16-40; proved, 5-12-49;----; Wis.	5 daughters--	8	11,070	4.1	451
Sire, 31653; dam, 77015.	5 dams-------	15	10,833	4.1	445
Herd Owner, William M. Hensel & Son, Alma Center.	Difference---	(3-2-3)	+237	.0	+6
BARON'S VICTORY BOY 51505	5 daughters--	8	10,526	4.1	428
Born, 11-25-40; proved, 5-27-49;----; Iowa.	5 dams-------	15	8,807	3.9	346
Sire, 42856; dam, 64280.	Difference---	(4-4-4)	+1,719	+.2	+82
Herd Owner, Howard F. & Virginia Martin, Whitten.					
BRIGHT'S REX OF QUEEN 53992	5 daughters--	6	9,358	4.2	391
Born, 8-31-41; proved, 5-16-49;----; Iowa.	5 dams-------	21	8,887	3.9	343
Sire, 38932; dam, 45672.	Difference---	(3-4-4)	+471	+.3	+48
Herd Owner, Walter Miller, Buffalo Center.					
ELMHURST'S MILO A. C. 51697	5 daughters--	6	9,492	4.1	386
Born, 5-2-41; proved, 5-27-49;----; Wis.	5 dams-------	21	10,575	3.9	408
Sire, 26553; dam, 81778.	Difference---	(1-4-2)	-1,083	+.2	-22
Herd Owner, Floyd W. Plankey, Beloit.					
IOKA NED 35232	11 daughters-	18	10,170	4.1	415
Born, 12-22-35; proved, 5-5-49;----; Wis.	6 daughters--	7	9,841	4.2	415
Sire, 14851; dam, 14300.	6 dams-------	13	9,308	4.1	379
Herd Owner, Wilmer A. Drollinger, Auburndale.	Difference---	(5-4-4)	+533	+.1	+36
JOSEPH D. D. 54160	6 daughters--	7	13,841	4.2	577
Born, 2-23-42; proved, 5-2-49; alive; Iowa.	6 dams-------	22	9,593	4.2	401
Sire, 36887; dam, 74513.	Difference---	(5-3-6)	+4,248	.0	+176
Herd Owner, Elmer E. Mussman, Vinton.					
KING NORMAN 49053	7 daughters--	10	7,982	4.0	323
Born, 12-15-40; proved, 5-9-49;----; Wash.	6 daughters--	9	7,731	4.0	313
Sire, 29967; dam, 60654.	6 dams-------	12	9,518	3.8	366
Herd Owner, L. A. Burkhalter, Raymond.	Difference---	(0-5-0)	-1,787	+.2	-53
LULABELL'S PRIDE PROGRESSOR 54380	7 daughters--	10	10,316	3.7	385
Born, 1-8-42; proved, 5-16-49;----; Iowa.	6 daughters--	8	10,247	3.7	379
Sire, 43159; dam, 61214.	6 dams-------	23	9,701	3.9	379
Herd Owner, T. H. Luitjens, Ashton.	Difference---	(4-1-3)	+546	-.2	0
ONALEE BLANKUS 49842	8 daughters--	10	8,625	4.3	372
Born, 8-8-40; proved, 5-24-49;----; Ky.	7 daughters--	8	8,742	4.3	376
Sire, 30445; dam, 78577.	7 dams-------	15	9,741	4.2	406
Herd Owner, John A. Caldwell, Burlington.	Difference---	(1-5-2)	-999	+.1	-30
PAT OF STANSWISS 59127	8 daughters--	11	10,572	4.2	442
Born, 10-28-41; proved, 5-23-49; dead; N. Y.	5 daughters--	6	10,580	4.0	428
Sire, 58918; dam, 112948.	5 dams-------	15	10,469	3.9	412
Herd Owner, Leon R. Pritchard, Canandaigua.	Difference---	(3-5-3)	+111	+.1	+16
PRIDE OF MORGANHOME 54137	6 daughters--	8	10,244	3.6	374
Born, 4-20-42; proved, 5-16-49;----; Ind.	6 dams-------	20	10,206	3.9	401
Sire, 47807; dam, 83719.	Difference---	(3-2-2)	+38	-.3	-27
Herd Owner, William F. Klaehn, Fort Wayne.					
PRIVET'S ROYAL JUNIOR OF LEE'S HILL 37565 *(Aug. 1948)	33 daughters-	57	12,137	4.3	521
Born, 3-18-37; proved, 5-6-49; dead; Ill.	25 daughters-	45	12,217	4.3	526
Sire, 28594; dam, 36503.	25 dams------	103	11,555	3.9	451
Used in Eastern Stephenson A. B. A.	Difference---	(15-23-20)	+662	+.4	+75
QUEEN'S ROYAL OF NORTHSIDE 46563	7 daughters--	9	7,992	4.0	321
Born, 1-9-40; proved, 5-9-49;----; Ohio.	7 dams-------	31	8,743	4.2	369
Sire, 37138; dam, 48483.	Difference---	(2-1-2)	-751	-.2	-48
Herd Owner, Philip & Henry Garverick, Galion.					
ROYAL GRUMPY OF LEE'S HILL 51523 *(Sept. 1948)	13 daughters-	15	10,516	3.9	410
Born, 5-6-41; proved, 5-27-49; dead; Minn.	13 dams------	39	8,771	4.1	363
Sire, 46267; dam, 72853.	Difference---	(9-4-9)	+1,745	-.2	+47
Herd Owner, Old Elm Farm, Winona.					
ROYAL'S FRIDAY OF LEE'S HILL 56726	6 daughters--	7	10,272	4.1	425
Born, 3-3-42; proved, 5-10-49;----; Wis.	6 dams-------	16	11,557	4.0	464
Sire, 28594; dam, 36503.	Difference---	(2-4-2)	-1,285	+.1	-39
Herd Owner, Ostval Farms, Burlington.					
SPRING VALLEY AUGUST 57893	8 daughters--	9	10,356	4.3	447
Born, 8-17-42; proved, 5-10-49;----; Ill.	8 dams-------	22	9,901	4.0	398
Sire, 46687; dam, 63211.	Difference---	(4-7-6)	+455	+.3	+49
Herd Owner, Savage-Marydale Farms, Lafox.					
SUSANNA'S ROYAL LAD 49727	6 daughters--	8	11,652	3.8	443
Born, 12-8-40; proved, 5-25-49;----; Iowa.	6 dams-------	23	12,424	3.9	479
Sire, 38631; dam, 71472.	Difference---	(2-4-2)	-772	-.1	-36
Herd Owner, Walter H. Kruempel, Arlington.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
V. B. PHEIFER VOGEL 3D 51263 *(May 1948)----------	11 daughters-	18	9,534	3.8	359
Born, 11-11-40; proved, 5-27-49; dead; Wis.	11 dams------	37	7,446	4.0	300
Sire, 43108; dam, 42665.	Difference---	(9-3-9)	+2,088	-.2	+59
Herd Owner, Arbor Marsh, Brodhead.					
WALHALLA PIONEER PRINCE 52603----------	5 daughters--	6	8,473	4.1	348
Born, 7-14-41; proved, 5-9-49;----; N. Y.	5 dams-------	21	8,916	4.0	358
Sire, 35293; dam, 47384.	Difference---	(2-5-2)	-443	+.1	-10
Herd Owner, Earl Bellinger, Amsterdam.					
GUERNSEY SIRES					
ADOHR ELDOR CLAUD 315264----------	6 daughters--	8	7,365	5.3	389
Born, 11-28-41; proved, 5-24-49;----; Ariz.	5 daughters--	7	8,061	5.3	426
Sire, 217325; dam, 529835.	5 dams-------	17	7,930	4.9	390
Herd Owner, University of Arizona, Tucson.	Difference---	(4-5-4)	+131	+.4	+36
AUDACIOUS MAJOR GENERAL 240489----------	11 daughters-	17	9,320	4.8	444
Born, 6-18-35; proved, 5-3-49;----; Ind.	5 daughters--	9	9,114	4.9	443
Sire, 166976; dam, 112794.	5 dams-------	11	8,449	4.6	388
Herd Owner, J. Ward & Floyd E. Leeper, Argos.	Difference---	(3-4-3)	+665	+.3	+55
BISCOE HEARTSEASE NATHAN 269662----------	14 daughters-	19	8,151	4.4	360
Born, 8-17-38; proved, 5-24-49;----; Conn.	5 daughters--	6	8,164	4.7	381
Sire, 225530; dam, 408780.	5 dams-------	6	7,958	5.0	395
Herd Owner, David Kramer, Southbury.	Difference---	(4-2-3)	+206	-.3	-14
BLAKEFORD PATRIOT 289761----------	8 daughters--	9	6,735	4.5	306
Born, 6-25-40; proved, 5-4-49;----; Pa.	5 daughters--	5	6,668	4.5	299
Sire, 216197; dam, 511948.	5 dams-------	12	7,310	4.6	339
Herd Owner, Shadow Brook Dairy Farm, Tunkhannock.	Difference---	(2-2-1)	-642	-.1	-40
BLENHEIM SPRING'S SUPERIOR 294446----------	11 daughters-	12	7,584	4.5	339
Born, 6-1-40; proved, 5-23-49;----; Va.	9 daughters--	9	7,533	4.5	339
Sire, 286873; dam, 205512.	9 dams-------	12	8,753	4.3	379
Herd Owner, T. L. Timberlake & Sons, Ballsville.	Difference---	(3-5-3)	-1,220	+.2	-40
BONDWICK'S VANGUARD 303822----------	11 daughters-	11	8,541	5.2	444
Born, 6-14-41; proved, 5-25-49;----; Pa.	11 dams------	35	8,023	5.2	416
Sire, 262153; dam, 423374.	Difference---	(7-5-7)	+518	.0	+28
Herd Owner, Longwood Farms, Kennett Square.					
BOULDER BRIDGE COMET 270293----------	12 daughters-	21	8,472	5.1	430
Born, 10-17-38; proved, 5-4-49; dead; Minn.	7 daughters--	12	8,973	5.0	448
Sire, 192481; dam, 259326.	7 dams-------	12	7,834	4.6	364
Herd Owner, Albert M. Tennis & Sons, Hayward.	Difference---	(4-7-6)	+1,139	+.4	+84
BOULDER BRIDGE DICTATOR 294658 *12----------	14 daughters-	28	7,063	5.0	353
Born, 1-10-40; proved, 5-16-49; dead; Iowa.	14 dams------	55	7,414	4.9	361
Sire, 259502; dam, 369596.	Difference---	(6-8-5)	-351	+.1	-8
Herd Owner, R. A. Nelson & Son, Independence.					
BOULDER BRIDGE FAIRY PRINCE 309341----------	7 daughters--	8	8,467	4.5	379
Born, 6-7-41; proved, 5-27-49;----; Minn.	6 daughters--	7	8,461	4.4	372
Sire, 262344; dam, 456665.	6 dams-------	10	8,951	4.8	430
Herd Owner, Damon Freiheit, Lake City.	Difference---	(4-2-1)	-490	-.4	-58
BOULDER BRIDGE HOPEFUL 293971 *12----------	16 daughters-	25	7,209	5.0	359
Born, 6-27-40; proved, 5-3-49; dead; Iowa.	16 dams------	47	7,275	5.0	361
Sire, 145445; dam, 422181.	Difference---	(7-10-6)	-66	.0	-2
Herd Owner, R. A. Nelson & Son, Independence.					
BOURNEDALE MAXIM GAY LAD 326784----------	8 daughters--	10	6,084	5.7	345
Born, 7-11-42; proved, 5-26-49;----; Pa.	7 daughters--	9	6,233	5.6	350
Sire, 223212; dam, 564328.	7 dams-------	24	7,074	5.0	351
Herd Owner, C. E. Cassel & Son, Hummelstown.	Difference---	(1-7-1)	-841	+.6	-1
BROOKLANDWOOD ERIN 318004----------	11 daughters-	13	6,377	5.0	318
Born, 12-24-41; proved, 5-25-49;----; Pa.	6 daughters--	8	6,440	5.0	323
Sire, 237500; dam, 257627.	6 dams-------	12	6,222	4.6	284
Herd Owner, H. G. Baugher, Aspers.	Difference---	(4-6-4)	+218	+.4	+39
CATHEDRAL PETE RILMA 289183----------	12 daughters-	18	6,180	4.3	268
Born, 11-12-39; proved, 5-5-49;----; Calif.	6 daughters--	9	5,579	4.7	261
Sire, 250004; dam, 263133.	6 dams-------	15	7,698	4.4	335
Herd Owner, Josephine Scripps, Santee.	Difference---	(0-5-0)	-2,119	+.3	-74
CESOR ELECT MAXIM 317645----------	6 daughters--	9	6,815	4.7	320
Born, 11-12-41; proved, 5-24-49;----; Mich.	5 daughters--	7	6,886	4.7	325
Sire, 254833; dam, 498957.	5 dams-------	10	6,676	4.9	329
Herd Owner, Arthur Wood, Dryden.	Difference---	(3-2-3)	+210	-.2	-4

GUERNSEY SIRES	Animal:	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CHAPMAN'S ROYAL MONARCH 316305----------	5 daughters--	6	8,626	5.0	429
Born, 3-17-42; proved, 5-27-49;----; N. Y.	5 dams-------	16	8,040	5.2	414
Sire, 219946; dam, 438007.	Difference---	(3-2-2)	+586	-.2	+15
Herd Owner, Floyd Somes, Memphis.					
CHICONA CALIPH 296176----------	17 daughters-	24	8,957	5.0	447
Born, 7-23-40; proved, 5-10-49; alive; Wash.	10 daughters-	12	8,897	5.1	451
Sire, 218521; dam, 540345.	10 dams------	26	7,866	5.0	390
Herd Owner, William G. Reed, Sequim.	Difference---	(8-6-7)	+1,031	+.1	+61
CHICONA VILLARS 316707----------	5 daughters--	5	6,692	5.3	354
Born, 11-25-41; proved, 5-23-49;----; Wash.	5 dams-------	11	6,874	4.9	336
Sire, 218521; dam, 346726.	Difference---	(1-4-4)	-182	+.4	+18
Herd Owner, Sidney E. Butts, Morton.					
CHUCKANUT PHYLLAD 291479----------	8 daughters--	12	10,958	4.7	517
Born, 4-15-40; proved, 5-3-49; dead; Idaho.	5 daughters--	8	11,793	4.6	539
Sire, 251892; dam, 547470.	5 dams-------	15	9,936	4.9	491
Herd Owner, Charles J. Pritzl, New Plymouth.	Difference---	(4-1-2)	+1,857	-.3	+48
CHUCKANUT SOUTHMAN 314709----------	6 daughters--	7	7,045	5.1	359
Born, 1-1-42; proved, 5-26-49;----; Wash.	6 dams-------	17	7,769	5.1	393
Sire, 22754 CHB; dam, 700448.	Difference---	(3-4-2)	-724	.0	-34
Herd Owner, George Twidwell & Earl Richart, Montesano.					
CORIUM SLOGAN'S OMAR 215264 *5----------	13 daughters-	29	7,384	4.7	344
Born, 7-1-33; proved, 5-3-49;----; Wis.	11 daughters-	26	7,125	4.6	330
Sire, 166129; dam, 314119.	11 dams------	35	7,173	4.7	336
Herd Owner, Mrs. Elsie Miller, Sturgeon Bay.	Difference---	(5-6-6)	-48	-.1	-6
CORIUM SLOGAN'S REGAL 234812 *7----------	12 daughters-	25	6,494	5.2	340
Born, 9-3-35; proved, 5-19-49; dead; Wis.	12 dams------	45	7,184	5.1	368
Sire, 166129; dam, 302278.	Difference---	(3-8-3)	-690	+.1	-28
Herd Owner, Ernest A. Bruns, Madison.					
COUNT STERLING 287309----------	19 daughters-	36	9,959	5.1	505
Born, 1-5-40; proved, 5-12-49;----; Pa.	12 daughters-	22	10,130	5.0	502
Sire, 227598; dam, 505988.	12 dams------	60	9,469	4.9	463
Herd Owner, Sterling Farm, Alderson.	Difference---	(6-6-9)	+661	+.1	+39
DAYDREAM'S JEANIE'S JERRY 316866----------	7 daughters--	10	6,640	5.1	340
Born, 3-9-42; proved, 5-24-49;----; Pa.	6 daughters--	8	6,577	5.1	333
Sire, 264663; dam, 307794.	6 dams-------	23	6,781	4.9	332
Herd Owner, Paul W. Lewis & Sons, Washington.	Difference---	(2-4-4)	-204	+.2	+1
DOUGLASTON LORD VALERIAN 232346----------	5 daughters--	5	7,698	4.8	370
Born, 12-10-35; proved, 5-4-49; dead; N. Y.	5 dams-------	18	7,362	5.0	370
Sire, 166260; dam, 369594.	Difference---	(3-1-3)	+336	-.2	0
Herd Owner, Floyd Southard & Son, Ira.					
DUNWALKE TREMPEALEAU ARCADIA 322562----------	8 daughters--	9	8,319	4.7	389
Born, 8-16-42; proved, 5-19-49;----; Wis.	8 dams-------	30	8,076	4.4	353
Sire, 288923; dam, 652639.	Difference---	(5-7-7)	+243	+.3	+36
Herd Owner, Henry Hanson, Blair.					
ENTERPRISE CAPTAIN PETER 291741----------	13 daughters-	21	7,904	4.5	354
Born, 8-4-40; proved, 5-4-49; dead; Md.	7 daughters--	10	7,176	4.6	329
Sire, 217742; dam, 491395.	7 dams-------	17	8,684	4.7	410
Herd Owner, N. H. White, Jr., Mitchellville.	Difference---	(1-2-1)	-1,508	-.1	-81
FLYING HILL ROYAL GEORGE 303150----------	9 daughters--	12	6,991	5.1	360
Born, 2-18-41; proved, 5-16-49;----; Pa.	9 dams-------	29	8,952	4.8	431
Sire, 223074; dam, 500208.	Difference---	(1-7-1)	-1,961	+.3	-71
Herd Owner, C. Everett Richardson, Whiteford, Md.					
FLYING HORSE ROYAL DON 294892 *(Sept. 1948)----------	11 daughters-	15	8,153	4.9	397
Born, 12-14-40; proved, 5-12-49;----; Mass.	11 dams------	41	8,832	4.5	397
Sire, 250015; dam, 291989.	Difference---	(4-9-6)	-679	+.4	0
Herd Owner, Appleton Farm, Ipswich.					
FLYING HORSE ROYAL DUKE 281697----------	9 daughters--	18	6,797	5.1	349
Born, 12-10-39; proved, 5-12-49;----; Maine.	6 daughters--	11	6,864	5.2	359
Sire, 250015; dam, 428348.	6 dams-------	19	7,884	5.1	399
Herd Owner, Doane Smith, Dixmont.	Difference---	(2-4-2)	-1,020	+.1	-40
FRIENDSHIP B. BLOSSOM BOY 326851----------	7 daughters--	9	7,883	4.8	380
Born, 8-24-42; proved, 5-24-49;----; Pa.	6 daughters--	8	7,727	4.9	378
Sire, 262514; dam, 481827.	6 dams-------	34	8,321	5.1	422
Herd Owner, H. Merle Travis & Son, Smicksburg.	Difference---	(1-3-1)	-594	-.2	-44
FRIENDSHIP CHAMPION'S DUKE 227376----------	7 daughters--	16	7,809	4.8	373
Born, 1-24-35; proved, 5-4-49; dead; Ohio.	5 daughters--	8	7,730	4.8	373
Sire, 206906; dam, 384728.	5 dams-------	7	7,587	4.6	347
Herd Owner, C. H. Campbell & Sons, St. Clairsville.	Difference---	(2-4-4)	+143	+.2	+26

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FRIENDSHIP CHAMPION'S MONARCH 239170----------	7 daughters--	7	7,724	4.8	368
Born, 12-19-35; proved, 5-23-49;----; Mo.	6 daughters--	6	7,740	4.8	368
Sire, 206906; dam, 170747.	6 dams-------	17	7,886	5.2	406
Herd Owner, Rollo J. Springer, Sullivan	Difference---	(2-1-1)	-146	-.4	-38
GLUEK FARM EDUCATOR 297991----------	9 daughters--	14	7,484	4.4	329
Born, 10-23-40; proved, 5-27-49;----; Minn.	5 daughters--	8	8,399	4.3	359
Sire, 253650; dam, 279806.	5 dams-------	6	7,474	3.9	294
Herd Owner, Jacobsen's Lakeview Farms, Iron.	Difference---	(5-3-5)	+925	+.4	+65
GOLD DUST OF THE OAKS FARM 295468----------	6 daughters--	7	7,311	5.5	403
Born, 10-13-40; proved, 5-27-49;----; Wis.	5 daughters--	5	7,447	5.5	409
Sire, 254625; dam, 555071.	5 dams-------	28	7,708	5.4	417
Herd Owner, C. B. Thatcher & Son, Clear Lake.	Difference---	(3-3-3)	-261	+.1	-8
GOLDIE'S ROXY OF ORE VALLEY 278557----------	5 daughters--	6	6,776	4.8	326
Born, 6-20-39; proved, 5-11-49;----; Pa.	5 dams-------	22	7,504	5.1	380
Sire, 218972; dam, 242452.	Difference---	(1-2-1)	-728	-.3	-54
Herd Owner, Charles A. Schaefer, York.					
GOSHEN OF WARE 264389----------	8 daughters--	12	6,214	4.7	290
Born, 7-31-38; proved, 5-4-49;----; Conn.	6 daughters--	9	6,162	4.7	292
Sire, 237490; dam, 524494.	6 dams-------	20	8,272	4.4	361
Herd Owner, Macklin Cunningham, Torrington.	Difference---	(1-5-1)	-2,110	+.3	-69
GRASSLAND TREMPEALEAU BLAIR 348371----------	12 daughters-	15	6,859	4.7	324
Born, 9-20-42; proved, 5-10-49;----; Wis.	11 daughters-	14	6,954	4.7	326
Sire, 225035; dam, 475888.	11 dams------	44	7,295	4.7	341
Used in Tri-State Co-op. A. B. A.	Difference---	(3-8-4)	-341	.0	-15
GRASSLAND TREMPEALEAU CALIPH 331984----------	7 daughters--	10	7,830	4.0	317
Born, 12-10-42; proved, 5-27-49;----; Wis.	7 dams-------	18	7,698	4.6	352
Sire, 225035; dam, 584167.	Difference---	(3-0-2)	+132	-.6	-35
Used in Trempealeau Co-op. A. B. A.					
GREEN MEADS COUNTRY SQUIRE 296759----------	10 daughters-	15	7,995	4.9	389
Born, 3-28-40; proved, 5-12-49; alive; Utah.	5 daughters--	6	7,536	4.9	369
Sire, 216866; dam, 501586.	5 dams-------	12	8,076	4.6	371
Herd Owner, Joseph A. Chadwick & Son, North Ogden.	Difference---	(1-5-3)	-540	+.3	-2
GREEN MEADS TRADITION 284535----------	14 daughters-	22	7,617	4.9	376
Born, 6-17-39; proved, 5-3-49; dead; Conn.	10 daughters-	16	7,945	5.0	398
Sire, 196128; dam, 161821.	10 dams------	16	8,333	4.9	410
Herd Owner, Oliver D. Tuller, West Simsbury.	Difference---	(5-7-4)	-388	+.1	-12
GUSANNA'S DICTATOR 303654----------	5 daughters--	8	6,492	5.0	322
Born, 7-2-39; proved, 5-23-49;----; Wis.	5 dams-------	25	7,453	5.1	377
Sire, 231392; dam, 363479.	Difference---	(1-2-1)	-961	-.1	-55
Herd Owner, Julius Clausing Estate, Grafton.					
HAMPSHIRE HILLS MAY ROYAL 290109----------	18 daughters-	24	6,981	4.7	327
Born, 3-19-40; proved, 5-4-49;----; N. H.	12 daughters-	15	6,980	4.7	331
Sire, 219183; dam, 420971.	12 dams------	50	7,805	4.7	368
Herd Owner, Hampshire Hills Farms Co., Wilton.	Difference---	(3-6-4)	-825	.0	-37
HELENDALE FAYZON 296802----------	6 daughters--	9	9,062	5.0	454
Born, 1-2-40; proved, 5-10-49;----; Wis.	6 dams-------	11	9,219	5.0	464
Sire, 209975; dam, 267715.	Difference---	(2-3-2)	-157	.0	-10
Herd Owner, Chester Allen, Kenosha.					
HELEN'S VALLEY KING 329884----------	9 daughters--	15	5,342	4.5	238
Born, 11-2-41; proved, 5-25-49;----; Iowa.	8 daughters--	13	5,455	4.4	243
Sire, 213054; dam, 586411.	8 dams-------	15	5,612	4.8	267
Herd Owner, L. W. Stofferahn, Lake Park.	Difference---	(3-2-3)	-157	-.4	-24
IDAGEM MAY FLOWER'S JUDSON 242762----------	8 daughters--	12	7,820	4.7	366
Born, 6-30-35; proved, 5-10-49; dead; Idaho.	5 daughters--	8	7,595	4.6	351
Sire, 111470; dam, 428848.	5 dams-------	14	8,558	4.3	370
Herd Owner, Clarence H. Boyd, Wendell.	Difference---	(1-4-3)	-963	+.3	-19
IDYLBROOK KEYSTONE 292015----------	10 daughters-	14	9,061	4.8	437
Born, 4-22-40; proved, 5-25-49;----; Wis.	10 dams------	25	9,701	4.5	432
Sire, 209348; dam, 447250.	Difference---	(2-9-6)	-640	+.3	+5
Used in Rock County A. B. A.					
JOHNSON'S LINDA'S VICTOR 236466----------	5 daughters--	6	8,234	5.2	426
Born, 11-17-35; proved, 5-12-49;----; Wis.	5 dams-------	18	6,300	5.5	347
Sire, 212910; dam, 306098.	Difference---	(5-0-4)	+1,934	-.3	+79
Herd Owner, Melvin P. Ely, Endeavor.					
JUDY'S DUKE OF HILLSIDE 294721----------	10 daughters-	13	9,237	4.7	438
Born, 11-4-40; proved, 5-12-49;----; Pa.	10 dams------	33	9,121	5.2	473
Sire, 233700; dam, 532577.	Difference---	(5-0-2)	+116	-.5	-35
Herd Owner, Galen Furry, New Enterprise.					

GUERNSEY SIRES	Animals	Records Proved	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
JUPITER OF MEADOW BROOK 243424	5 daughters--	9	6,448	5.2	337
Born, 11-17-36; proved, 5-12-49; dead; Mich.	5 dams-------	28	8,241	5.2	427
Sire, 220095; dam, 424160.	Difference---	(0-3-0)	-1,793	.0	-90
Herd Owner, Mrs. A. J. Wilson, Rochester.					
KAROLSON 227026	17 daughters-	23	8,111	4.5	365
Born, 1-2-34; proved, 5-11-49;----; Va.	6 daughters--	8	8,130	4.6	375
Sire, 198168; dam, 308370.	6 dams-------	11	8,763	4.0	346
Herd Owner, T. L. Timberlake & Sons, Ballsville.	Difference---	(2-5-4)	-633	+.6	+29
KENFLEUR'S DICTA MASTERFUL 243803 *11	33 daughters-	67	8,558	4.9	422
Born, 4-10-36; proved, 5-19-49;----; Ill.	24 daughters-	52	8,690	5.0	436
Sire, 167470; dam, 151378.	24 dams------	73	8,851	4.8	428
Herd Owner, Archie Z. Fox, Gibson City.	Difference---	(10-18-13)	-161	+.2	+8
KENFLEUR'S GARBO ALERT 302828	17 daughters-	23	9,023	5.0	449
Born, 10-20-40; proved, 5-12-49;----; Ill.	9 daughters--	13	8,668	5.1	438
Sire, 198651; dam, 384060.	9 dams-------	17	8,970	4.5	400
Herd Owner, Charles E. Vanderheyden, Stockton.	Difference---	(4-9-5)	-302	+.6	+38
KENFLEUR'S NELSON ALERT 301079 *(Aug. 1948)	18 daughters-	38	7,503	5.0	376
Born, 11-17-40; proved, 5-6-49; dead; Iowa.	15 daughters-	34	7,437	5.0	374
Sire, 198651; dam, 571233.	15 dams------	46	7,012	4.7	333
Herd Owner, H. H. Powers & Son, Ames.	Difference---	(11-13-12)	+425	+.3	+41
KING CUB 236563	7 daughters--	24	7,800	4.9	379
Born, 6-26-34; proved, 5-11-49;----; Pa.	6 daughters--	23	7,880	4.8	379
Sire, 196590; dam, 334381.	6 dams-------	16	8,221	4.8	395
Herd Owner, Eldorado Farm, Newtown.	Difference---	(4-3-3)	-341	.0	-16
LADY'S NIPPER OF COR-ALFA FARM 267795	8 daughters--	11	7,008	4.7	326
Born, 12-28-38; proved, 5-5-49; dead; Minn.	6 daughters--	9	7,134	4.8	342
Sire, 205677; dam, 387597.	6 dams-------	15	8,177	4.3	352
Used in Southern Minnesota A. B. A.	Difference---	(2-5-3)	-1,043	+.5	-10
LANGWATER CAROLER 265386	33 daughters-	46	6,889	4.8	332
Born, 5-5-38; proved, 5-17-49; dead; W. Va.	28 daughters-	40	7,055	4.8	342
Sire, 160256; dam, 353936.	28 dams------	100	8,152	4.7	383
Herd Owner, Quincy Dairy Co., Quincy.	Difference---	(8-19-11)	-1,097	+.1	-41
LANGWATER COMRADE 276216	13 daughters-	18	8,412	4.6	389
Born, 3-6-39; proved, 5-3-49;----; Iowa.	5 daughters--	6	9,023	4.7	424
Sire, 252899; dam, 400414.	5 dams-------	12	8,192	4.8	393
Herd Owner, George C. & Henry Dickman, Garnavillo.	Difference---	(2-3-3)	+831	-.1	+31
LANGWATER ENVOY 282711	6 daughters--	7	6,050	4.6	277
Born, 5-18-39; proved, 5-5-49;----; Mich.	6 dams-------	15	8,423	4.5	375
Sire, 255085; dam, 377458.	Difference---	(1-4-1)	-2,373	+.1	-98
Herd Owner, Erwin Haskill, Lapeer.					
LANGWATER PAL 237499	15 daughters-	17	7,811	4.8	372
Born, 12-9-35; proved, 5-16-49;----; Pa.	8 daughters--	10	7,954	4.8	384
Sire, 166128; dam, 244741.	8 dams-------	17	7,867	4.7	369
Herd Owner, Harry Hank, Monongahela.	Difference---	(3-5-4)	+87	+.1	+15
LEASURE RUN SUCCESS 278932	7 daughters--	11	6,804	4.9	337
Born, 9-24-39; proved, 5-23-49;----; Pa.	5 daughters--	7	7,010	4.9	343
Sire, 222159; dam, 373276.	5 dams-------	14	7,678	4.9	374
Herd Owner, J. C. Schott & Thomas M. Hughes, Derry.	Difference---	(0-3-1)	-668	.0	-31
LILLY MAID'S PRINCE 277281	10 daughters-	17	8,243	4.8	393
Born, 3-14-39; proved, 5-3-49;----; Pa.	10 dams------	39	7,794	4.5	351
Sire, 226265; dam, 446098.	Difference---	(7-8-8)	+449	+.3	+42
Herd Owner, Andrew Azzo, Jr., Eighty Four.					
LINWOOD'S BUDDY BOY 314557	9 daughters--	11	7,332	5.2	382
Born, 12-1-41; proved, 5-16-49;----; Iowa.	8 daughters--	10	7,696	5.1	395
Sire, 289246; dam, 397989.	8 dams-------	24	8,307	4.8	398
Herd Owner, Harold Eckerman, Davenport.	Difference---	(2-7-3)	-611	+.3	-3
LITTLE ORCHARD COMMENTATOR 227874	5 daughters--	8	8,454	5.1	429
Born, 6-24-34; proved, 5-10-49;----; Ind.	5 dams-------	10	8,656	4.9	428
Sire, 202914; dam, 188647.	Difference---	(1-4-2)	-202	+.2	+1
Herd Owner, William H. Link, Fort Wayne.					
LOCKSHORE EMBLEM 299432	6 daughters--	6	7,479	4.4	331
Born, 10-21-40; proved, 5-19-49;----; Mich.	6 dams-------	17	7,363	5.2	386
Sire, 194628; dam, 373534.	Difference---	(3-0-2)	+116	-.8	-55
Herd Owner, Burton S. Knapp, Monroe.					
LOCKSHORE MASTERPIECE 246905	5 daughters--	7	7,245	5.1	367
Born, 10-28-36; proved, 5-10-49;----; Ind.	5 dams-------	7	8,188	5.0	413
Sire, 230511; dam, 408155.	Difference---	(2-3-1)	-943	+.1	-46
Herd Owner, Miller Sweeney Farm, Greensburg.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LONGWOOD NATIVE 289781----------	10 daughters-	13	7,072	5.0	355
Born, 7-4-39; proved, 5-3-49;----; Pa.	5 daughters--	5	7,426	5.0	371
Sire, 215455; dam, 358048.	5 dams-------	6	8,599	5.3	452
Herd Owner, S. Penrose Davis, Downingtown.	Difference---	(0-2-0)	-1,173	-.3	-81
LUXERIN WEATHERMAN 315062----------	6 daughters--	6	8,039	4.9	390
Born, 2-9-41; proved, 5-24-49;----; Wis.	6 dams-------	20	6,604	5.0	331
Sire, 282692; dam, 699417.	Difference---	(6-2-6)	+1,435	-.1	+59
Herd Owner, John E. Johnson, Brandon.					
MAPLEVALE EMINENT KING 284151----------	8 daughters--	11	6,264	5.3	333
Born, 9-25-39; proved, 5-6-49;----; Pa.	5 daughters--	8	6,883	5.1	354
Sire, 259203; dam, 331429.	5 dams-------	11	7,834	4.8	379
Herd Owner, Alta Vista Guernsey Dairy, Indiana.	Difference---	(2-4-2)	-951	+.3	-25
MAPLEWOOD ROYAL VALOR 261358----------	14 daughters-	17	7,708	4.8	373
Born, 2-15-38; proved, 5-11-49;----; N. Y.	7 daughters--	9	7,930	4.9	391
Sire, 219903; dam, 424732.	7 dams-------	10	8,215	4.5	368
Herd Owner, Morris Johnson, Le Roy.	Difference---	(4-6-5)	-285	+.4	+23
MASTERFUL'S TED OF HILLSIDE 303303----------	5 daughters--	5	8,145	4.9	399
Born, 3-7-41; proved, 5-17-49;----; Pa.	5 dams-------	18	7,964	4.9	394
Sire, 207765; dam, 411048.	Difference---	(3-3-4)	+181	.0	+5
Herd Owner, S. V. McKee, Westover.					
MAXIE'S FERDINAND 267532----------	18 daughters-	26	7,628	5.1	388
Born, 7-27-38; proved, 5-23-49;----; Del.	6 daughters--	10	7,229	5.2	373
Sire, 227994; dam, 298848.	6 dams-------	17	6,970	4.7	328
Used in New Castle Co-op. A. B. A.	Difference---	(5-6-5)	+259	+.5	+45
MCDONALD FARMS BENEDICT 250883----------	9 daughters--	11	8,115	4.9	398
Born, 11-28-36; proved, 5-23-49;----; Maine.	5 daughters--	6	8,146	5.0	411
Sire, 201780; dam, 356072.	5 dams-------	17	7,636	5.5	417
Herd Owner, J. Herbert Comins & Son, East Holden.	Difference---	(3-1-2)	+510	-.5	-6
MCDONALD FARMS ILLUSTRIOUS 347034----------	7 daughters--	7	8,624	5.1	441
Born, 5-8-43; proved, 5-2-49; alive; Md.	6 daughters--	6	8,694	5.1	440
Sire, 293925; dam, 611836.	6 dams-------	24	8,197	5.1	415
Herd Owner, Henry H. Carter, Rockville.	Difference---	(5-3-4)	+497	.0	+25
MEADOWHILL PETROS' BILL 317317 *(Aug. 1948)----------	10 daughters-	10	9,177	4.8	440
Born, 3-18-42; proved, 5-19-49;----; Ill.	10 dams------	42	9,100	5.1	467
Sire, 288442; dam, 724431.	Difference---	(6-3-4)	+77	-.3	-27
Herd Owner, Raymond Green, Gibson City.					
MEADOW LODGE KING'S BEAU 340028----------	6 daughters--	6	8,350	4.8	400
Born, 7-12-43; proved, 5-24-49;----; Mo.	6 dams-------	10	8,015	5.0	402
Sire, 196128; dam, 558461.	Difference---	(4-2-2)	+335	-.2	-2
Used in M. F. A. A. B. A.					
MEADOW LODGE REX'S SUPERIOR 281788----------	6 daughters--	7	7,045	4.7	329
Born, 1-2-40; proved, 5-6-49;----; Colo.	5 daughters--	6	6,730	4.6	311
Sire, 159247; dam, 497009.	5 dams-------	12	7,809	4.5	353
Herd Owner, L. W. Nelson, Pueblo.	Difference---	(2-2-3)	-1,079	+.1	-42
MILLIE'S ROYAL BUTTERBOY 308237----------	15 daughters-	22	9,666	4.8	468
Born, 12-31-40; proved, 5-25-49;----; Wis.	9 daughters--	13	9,903	4.7	468
Sire, 286638; dam, 601753.	9 dams-------	10	7,568	5.1	382
Herd Owner, Bert Holman & Son, Baldwin.	Difference---	(8-2-7)	+2,335	-.4	+86
MINNEWASHTA LINDY 303704----------	16 daughters-	20	7,408	5.0	368
Born, 12-14-40; proved, 5-20-49;----; Minn.	7 daughters--	8	7,656	4.9	375
Sire, 263110; dam, 618904.	7 dams-------	9	8,628	4.7	407
Herd Owner, Jos. F. Forner, Chaska.	Difference---	(3-4-3)	-972	+.2	-32
MOBJACK BUTTERMAKER 256285----------	9 daughters--	11	6,807	5.0	343
Born, 3-31-37; proved, 5-10-49;----; Va.	5 daughters--	7	6,894	5.2	360
Sire, 199862; dam, 401090.	5 dams-------	18	7,083	4.8	340
Herd Owner, F. W. McComb, Bluemont.	Difference---	(2-5-3)	-189	+.4	+20
MULHOCAWAY BUTTERFAT BAAL 291945----------	13 daughters-	16	7,169	4.6	332
Born, 10-3-40; proved, 5-4-49;----; Wis.	5 daughters--	8	7,271	4.7	344
Sire, 192478; dam, 516410.	5 dams-------	6	7,241	4.5	325
Herd Owner, T. F. Betts, Troy Center.	Difference---	(3-4-3)	+30	+.2	+19
MULHOCAWAY GOVERNOR MARCUS 326794----------	5 daughters--	5	10,495	5.2	546
Born, 12-23-42; proved, 5-26-49;----; Minn.	5 dams-------	11	8,024	5.1	413
Sire, 219604; dam, 350846.	Difference---	(5-3-4)	+2,471	+.1	+133
Herd Owner, W. R. & C. N. Adams & Sons, Mankato.					
NEATER'S NORVA'S DEE 315064----------	6 daughters--	6	5,130	4.6	236
Born, 10-18-41; proved, 5-25-49;----; Pa.	6 dams-------	10	7,396	4.9	363
Sire, 253624; dam, 561749.	Difference---	(1-2-0)	-2,266	-.3	-127
Herd Owner, W. R. Smith, Irwin.					

GUERNSEY SIRES	[illegible]	[illegible]	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
NOBLE LAD OF MONTFAUCON 295201	5 daughters	12	7,490	5.0	367
Born, 7-1-40; proved, 5-5-49;----; Pa.	5 dams	19	8,627	5.0	434
Sire, 267715; dam, 525911.	Difference	(0-2-0)	-1,137	.0	-65
Herd Owner, J. Thomas Carman, Glen Rock.					
NORWOOD KING'S SUN 294530	8 daughters	10	7,466	4.8	357
Born, 9-29-40; proved, 5-4-49; dead; Conn.	6 daughters	7	7,577	4.8	367
Sire, 205129; dam, 461177.	6 dams	24	8,046	4.6	371
Herd Owner, Malcolm Riddel Wibberley, Canterbury.	Difference	(1-5-3)	-469	+.2	-4
PATRICK OF SEYMOUR 324497	8 daughters	11	5,883	4.8	284
Born, 9-28-41; proved, 5-24-49;----; Wis.	7 daughters	10	5,670	4.9	275
Sire, 271441; dam, 476972.	7 dams	12	6,939	4.8	330
Herd Owner, John Miller, Strum.	Difference	(3-3-2)	-1,269	+.1	-55
PETE'S PRIMATE LAD 298262	8 daughters	8	7,136	4.9	346
Born, 9-19-40; proved, 5-11-49;----; Vt.	7 daughters	7	6,929	4.9	340
Sire, 254645; dam, 490679.	7 dams	24	7,713	4.9	381
Herd Owner, Sheldon S. Yates, Dorset.	Difference	(4-3-3)	-784	.0	-41
PINE MANOR CROWN SUPREME 285428	8 daughters	12	7,506	5.4	409
Born, 10-19-39; proved, 5-10-49;----; Ind.	6 daughters	9	7,308	5.5	400
Sire, 238549; dam, 492145.	6 dams	13	8,936	5.0	442
Herd Owner, Clayton E. Eash, Middlebury.	Difference	(1-6-2)	-1,628	+.5	-42
PINE MANOR GOLDEN SUPREME 317028	9 daughters	11	9,458	4.5	429
Born, 8-2-41; proved, 5-24-49;----; Ind.	7 daughters	8	9,135	4.5	415
Sire, 269363; dam, 477837.	7 dams	16	8,139	4.6	376
Herd Owner, Willis & Josephine Gardner, Fort Wayne.	Difference	(4-4-4)	+996	-.1	+39
PLEASANT VIEW MAJESTY 319687	7 daughters	9	8,612	4.1	354
Born, 2-26-42; proved, 5-23-49;----; Pa.	6 daughters	7	9,000	4.0	364
Sire, 285760; dam, 712266.	6 dams	12	8,172	4.6	380
Herd Owner, J. Byron Oellig & Son, Grantville.	Difference	(4-0-2)	+828	-.6	-16
POMEROY'S LADDIE OF SPAR HILL 299763	7 daughters	9	7,198	4.4	315
Born, 1-23-41; proved, 5-12-49;----; Pa.	7 dams	22	7,139	4.7	338
Sire, 236860; dam, 426163.	Difference	(5-2-3)	+59	-.3	-23
Herd Owner, Dr. Edward A. Webb, Avondale.					
QUAIL ROOST ROYAL COUNT 330220	8 daughters	9	7,371	4.9	359
Born, 2-6-43; proved, 5-24-49;----; N. C.	7 daughters	8	7,323	4.9	360
Sire, 252051; dam, 638282.	7 dams	9	6,889	4.9	339
Herd Owner, Knight Brothers, Guilford College.	Difference	(4-2-4)	+434	.0	+21
QUINCY MAHOMET DON 290144	11 daughters	20	8,027	4.7	377
Born, 2-13-39; proved, 5-24-49;----; W. Va.	6 daughters	8	8,136	4.7	383
Sire, 206546; dam, 307067.	6 dams	19	8,121	4.7	384
Herd Owner, Crickette Farm, Organ Cave.	Difference	(3-5-3)	+15	.0	-1
QUINCY PIONEER 302261	8 daughters	8	7,695	4.9	375
Born, 8-12-40; proved, 5-12-49;----; W. Va.	8 dams	14	7,585	4.8	361
Sire, 227223; dam, 469386.	Difference	(5-5-6)	+110	+.1	+14
Herd Owner, M. J. Kalar, Parkersburg.					
RANCHO NICASIO COMMEND LINK 329384	6 daughters	9	9,697	5.1	493
Born, 4-23-42; proved, 5-24-49;----; Calif.	6 dams	30	8,728	4.4	383
Sire, 235941; dam, 540496.	Difference	(4-6-5)	+969	+.7	+110
Herd Owner, Ray Gambonini, Petaluma.					
RANSOM FLOWER'S FALSTAFF 302744	5 daughters	5	8,121	4.7	383
Born, 11-20-40; proved, 5-23-49;----; Kans.	5 dams	18	8,137	5.0	409
Sire, 245808; dam, 582804.	Difference	(2-1-2)	-16	-.3	-26
Herd Owner, J. D. Hill, Erie.					
REALANE'S CHAMPION KING 289728	5 daughters	6	7,121	4.9	351
Born, 9-30-38; proved, 5-10-49;----; Wis.	5 dams	20	6,678	4.5	299
Sire, 224850; dam, 459068.	Difference	(4-5-4)	+443	+.4	+52
Herd Owner, Erwin J. Riemer, Cedarburg.					
RENOWN OF PRESTDALE 300733	12 daughters	17	8,256	4.8	399
Born, 12-11-40; proved, 5-10-49; dead; Idaho.	6 daughters	7	8,956	4.8	433
Sire, 224171; dam, 433159.	6 dams	12	9,037	4.9	439
Herd Owner, William B. Allison, Caldwell.	Difference	(2-3-3)	-81	-.1	-6
REX JUNO OF COWHAM FARM 298624	9 daughters	14	7,337	4.8	349
Born, 8-24-40; proved, 5-11-49;----; Mich.	5 daughters	8	7,595	4.9	369
Sire, 230249; dam, 448937.	5 dams	8	8,173	4.5	368
Herd Owner, Orville Miller, Morley.	Difference	(1-4-3)	-578	+.4	+1
RICH HILL PAL 300202	7 daughters	8	6,124	5.0	307
Born, 4-9-40; proved, 5-11-49;----; Va.	7 dams	26	8,337	4.8	402
Sire, 257008; dam, 414641.	Difference	(1-6-1)	-2,213	+.2	-95
Herd Owner, I. H. Huff, Glade Spring.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RIEGELDALE MAJESTY'S 296660----------	6 daughters--	6	10,763	4.8	516
Born, 6-2-40; proved, 5-12-49;----; N. C.	6 dams-------	13	8,327	4.7	389
Sire, 194262; dam, 431472.	Difference---	(6-5-6)	+2,436	+.1	+127
Herd Owner, Shoal Falls Farm, Inc., Hendersonville.					
RIEGELDALE VISCOUNT'S CONQUEST 294786----------	7 daughters--	7	9,496	4.6	432
Born, 6-18-40; proved, 5-12-49; alive; Va.	6 daughters--	6	9,915	4.5	449
Sire, 246190; dam, 519870.	6 dams-------	15	8,263	4.4	367
Herd Owner, Dr. J. C. Rawls, Franklin.	Difference---	(5-4-5)	+1,652	+.1	+82
RIVER VIEW CAVALIER 226974----------	14 daughters-	36	7,485	5.1	378
Born, 2-10-35; proved, 5-5-49;----; Pa.	7 daughters--	23	6,604	5.1	338
Sire, 196010; dam, 263840.	7 dams-------	10	7,698	4.7	363
Herd Owner, Evangelical Home, Lewisburg.	Difference---	(2-6-3)	-1,094	+.4	-25
ROCK CREEK PHAROS 322275----------	12 daughters-	14	7,587	4.6	350
Born, 4-11-42; proved, 5-24-49;----; Wis.	8 daughters--	10	7,474	4.8	360
Sire, 212818; dam, 591453.	8 dams-------	12	7,162	5.0	357
Herd Owner, James & Parmley Harris, Mineral Point.	Difference---	(4-4-5)	+312	-.2	+3
ROCKINGHAM MISTLETOE'S HOLLIS 287176----------	14 daughters-	19	9,699	4.7	453
Born, 5-20-40; proved, 5-11-49;----; Pa.	5 daughters--	6	9,375	4.6	433
Sire, 199981; dam, 564542.	5 dams-------	11	9,421	4.6	433
Herd Owner, Walter Binkley, Lititz.	Difference---	(3-2-3)	-46	.0	0
RONNEY'S KING 287282----------	18 daughters-	18	7,652	4.9	376
Born, 10-18-39; proved, 5-23-49;----; Wis.	10 daughters-	10	8,664	5.1	440
Sire, 256112; dam, 556806.	10 dams------	35	6,013	5.0	301
Herd Owner, Iowa County Asylum, Dodgeville.	Difference---	(9-5-10)	+2,651	+.1	+139
ROSEDALE OF PRAIRIE BLOOM 300940----------	9 daughters--	15	6,735	4.4	299
Born, 2-16-41; proved, 5-13-49;----; Oreg.	7 daughters--	11	6,165	4.5	279
Sire, 238021; dam, 455730.	7 dams-------	12	7,271	4.5	326
Herd Owner, Cersovski Brothers, Harrisburg.	Difference---	(2-6-2)	-1,106	.0	-47
ROSEMONT MAJESTY 286535----------	10 daughters-	12	9,163	4.6	421
Born, 4-18-40; proved, 5-11-49; dead; Mich.	7 daughters--	9	9,743	4.5	438
Sire, 182899; dam, 346519.	7 dams-------	18	9,118	4.6	423
Herd Owner, J. Roy & Elton Smith, Caledonia.	Difference---	(5-2-5)	+625	-.1	+15
ROSEWALD GARDENIA'S LAST MAN 294933----------	7 daughters--	10	7,189	5.0	361
Born, 4-14-40; proved, 5-4-49;----; Maine.	5 daughters--	8	7,008	5.1	356
Sire, 219182; dam, 186393.	5 dams-------	16	7,177	4.7	338
Herd Owner, Merrill Haven Farms, Auburn.	Difference---	(1-5-3)	-169	+.4	+18
ROUGHWOOD PONDERER 264200----------	6 daughters--	14	7,250	4.6	331
Born, 9-1-37; proved, 5-10-49;----; N. H.	5 daughters--	11	7,343	4.6	335
Sire, 214338; dam, 156189.	5 dams-------	11	6,662	4.9	327
Herd Owner, Rice Brothers, Contoocook.	Difference---	(4-1-4)	+681	-.3	+8
ST. JAMES BOY'S FELIX 336258----------	5 daughters--	5	7,201	5.0	358
Born, 4-12-43; proved, 5-24-49;----; Wis.	5 dams-------	16	7,102	4.9	351
Sire, 296809; dam, 617108.	Difference---	(2-3-3)	+99	+.1	+7
Herd Owner, Golden Prairie Farm, Inc., Union Grove.					
ST. JAMES CHAMPION AMBROSE 313697----------	9 daughters--	11	8,780	4.7	413
Born, 11-27-41; proved, 5-19-49;----; Ill.	9 dams-------	28	9,032	4.8	433
Sire, 244239; dam, 459841.	Difference---	(3-5-3)	-252	-.1	-20
Herd Owner, Percy Goodrich, Gibson City.					
ST. JAMES PHILOSOPHER'S ALDEN 263033----------	9 daughters--	9	9,532	4.2	403
Born, 5-30-38; proved, 5-25-49;----; Ill.	7 daughters--	7	9,550	4.1	395
Sire, 187794; dam, 422998.	7 dams-------	13	8,646	4.7	404
Herd Owner, Walter Baumgartner, Walnut.	Difference---	(6-1-4)	+904	-.6	-9
SAVERY'S MADOC 297956----------	7 daughters--	13	8,207	4.8	394
Born, 9-9-40; proved, 5-10-49;----; Vt.	6 daughters--	11	7,966	4.9	387
Sire, 262093; dam, 612475.	6 dams-------	21	7,672	4.9	373
Herd Owner, Ray H. Whitcomb, Springfield.	Difference---	(4-4-4)	+294	.0	+14
SEDGLEY HENRY 269564 *10----------	32 daughters-	67	9,015	4.6	419
Born, 9-27-38; proved, 5-27-49;----; Ill.	32 dams------	102	7,972	4.6	368
Sire, 212791; dam, 449816.	Difference---	(23-16-23)	+1,043	.0	+51
Herd Owner, Glenn W. Allen, Delavan.					
SHELDEGREN AFRICANDER OF MA 227020----------	11 daughters-	41	8,008	5.1	411
Born, 6-14-35; proved, 5-11-49;----; Mass.	5 daughters--	22	7,669	5.0	383
Sire, 116932; dam, 266565.	5 dams------	18	7,518	5.1	382
Herd Owner, Sheldegren Farm, Greenfield.	Difference---	(3-3-3)	+151	-.1	+1
TARBELL FARMS PEERLESS EMPEROR 323665----------	12 daughters-	13	9,498	4.8	457
Born, 1-14-42; proved, 5-24-49;----; N. Y.	6 daughters--	7	9,999	4.7	475
Sire, 214202; dam, 418743.	6 dams-------	15	8,739	4.5	393
Used in Indiana A. B. A., Ind.	Difference---	(5-5-5)	+1,260	+.2	+82

GUERNSEY SIRES	Animals	[illegible] averaged	Milk	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
TARBELL FARMS PEERLESS LADDIE 300389----------	8 daughters--	11	[illegible]	5.0	34[illegible]
Born, 4-17-41; proved, 5-10-49;----, Pa.	7 daughters--	10	[illegible]	5.0	34[illegible]
Sire, 214202; dam, 452803.	7 dams-------	14	7,2[illegible]	5.0	368
Herd Owner, P. F. Fleming, Granville Summit.	Difference---	(3-4-3)	-[illegible]35	.0	-[illegible]
THATCH MEADOW STEADFAST 246223 *10----------	28 daughters-	77	8,728	4.9	4[illegible]
Born, 1-19-37; proved, 5-17-49;----; Md.	26 daughters-	68	8,552	5.0	426
Sire, 221672; dam, 256120.	26 dams------	141	7,873	[illegible]	389
Herd Owner, Charles F. Smith, Jr. & Juliet G. Smith, Union Bridge.	Difference---	(14-17-14)	+679	+.1	+41
VALLEY GEM CHIEF 294815----------	7 daughters--	7	7,046	4.9	347
Born, 6-23-40; proved, 5-25-49;----; Wash.	5 daughters--	5	7,074	5.0	351
Sire, 198293; dam, 382599.	5 dams-------	7	7,166	4.9	350
Herd Owner, J. J. Padden Estate, Vancouver.	Difference---	(2-3-2)	-92	+.1	+1
VALOR'S FAITHFUL SUPREME 331788----------	7 daughters--	7	12,269	4.8	583
Born, 8-20-42; proved, 5-23-49;----; Ill.	7 dams-------	20	10,223	5.0	514
Sire, 276554; dam, 542603.	Difference---	(6-1-6)	+2,046	-.2	+69
Herd Owner, Burton Lane Farms, Deerfield.					
VILLA-WAY PAY DAY 238270----------	10 daughters-	14	7,569	4.5	341
Born, 11-30-34; proved, 5-12-49;----; Ohio.	5 daughters--	5	7,936	4.7	370
Sire, 175063; dam, 217834.	5 dams-------	9	9,813	4.8	466
Herd Owner, Jay Jackson, Lagrange.	Difference---	(1-3-0)	-1,877	-.1	-96
WESANA CORONADO 297113----------	8 daughters--	9	8,[illegible]	[illegible].1	439
Born, 2-1-41; proved, 5-13-49;----; N. H.	5 daughters--	6	8,137	[illegible].4	439
Sire, 247016; dam, 528620.	5 dams-------	12	9,216	5.2	477
Herd Owner, Sumner Brown, West Swanzey.	Difference---	(1-3-2)	-1,079	+.2	-38
WETHERSFIELD RASCAL 303185----------	9 daughters--	11	8,845	4.4	391
Born, 8-10-40; proved, 5-24-49;----; N. H.	6 daughters--	7	8,865	4.3	384
Sire, 215967; dam, 543038.	6 dams-------	15	8,708	4.7	412
Used in New Hampshire A. B. A.	Difference---	(2-2-1)	+157	-.4	-28
WOODACRES STEADFAST SENSATION 317918----------	6 daughters--	6	8,624	4.5	387
Born, 11-6-41; proved, 5-23-49;----; Va.	6 dams-------	28	8,139	4.7	382
Sire, 263404; dam, 497729.	Difference---	(5-1-5)	+485	-.2	+5
Herd Owner, Luck Brothers, Ashland.					
WOODSIDE JANIE'S SAILOR LAD 282249----------	12 daughters-	20	8,512	5.1	435
Born, 5-31-39; proved, 5-3-49;----; Pa.	5 daughters--	6	9,427	5.0	469
Sire, 249650; dam, 516901.	5 dams-------	12	8,983	4.6	417
Herd Owner, H. H. Snavely, Willow Street.	Difference---	(3-4-4)	+444	+.4	+52
WYCHMERE DAUNTLESS COLONEL 298147----------	8 daughters--	9	7,570	4.7	358
Born, 3-8-41; proved, 5-24-49;----; N. Y.	5 daughters--	6	7,931	4.8	381
Sire, 267458; dam, 526020.	5 dams-------	13	8,329	4.7	393
Herd Owner, Sidney W. Thomas, Gorham.	Difference---	(2-3-2)	-398	+.1	-12
YEOMAN'S FOREMOST HERCULES 233861----------	6 daughters--	8	7,468	4.7	354
Born, 12-21-35; proved, 5-17-49;----; Va.	5 daughters--	7	7,749	4.6	358
Sire, 212636; dam, 369834.	5 dams-------	9	7,257	4.6	331
Herd Owner, F. L. Hatcher, Brim.	Difference---	(2-3-2)	+492	.0	+27
YOCLIFF ART 292460----------	6 daughters--	9	7,682	4.9	375
Born, 4-18-40; proved, 5-12-49;----; Pa.	6 dams-------	19	8,339	5.1	428
Sire, 216763; dam, 490156.	Difference---	(3-2-1)	-657	-.2	-53
Herd Owner, Harold Wilkinson & Son, Shickshinny.					
16*E77074 (BANGS OR TB EARTAG)----------	13 daughters-	20	6,889	4.9	335
Born, ----; proved, 5-13-49;----; Conn.	5 daughters--	5	6,758	4.9	328
Sire, ----; dam, ----.	5 dams-------	10	9,110	4.4	402
Herd Owner, Harold Vaill, Torrington.	Difference---	(0-4-1)	-2,352	+.5	-74

HOLSTEIN SIRES

ACKERHURST ROYAL SEGIS CHIEFTAIN 855535----------	15 daughters-	20	11,321	3.5	400
Born, 10-1-41; proved, 5-10-49; dead; Iowa.	7 daughters--	8	11,630	3.6	415
Sire, 792389; dam, 1381700.	7 dams-------	14	13,267	3.5	467
Herd Owner, Mancryco Farms, Manning.	Difference---	(2-3-2)	-1,637	+.1	-52
ADMIRAL DIRECT CRETE GOLD (TWIN) 760621----------	16 daughters-	22	9,511	3.7	349
Born, 5-1-38; proved, 5-19-49;----; Maine.	7 daughters--	10	9,864	3.6	353
Sire, 662583; dam, 1602519.	7 dams-------	14	10,309	3.3	338
Used in Androscoggin Valley & Central Maine A. B. A.'s.	Difference---	(1-7-4)	-445	+.3	+15
ALGRETTA POSCH LAD 861776----------	9 daughters--	13	13,108	3.7	486
Born, 12-12-41; proved, 5-17-49;----; Iowa.	6 daughters--	8	12,906	3.7	482
Sire, 608954; dam, 1916664.	6 dams-------	8	14,117	3.5	488
Herd Owner, Harley Hansen, Greene.	Difference---	(1-6-3)	-1,211	+.2	-6

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALVERNO CRUSADER SEGIS ORMSBY 761056----------	10 daughters-	24	9,968	3.6	357
Born, 12-20-37; proved, 5-12-49;----; Wis.	7 daughters--	18	9,863	3.6	350
Sire, 690257; dam, 1751347.	7 dams-------	19	9,484	3.6	343
Herd Owner, Victor Stoltenburg, Newton.	Difference---	(5-4-4)	+379	.0	+7
BAKER FARM INFORMER 785353----------	8 daughters--	8	11,498	3.3	376
Born, 9-13-38; proved, 5-5-49;----; Mass.	5 daughters--	5	11,625	3.3	388
Sire, 553013; dam, 1548875.	5 dams-------	14	11,839	3.5	419
Herd Owner, Reformatory for Women, Sherborn.	Difference---	(3-2-3)	-214	-.2	-31
BAKER FARM JAUNTY 787734----------	12 daughters-	19	10,329	3.6	373
Born, 12-3-39; proved, 5-24-49;----; Conn.	6 daughters--	8	10,235	3.6	370
Sire, 733981; dam, 1681734.	6 dams-------	11	11,225	3.4	385
Herd Owner, Loomis Institute, Windsor.	Difference---	(2-6-2)	-990	+.2	-15
BARRSON ORMSBY VEEMAN 759766----------	15 daughters-	30	7,167	3.4	246
Born, 12-27-37; proved, 5-23-49;----; Pa.	6 daughters--	12	7,733	3.5	269
Sire, 711952; dam, 1621093.	6 dams-------	16	10,267	3.6	365
Herd Owner, Everglad Dairy, Pulaski.	Difference---	(1-3-1)	-2,534	-.1	-96
BELLE CREST ADMIRAL DEAN 826614----------	8 daughters--	15	12,469	3.7	455
Born, 6-24-40; proved, 5-16-49;----; Pa.	5 daughters--	[illegible]	12,790	3.7	474
Sire, 769435; dam, 1917456.	5 dams-------	17	11,599	3.6	418
Herd Owner, William D. Tyson, Perkasie.	Difference---	(4-3-3)	+1,191	+.1	+56
BELL FARM CARMEN ARTIST 837819----------	11 daughters-	14	7,434	3.8	286
Born, 10-18-41; proved, 5-10-49;----; W. Va.	8 daughters--	11	7,170	3.9	278
Sire, 756943; dam, 1926674.	8 dams-------	34	7,296	3.6	260
Herd Owner, C. W. Cunningham & Son, Clarksburg.	Difference---	(4-8-6)	-126	+.3	+18
BELL FARM CARMEN DUKE 830845----------	15 daughters-	22	8,060	3.4	274
Born, 8-17-41; proved, 5-27-49;----; Pa.	13 daughters-	19	8,157	3.4	277
Sire, 756943; dam, 1833475.	13 dams------	67	9,908	3.4	335
Herd Owner, S. Paul Ritchey, Rea.	Difference---	(1-11-2)	-1,751	.0	-58
BELSTRANE KING SEGIS 772348----------	7 daughters--	12	12,704	3.4	430
Born, 3-26-38; proved, 5-9-49; dead; N. Y.	5 daughters--	8	12,736	3.4	430
Sire, 704237; dam, 1572902.	5 dams-------	11	14,000	3.5	493
Herd Owner, Ben J. Gordon, Hammond.	Difference---	(1-2-1)	-1,264	-.1	-63
BERGMANN SCHRAGLEA BEETS 811101----------	10 daughters-	17	9,428	3.9	364
Born, 2-6-39; proved, 5-13-49;----; Ill.	5 daughters--	6	8,924	4.1	362
Sire, 734531; dam, 1467367.	5 dams-------	22	9,214	3.8	354
Herd Owner, Walter Wetzel, Waterloo.	Difference---	(2-4-3)	-290	+.3	+8
BESS WALKER BELMONT CASCADER 749001 *12----------	11 daughters-	12	12,296	3.6	447
Born, 6-13-37; proved, 5-3-49; dead; Iowa.	9 daughters--	10	12,154	3.6	438
Sire, 706682; dam, 1028545.	9 dams-------	13	10,271	3.4	345
Used in Minnesota Valley A. B. A., Minn.	Difference---	(6-6-8)	+1,883	+.2	+93
BOILING SPRINGS KING FORUM BETH 779865----------	7 daughters--	7	10,397	3.8	393
Born, 4-21-39; proved, 5-3-49;----; Pa.	6 daughters--	6	10,651	3.8	408
Sire, 728853; dam, 1109030.	6 dams-------	21	12,035	3.6	436
Herd Owner, Arthur Heisler, Tamaqua.	Difference---	(3-6-3)	-1,384	+.2	-28
BOILING SPRINGS MATTY FORUM 787727----------	6 daughters--	10	9,578	3.7	355
Born, 9-24-39; proved, 5-16-49;----; Pa.	6 dams-------	24	10,079	3.5	349
Sire, 728853; dam, 1952852.	Difference---	(2-5-2)	-501	+.2	+6
Herd Owner, George Nauss, Jr., Dillsburg.					
BONNY BROOK FAYNE EVERLASTING 794336----------	19 daughters-	28	11,342	3.5	401
Born, 4-12-39; proved, 5-25-49;----; N. Y.	16 daughters-	23	11,125	3.6	397
Sire, 691897; dam, 1711125.	16 dams------	48	12,519	3.4	424
Herd Owner, Jacob Hilpertshauser, Millerton.	Difference---	(4-13-8)	-1,394	+.2	-27
BONNY OAK MERCEDES RAG APPLE LASS 795557----------	8 daughters--	14	12,036	3.7	446
Born, 7-24-39; proved, 5-23-49;----; Wis.	5 daughters--	9	11,996	3.6	429
Sire, 753256; dam, 1826169.	5 dams-------	18	10,909	3.7	400
Herd Owner, Henry Richter, Union Grove.	Difference---	(4-2-4)	+1,087	-.1	+29
BREEZY LANE MODEL FOBES 8TH 736132----------	9 daughters--	10	13,250	3.6	480
Born, 8-4-36; proved, 5-25-49;----; Mo.	5 daughters--	5	12,559	3.7	466
Sire, 668867; dam, 1424775.	5 dams-------	6	11,893	3.7	435
Herd Owner, W. S. Buckley, Garden City.	Difference---	(3-3-4)	+666	.0	+31
BROADLAWN JO-JOE 747311----------	5 daughters--	24	12,669	3.9	492
Born, 11-30-36; proved, 5-2-49;----; Ill.	5 dams-------	20	13,036	3.5	450
Sire, 660272; dam, 1729885.	Difference---	(2-5-3)	-367	+.4	+42
Herd Owner, A. W. Abbott & Sons, Downers Grove.					
BUFORD PRILLY SENSATION BRAND 830773----------	13 daughters-	21	9,864	3.5	341
Born, 1-23-41; proved, 5-16-49;----; Wis.	7 daughters--	11	10,181	3.4	351
Sire, 666430; dam, 1958306.	7 dams-------	10	10,329	3.1	320
Herd Owner, St. Clara Academy, Sinsinawa.	Difference---	(4-6-3)	-148	+.3	+31

HOLSTEIN SIRES	Average	Records	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BURKE COLANTHA ORMSBY LAD 770376	6 daughters	11	12,823	3.6	46[illegible]
Born, 4-15-38; proved, 5-11-49; dead; Nebr.	5 daughters--	10	12,676	3.7	46[illegible]
Sire, 709770; dam, 1598456.	5 dams-------	12	13,850	3.3	46[illegible]
Herd Owner, Paul C. Swanson, Stromsburg.	Difference---	(1-4-2)	-1,174	+.4	+[illegible]
CAMERON ORMSBY BESS 666055 *4	23 daughters-	69	10,466	3.7	39[illegible]
Born, 2-10-32; proved, 5-9-49;----; Wis.	20 daughters-	62	10,579	3.7	391
Sire, 627212; dam, 1298055.	20 dams------	92	9,294	3.5	327
Herd Owner, Perry B. Moore, Almena.	Difference---	(16-13-17)	+1,285	+.2	+64
CARNATION BRACELET CREAMELLE 828807	5 daughters--	5	15,116	3.8	568
Born, 7-18-41; proved, 5-13-49;----; Ill.	5 dams-------	24	14,090	3.7	524
Sire, 678142; dam, 2068733.	Difference---	(2-3-3)	+1,026	+.1	+44
Herd Owner, A. E. Bodman, Bement.					
CARNATION BRACELET PRINCE 794530	5 daughters--	9	10,608	3.5	373
Born, 2-9-40; proved, 5-20-49;----; Minn.	5 dams-------	14	9,507	3.5	333
Sire, 682063; dam, 1771873.	Difference---	(2-3-3)	+1,101	.0	+40
Herd Owner, Ralph A. Hemingway, Ellendale.					
CARNATION CONCENTRATE 799099	24 daughters-	27	11,595	3.5	406
Born, 6-25-40; proved, 5-26-49;----; Ohio.	9 daughters--	12	11,952	3.4	405
Sire, 748645; dam, 1972612.	9 dams-------	11	11,479	3.2	364
Herd Owner, R. H. Barr, Canton.	Difference---	(6-9-8)	+473	+.2	+41
CARNATION GOVERNOR DESIGN 849689	14 daughters-	19	14,550	3.6	522
Born, 1-20-42; proved, 5-2-49;----; Del.	5 daughters--	7	15,199	3.7	560
Sire, 629472; dam, 1512360.	5 dams-------	11	11,735	3.4	397
Herd Owner, Tull Brothers, Seaford.	Difference---	(5-5-5)	+3,464	+.3	+163
CARNATION HOOSIER CHAMPION 724699	7 daughters--	10	10,672	3.7	397
Born, 6-3-36; proved, 5-25-49;----; Ind.	5 daughters--	8	10,153	3.8	383
Sire, 678142; dam, 1554583.	5 dams-------	5	12,975	3.5	458
Herd Owner, Hood & Richman, Daleville.	Difference---	(0-4-1)	-2,822	+.3	-75
CARNATION IMPERIAL KING 799086	12 daughters-	12	16,379	3.4	554
Born, 5-22-40; proved, 5-20-49;----; Wis.	6 daughters--	6	15,200	3.5	531
Sire, 698462; dam, 1840634.	6 dams-------	9	12,987	3.7	482
Herd Owner, Art J. Cull, Pewaukee.	Difference---	(6-1-5)	+2,213	-.2	+49
CARNATION INKA MAY KING 748649	11 daughters-	19	11,197	3.3	374
Born, 2-26-37; proved, 5-27-49;----; Iowa.	7 daughters--	10	11,433	3.4	388
Sire, 422078; dam, 1011375.	7 dams-------	18	12,131	3.4	407
Herd Owner, Milton Madison, Lone Rock.	Difference---	(2-5-2)	-698	.0	-19
CARNATION INKA ORMSBY DIRECTOR 813168	9 daughters--	15	10,642	3.6	387
Born, 11-16-40; proved, 5-23-49;----; Wis.	8 daughters--	14	10,843	3.7	398
Sire, 748645; dam, 1909684.	8 dams-------	16	12,125	3.5	429
Herd Owner, Alfred G. Bohl, Fennimore.	Difference---	(3-6-3)	-1,282	+.2	-31
CARNATION KING 802223	7 daughters--	14	13,061	3.6	470
Born, 7-17-40; proved, 5-26-49;----; Mich.	6 daughters--	11	13,248	3.6	483
Sire, 629472; dam, 1565789.	6 dams-------	7	10,856	3.4	367
Herd Owner, H. B. Hazerodt, Lapeer.	Difference---	(5-5-5)	+2,392	+.2	+116
CARNATION PERFECTION GOVERNOR 715741	9 daughters--	15	13,568	3.4	463
Born, 8-8-35; proved, 5-24-49;----; Wash.	5 daughters--	9	13,664	3.4	463
Sire, 629472; dam, 1554588.	5 dams-------	8	13,547	3.5	469
Herd Owner, Ralph Van Dyk, Lynden.	Difference---	(3-4-3)	+117	-.1	-6
CARNATION ROMEO HAZELWOOD 857481	9 daughters--	9	12,708	3.6	459
Born, 7-9-42; proved, 5-26-49;----; Ill.	9 dams-------	21	10,889	3.6	392
Sire, 629472; dam, 1871451.	Difference---	(8-5-8)	+1,819	.0	+67
Herd Owner, W. S. Morris & Son, Dixon.					
CHIEF ORMSBY INKA SEGIS 808575	8 daughters--	8	11,441	3.5	398
Born, 4-12-40; proved, 5-13-49;----; Iowa.	7 daughters--	7	11,249	3.5	392
Sire, 742460; dam, 1596008.	7 dams-------	28	12,163	3.5	423
Herd Owner, Fred Anderson, Terril.	Difference---	(3-3-4)	-914	.0	-31
CHIEF PAULINE SEGIS COLANTHA PIERE 797900	12 daughters-	17	10,059	4.2	420
Born, 6-11-38; proved, 5-17-49;----; Va.	5 daughters--	8	9,824	4.3	419
Sire, 709889; dam, 1260136.	5 dams-------	14	7,404	4.4	329
Herd Owner, John T. Wilkinson, Chilhowie.	Difference---	(4-2-4)	+2,420	-.1	+90
CHINOOK ROMEO ELDON 759860	5 daughters--	6	12,649	3.1	398
Born, 1-21-38; proved, 5-9-49; dead; Wash.	5 dams-------	12	12,211	3.2	388
Sire, 736375; dam, 1519055.	Difference---	(2-2-3)	+438	-.1	+10
Herd Owner, Harry & Faith Sherwood, Sunnyside.					
CLINCH HAVEN KORNDYKE 762154	9 daughters--	11	10,151	3.5	354
Born, 1-29-38; proved, 5-5-49; dead; Va.	6 daughters--	8	9,792	3.5	343
Sire, 703438; dam, 1736715.	6 dams-------	8	9,757	3.6	353
Herd Owner, D. Terpstra, Norton.	Difference---	(2-1-2)	+35	-.1	-10

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CLOTHILDE INKA VALDESSA 788315----------	9 daughters--	17	10,824	3.9	419
Born, 3-6-39; proved, 5-17-49;----; Ind.	6 daughters--	10	10,685	4.0	424
Sire, 694844; dam, 1712554.	6 dams-------	16	12,265	3.8	467
Herd Owner, Joseph Lemish & Son, Garrett.	Difference---	(0-6-1)	-1,580	+.2	-43
CLOVER LAWN CASCADER CORNFLOWER 782404----------	7 daughters--	10	10,510	3.7	390
Born, 11-19-38; proved, 5-4-49;----; Wis.	5 daughters--	7	9,839	3.7	363
Sire, 665172; dam, 1843925.	5 dams-------	6	9,763	3.7	358
Herd Owner, O. H. Grenlie, Scandinavia.	Difference---	(2-2-3)	+76	.0	+5
CLYDE HILL SIR MATADOR SEGIS 792442----------	18 daughters-	22	9,614	3.3	313
Born, 12-13-39; proved, 5-23-49;----; Mo.	6 daughters--	7	10,134	3.1	314
Sire, 660338; dam, 1846191.	6 dams-------	9	8,850	3.1	278
Herd Owner, Harold Berry, Galt.	Difference---	(4-3-4)	+1,284	.0	+36
COLANTHA PONTIAC ROYAL BEETS 816593----------	7 daughters--	13	9,415	3.5	333
Born, 9-12-40; proved, 5-9-49; dead; W. Va.	6 daughters--	10	9,434	3.6	336
Sire, 712299; dam, 1971508.	6 dams-------	14	10,731	3.4	368
Herd Owner, George Garton & Son, Jane Lew.	Difference---	(1-5-1)	-1,297	+.2	-32
COLANTHUS RAG APPLE PONTIAC 806973----------	10 daughters-	13	11,553	3.4	396
Born, 6-22-39; proved, 5-13-49; dead; Mich.	5 daughters--	6	10,813	3.3	356
Sire, 125197 CHB; dam, 361744 CHB.	5 dams-------	15	12,741	3.4	432
Herd Owner, A. M. Johnson & Sons, Battle Creek.	Difference---	(2-3-1)	-1,928	-.1	-76
COLUMBIAN BELMONT WALKER 857705----------	11 daughters-	14	9,064	3.7	333
Born, 12-18-41; proved, 5-20-49;----; Wis.	8 daughters--	11	8,779	3.6	319
Sire, 786035; dam, 1646594.	8 dams-------	22	8,843	3.3	294
Herd Owner, Ernest Feller & Russell Wilcox, Iron Ridge.	Difference---	(4-7-5)	-64	+.3	+25
CONEWANGO SENSATION DANVILLE 816963----------	16 daughters-	23	11,047	3.3	364
Born, 10-24-40; proved, 5-5-49;----; Pa.	9 daughters--	13	11,712	3.3	387
Sire, 587799; dam, 1486728.	9 dams-------	18	8,421	3.4	286
Herd Owner, Danville State Hospital, Danville.	Difference---	(7-4-7)	+3,291	-.1	+101
CONNEMEAD FREDRICK 763455----------	15 daughters-	24	10,563	3.4	363
Born, 12-18-37; proved, 5-10-49;----; Pa.	6 daughters--	10	10,875	3.5	378
Sire, 666441; dam, 1250670.	6 dams-------	14	12,538	3.4	432
Herd Owner, Ivan H. Stoltzfus, Gap.	Difference---	(1-4-1)	-1,663	+.1	-54
CORNELL SUPREME EDDO 859894----------	9 daughters--	13	9,011	3.6	323
Born, 7-6-42; proved, 5-4-49;----; Pa.	8 daughters--	12	8,993	3.4	310
Sire, 819169; dam, 2103436.	8 dams-------	36	10,134	3.4	349
Herd Owner, Harry M. Smith, Bellefonte.	Difference---	(2-5-2)	-1,141	.0	-39
CORRECTION PABST PRINCE 788587----------	5 daughters--	14	10,928	3.6	393
Born, 9-11-39; proved, 5-24-49;----; Ill.	5 dams-------	35	11,884	3.5	411
Sire, 748393; dam, 1480041.	Difference---	(2-4-2)	-956	+.1	-18
Herd Owner, Fred J. Miller, Marengo.					
CRESCENT SEGIS BUTTER PRINCE 791389----------	6 daughters--	9	13,474	3.3	444
Born, 12-21-39; proved, 5-20-49;----; Ill.	6 dams-------	12	12,846	3.5	449
Sire, 707767; dam, 1790708.	Difference---	(4-3-3)	+628	-.2	-5
Herd Owner, Maurice Hickey, Stillman Valley.					
CRESTLYN VICTOR ORMSBY SADIE 804738----------	6 daughters--	6	12,686	3.5	438
Born, 4-9-40; proved, 5-5-49;----; Ind.	5 daughters--	5	12,589	3.5	445
Sire, 760242; dam, 1716266.	5 dams-------	9	11,311	3.6	403
Herd Owner, Raymond L. Myers, South Bend.	Difference---	(3-2-3)	+1,278	-.1	+42
DANDY PIEBE ORMSBY 802538----------	7 daughters--	9	8,261	3.7	308
Born, 12-18-39; proved, 5-20-49;----; Pa.	7 dams-------	40	9,706	3.5	336
Sire, 754245; dam, 1852780.	Difference---	(1-6-3)	-1,445	+.2	-28
Herd Owner, Mrs. Frank Schwabenbauer, St. Marys.					
DAUNTLESS CRETE GOLD DIRECT (TWIN) 834559----------	6 daughters--	9	13,130	3.8	503
Born, 11-4-41; proved, 5-20-49;----; Maine.	6 dams-------	17	11,398	4.0	455
Sire, 668530; dam, 1602519.	Difference---	(4-2-4)	+1,732	-.2	+48
Herd Owner, Harold J. Shaw, Sanford.					
DAWN ORIS PRINCE ORMSBY 788276----------	7 daughters--	8	10,755	3.3	356
Born, 8-25-39; proved, 5-12-49;----; Wis.	6 daughters--	7	11,124	3.3	371
Sire, 661944; dam, 1837874.	6 dams-------	11	10,092	3.3	336
Herd Owner, Alfred Baas, Waukesha.	Difference---	(5-4-6)	+1,032	.0	+35
DEAN KORNDYKE DE KOL 823902----------	11 daughters-	20	8,785	3.8	332
Born, 10-12-40; proved, 5-12-49;----; Pa.	7 daughters--	11	8,600	3.8	323
Sire, 721548; dam, 2032855.	7 dams-------	33	10,896	3.7	399
Herd Owner, Maben R. Minnick, New Bethlehem.	Difference---	(0-6-0)	-2,296	+.1	-76
DE KOL MATADOR PIETJE 842401----------	10 daughters-	17	11,307	3.6	408
Born, 12-23-41; proved, 5-12-49;----; N. J.	5 daughters--	8	10,293	3.6	374
Sire, 765514; dam, 1650119.	5 dams-------	12	10,937	3.5	382
Herd Owner, Joseph Kanach, Ringoes.	Difference---	(2-5-2)	-644	+.1	-8

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DE KOL PONTIAC PATHWAY 756405----------	23 daughters-	26	8,849	3.5	313
Born, 12-28-35; proved, 5-16-49;----; Wis.	23 dams------	77	9,392	3.3	306
Sire, 588508; dam, 1461909.	Difference---	(10-19-16)	-543	+.2	+7
Herd Owner, Tuffley & Nelson, Boscobel.					
DON DUKE VALE ORMSBY 780059 *12----------	35 daughters-	76	10,659	4.1	440
Born, 9-28-38; proved, 5-9-49; dead; Wis.	34 daughters-	73	10,711	4.1	443
Sire, 739638; dam, 1857196.	34 dams------	183	12,133	3.7	447
Herd Owner, Freeman L. Hanson, Chetek.	Difference---	(11-32-19)	-1,422	+.4	-4
DON SEGIS BESSIE PONTIAC 796825----------	10 daughters-	14	12,054	3.3	402
Born, 2-25-40; proved, 5-25-49;----; Pa.	5 daughters--	7	11,283	3.3	368
Sire, 746590; dam, 1552326.	5 dams-------	10	11,928	3.5	413
Herd Owner, Charles & Pearl Alsdorf, Union City.	Difference---	(2-0-2)	-645	-.2	-45
DOUGLAS BUTTERCUP HARK INKA 754052----------	8 daughters--	17	13,730	3.4	473
Born, 12-20-37; proved, 5-10-49;----; Ill.	5 daughters--	10	14,135	3.4	485
Sire, 675277; dam, 1432550.	5 dams-------	7	13,783	3.4	474
Herd Owner, John W. Rufi, Monroe.	Difference---	(3-4-3)	+352	.0	+11
DUKE CLOTHILDE ORMSBY 844715----------	15 daughters-	27	10,422	3.5	363
Born, 10-20-41; proved, 5-12-49;----; Pa.	15 dams------	68	10,635	3.5	377
Sire, 681138; dam, 1920326.	Difference---	(6-8-6)	-213	.0	-14
Herd Owner, Clayton Sharpe, Laceyville.					
DUKE FREDERICK POSCH 756725----------	8 daughters--	21	10,587	3.3	351
Born, 3-14-38; proved, 5-11-49;----; N. Y.	6 daughters--	16	10,456	3.3	347
Sire, 730362; dam, 1850015.	6 dams-------	30	11,857	3.6	422
Herd Owner, Fred Henkle, Sauquoit.	Difference---	(1-1-1)	-1,401	-.3	-75
DUKE KORNDYKE DONA DICK SEGIS 788469----------	11 daughters-	12	10,891	3.7	405
Born, 1-20-39; proved, 5-13-49;----; Wis.	5 daughters--	5	10,645	3.8	410
Sire, 739638; dam, 1824927.	5 dams-------	7	11,056	3.8	419
Herd Owner, Richard Johnson, Rice Lake.	Difference---	(3-3-1)	-411	.0	-9
DUNLOGGIN ADWOOD 760474----------	5 daughters--	15	13,015	3.8	494
Born, 8-5-38; proved, 5-5-49;----; Va.	5 dams-------	27	11,805	3.7	441
Sire, 667915; dam, 1665931.	Difference---	(5-3-5)	+1,210	+.1	+53
Herd Owner, Middleton Brothers, Herndon.					
DUNLOGGIN FON LEO 821863----------	15 daughters-	22	14,452	3.4	497
Born, 3-12-41; proved, 5-12-49; dead; Kans.	8 daughters--	12	14,781	3.4	502
Sire, 751640; dam, 1575228.	8 dams-------	14	13,284	3.5	462
Herd Owner, Leo H. Hostetler, Harper.	Difference---	(6-3-5)	+1,497	-.1	+40
ECHO VALLEY PIETERTJE ADMIRAL 833976----------	6 daughters--	7	10,409	3.5	364
Born, 9-13-41; proved, 5-19-49;----; Wis.	5 daughters--	6	10,619	3.5	372
Sire, 741309; dam, 1635375.	5 dams-------	23	11,763	3.2	380
Herd Owner, F. H. Boyle, Fond du Lac.	Difference---	(2-4-2)	-1,144	+.3	-8
ELCO GOVERNOR ORMSBY SAMBO 787696----------	5 daughters--	8	10,490	3.5	372
Born, 12-5-39; proved, 5-17-49;----; N. Y.	5 dams-------	11	15,390	3.4	523
Sire, 682068; dam, 1929031.	Difference---	(0-4-0)	-4,900	+.1	-151
Herd Owner, Frank Beecher, Holcomb.					
ELCO POSCH PRINCE 796402----------	10 daughters-	15	9,991	3.5	347
Born, 11-28-39; proved, 5-26-49;----; N. Y.	5 daughters--	8	11,336	3.5	392
Sire, 758327; dam, 2041767.	5 dams-------	29	12,033	3.3	401
Herd Owner, Millard Russel, Bovina Center.	Difference---	(2-5-2)	-697	+.2	-9
ELMBROOK FRISKY BOY (TWIN) 787558----------	6 daughters--	9	11,691	3.6	419
Born, 7-7-39; proved, 5-13-49;----; Pa.	5 daughters--	7	11,602	3.6	423
Sire, 759677; dam, 2001877.	5 dams-------	15	13,005	3.6	474
Herd Owner, Norman C. Chapman, Genesee.	Difference---	(1-3-1)	-1,403	.0	-51
ELM-ODE DIXIE GIP DE KOL 778249----------	6 daughters--	8	11,453	3.4	390
Born, 3-31-37; proved, 5-4-49;----; Mich.	6 dams-------	11	13,141	3.1	407
Sire, 656565; dam, 1681325.	Difference---	(1-5-3)	-1,688	+.3	-17
Herd Owner, Weller H. Taylor, McBain.					
EMMONS FARMS KING BESSIE POSCH 860924----------	7 daughters--	10	12,869	3.3	430
Born, 9-16-42; proved, 5-16-49;----; Ohio.	7 dams-------	11	12,103	3.5	426
Sire, 688260; dam, 2022039.	Difference---	(3-3-3)	+766	-.2	+4
Herd Owner, Leland Brackney, Wapakoneta.					
ERMVALE PAPOOSE ORMSBY (TWIN) 846687----------	12 daughters-	16	13,793	3.5	489
Born, 9-27-41; proved, 5-9-49; dead; Iowa.	7 daughters--	9	13,987	3.6	505
Sire, 745234; dam, 1846417.	7 dams-------	19	12,890	3.3	423
Herd Owner, Claeys Brothers, Long Grove.	Difference---	(5-6-6)	+1,097	+.3	+82
FAIRHURST KING BESSIE SEGIS 759122----------	9 daughters--	18	11,011	3.5	390
Born, 11-3-37; proved, 5-11-49; dead; Mich.	7 daughters--	14	11,117	3.6	403
Sire, 726874; dam, 1582403.	7 dams-------	18	11,748	3.4	402
Herd Owner, Mrs. Frank Lawrence & Sons, Hudson.	Difference---	(3-4-3)	-631	+.2	+1

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FAIRLAND PIETERTJE FAYNE 818047----------	6 daughters--	9	9,733	3.5	343
Born, 10-10-40; proved, 5-25-49;----; Ky.	5 daughters--	7	9,500	3.7	347
Sire, 728224; dam, 1944053.	5 dams-------	15	11,513	3.4	394
Herd Owner, H. B. Odor, Williamstown.	Difference---	(0-4-1)	-2,013	+.3	-47
FALFADALE BOB ORMSBY PONTIAC 767189----------	8 daughters--	11	13,835	3.6	499
Born, 11-5-38; proved, 5-24-49;----; Mich.	7 daughters--	10	13,685	3.5	479
Sire, 633685; dam, 1474134.	7 dams-------	24	13,555	3.4	463
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-5-3)	+130	+.1	+16
FAR VIEW ALEX 884571----------	6 daughters--	6	11,444	3.6	416
Born, 3-8-43; proved, 5-24-49;----; Pa.	5 daughters--	5	11,315	3.7	419
Sire, 770576; dam, 1316378.	5 dams-------	17	12,589	3.3	418
Herd Owner, R. H. Leet & Sons, Starrucca.	Difference---	(1-5-2)	-1,274	+.4	+1
FAYNE POSCH COLANTHA 802686----------	7 daughters--	13	11,763	3.7	432
Born, 12-21-39; proved, 5-26-49;----; Pa.	5 daughters--	10	11,621	3.6	424
Sire, 695719; dam, 1808792.	5 dams-------	15	11,859	3.5	411
Herd Owner, J. H. Wilson & Sons, Clinton.	Difference---	(3-3-4)	-238	+.1	+13
FEMCO PRINCE AAGGIE 621423 *9----------	70 daughters-	135	12,281	3.4	417
Born, 5-10-30; proved, 5-5-49; dead; Minn.	35 daughters-	71	12,425	3.4	418
Sire, 501151; dam, 1101027.	35 dams------	92	11,985	3.4	404
Used in Minnesota Valley A. B. A.	Difference---	(20-19-21)	+440	.0	+14
FINELLA SIR DIJKSTRA KORNDYKE 797625----------	9 daughters--	17	10,444	3.7	383
Born, 5-20-40; proved, 5-23-49;----; Va.	7 daughters--	12	10,043	3.7	369
Sire, 736972; dam, 1199316.	7 dams-------	10	9,495	3.7	354
Herd Owner, William J. Smith & Sons, Culpeper.	Difference---	(3-3-4)	+548	.0	+15
FORES KORNDYKE ORMSBY 837308----------	11 daughters-	14	13,608	3.5	480
Born, 12-13-41; proved, 5-26-49;----; Ill.	6 daughters--	7	13,099	3.5	464
Sire, 763873; dam, 1462055.	6 dams-------	10	11,920	3.5	415
Herd Owner, William M. Hassler & Son, Princeton.	Difference---	(4-4-5)	+1,179	.0	+49
FORES ORMSBY BURKE HARTOG 772287----------	8 daughters--	13	11,283	3.7	418
Born, 1-30-39; proved, 5-23-49;----; Pa.	8 dams-------	27	10,898	3.5	383
Sire, 674456; dam, 1686429.	Difference---	(5-7-5)	+385	+.2	+35
Herd Owner, Clarence R. Sunday, Carlisle.					
[illegible] ADMIRAL ORMSBY 783402----------	17 daughters-	33	12,314	3.6	446
[illegible] -23-39; proved, 5-27-49;----; Ill.	8 daughters--	15	12,283	3.6	447
Sire, 698322; dam, 1779140.	8 dams-------	16	12,963	3.5	452
[illegible] Fraser, Homer Curtiss, Stockton.	Difference---	(3-5-5)	-680	+.1	-5
[illegible] WONDER WINTERTHUR 769195----------	7 daughters--	10	12,817	3.7	478
Born, 1-29-38; proved, 5-5-49;----; Wis.	7 dams-------	21	11,635	3.8	440
Sire, 694354; dam, 1784686.	Difference---	(5-2-5)	+1,182	-.1	+38
Herd Owner, Henry Richter, Union Grove.					
FULTONA MARATHON VASSAR 790181----------	8 daughters--	14	9,780	3.6	356
Born, 7-13-39; proved, 5-12-49; dead; Mich.	6 daughters--	12	10,731	3.7	396
Sire, 741199; dam, 1732087.	6 dams-------	15	13,707	3.5	482
Herd Owner, Fruit Ridge Stock Farm, Sand Creek.	Difference---	(0-3-1)	-2,976	+.2	-86
[illegible]LKEY FARMS TOP NOTCH 877083 *(Dec. 1948)----------	13 daughters-	18	11,467	3.4	390
Born, 5-14-42; proved, 5-2-49; dead; Minn.	12 daughters-	16	11,409	3.4	388
Sire, 678142; dam, 1962034.	12 dams------	75	12,114	3.4	409
Herd Owner, Roosevelt Ditlevson, Blooming Prairie,	Difference---	(3-7-5)	-705	.0	-21
GODFREYS MARTO HENRY CASCADE 785215----------	7 daughters--	8	12,270	3.5	432
Born, 8-16-39; proved, 5-9-49;----; Ill.	7 dams-------	17	11,862	3.4	409
Sire, 730072; dam, 1943184.	Difference---	(4-4-3)	+408	+.1	+23
Herd Owner, Frances Schmitt, McHenry.					
GOVERNOR CRUSADER CREATOR FISHER 722607----------	6 daughters--	9	9,120	3.8	350
Born, 10-31-35; proved, 5-26-49;----; Mich.	6 dams-------	12	9,937	3.9	383
Sire, 618734; dam, 1579940.	Difference---	(2-2-3)	-817	-.1	-33
Herd Owner, Harry Ross, Iron Mountain.					
GOVERNOR FORES LONGFIELD 24TH 740187----------	6 daughters--	10	10,498	3.6	374
Born, 5-23-36; proved, 5-19-49;----; Minn.	6 dams-------	11	10,733	3.2	348
Sire, 554952; dam, 1553397.	Difference---	(3-4-3)	-235	+.4	+26
Herd Owner, Gilmer Undahl, Emmons.					
GOVERNOR PEARL HOMESTEAD ORMSBY 816052----------	17 daughters-	24	12,232	3.5	430
Born, 9-23-40; proved, 5-24-49;----; Minn.	10 daughters-	14	12,527	3.6	449
Sire, 742367; dam, 1689741.	10 dams------	15	10,602	3.4	358
Herd Owner, Harry D. Parsons, Northfield.	Difference---	(7-8-9)	+1,925	+.2	+91
GRAND PRE ORMSBY PRIVATEER 823715----------	5 daughters--	7	10,941	3.6	393
Born, 11-25-40; proved, 5-5-49;----; Mo.	5 dams-------	25	9,146	3.7	336
Sire, 639850; dam, 1804013.	Difference---	(5-3-4)	+1,795	-.1	+57
Herd Owner, J. E. Crosby, Jr., Columbia.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GREENWOOD COUNTRYMAN 772382----------	7 daughters--	7	13,038	3.3	434
Born, 9-15-38; proved, 5-4-49;----; Pa.	6 daughters--	6	14,166	3.3	465
Sire, 618582; dam, 1190492.	6 dams-------	27	13,866	3.4	477
Herd Owner, Cordie L. Allen, Nicholson.	Difference---	(3-2-2)	+300	-.1	-12
HAMER BELMONT POSCH (TWIN) 853461----------	16 daughters-	24	10,355	3.5	360
Born, 9-5-41; proved, 5-12-49;----; Iowa.	5 daughters--	9	12,072	3.3	404
Sire, 749574; dam, 2058608.	5 dams-------	10	11,386	3.5	400
Herd Owner, Amana Society, Amana.	Difference---	(3-2-3)	+686	-.2	+4
HAMER CHIEFTAIN MODEL (TWIN) 816451 *(July 1948)----------	13 daughters-	18	12,788	3.8	490
Born, 3-24-40; proved, 5-17-49; dead; Minn.	12 daughters-	17	13,011	3.8	499
Sire, 749574; dam, 1960373.	12 dams------	23	12,182	3.7	445
Herd Owner, Andrews Nursery Co., Faribault.	Difference---	(6-8-8)	+829	+.1	+54
HARTOG ORMSBY PIEBE BOY 860711----------	7 daughters--	13	9,017	3.3	298
Born, 8-2-41; proved, 5-20-49;----; Pa.	6 daughters--	10	9,102	3.3	300
Sire, 774413; dam, 2346068.	6 dams-------	30	9,182	3.3	302
Herd Owner, W. Earl Wood, Carlisle.	Difference---	(3-4-3)	-80	.0	-2
HENRY-LEA KING MERCEDES 812279----------	7 daughters--	20	10,773	3.6	384
Born, 11-2-40; proved, 5-11-49; dead; Minn.	5 daughters--	13	10,486	3.5	372
Sire, 748901; dam, 1458808.	5 dams-------	9	12,954	3.5	459
Herd Owner, Bernard Pearson, Foreston.	Difference---	(1-3-1)	-2,468	.0	-87
HERSHEY COUNT INKA ORMSBY 789073----------	15 daughters-	22	10,511	3.5	368
Born, 10-25-39; proved, 5-25-49;----; Pa.	6 daughters--	9	10,951	3.5	384
Sire, 682745; dam, 2061623.	6 dams-------	12	12,113	3.1	379
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-6-4)	-1,162	+.4	+5
HERSHEY SEGIS JOE LONGFIELD 811027----------	8 daughters--	9	9,968	3.3	328
Born, 10-24-40; proved, 5-10-49;----; Pa.	6 daughters--	6	9,690	3.3	324
Sire, 575204; dam, 2032975.	6 dams-------	8	12,307	3.2	396
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-4-2)	-2,617	+.1	-72
HIGHPATH DACE ORMSBY RUE 767156----------	8 daughters--	10	9,782	3.7	359
Born, 8-1-38; proved, 5-12-49;----; Minn.	6 daughters--	8	9,400	3.8	353
Sire, 705140; dam, 1735902.	6 dams-------	12	9,437	3.8	356
Herd Owner, Ferdinand A. Heuer & Sons, Norwood.	Difference---	(2-3-2)	-37	.0	-3
HIGHPATH GALLANT AD QUEEN 825477----------	8 daughters--	8	8,932	3.5	317
Born, 2-19-41; proved, 5-9-49;----; Minn.	5 daughters--	5	8,580	3.4	295
Sire, 743686; dam, 1920393.	5 dams-------	9	11,825	3.4	400
Herd Owner, Porternest Farm, Hopkins.	Difference---	(1-3-1)	-3,245	.0	-105
HILLSBORO ECHO ALICE GENTLEMAN 802015----------	6 daughters--	14	13,038	3.7	481
Born, 10-13-39; proved, 5-26-49;----; Md.	5 daughters--	12	12,727	3.7	475
Sire, 748440; dam, 1788776.	5 dams-------	16	12,018	3.5	425
Herd Owner, C. Lease & Frances L. Bussard, Frederick.	Difference---	(2-3-5)	+709	+.2	+50
HOESLY JOE FOBES (TWIN) 792362----------	7 daughters--	7	10,778	3.6	389
Born, 5-29-39; proved, 5-12-49;----; Wis.	5 daughters--	5	10,601	3.6	385
Sire, 725852; dam, 1878619.	5 dams-------	5	12,245	3.2	388
Herd Owner, Milo Anderson, Belleville.	Difference---	(1-5-2)	-1,644	+.4	-3
HOLWYN MERCEDES FACTOR 829026----------	9 daughters--	14	9,343	3.2	301
Born, 10-8-39; proved, 5-20-49;----; Ohio.	8 daughters--	13	9,626	3.2	312
Sire, 739492; dam, 1954245.	8 dams-------	22	10,916	3.2	351
Herd Owner, Wilbur Gantz, Grove City.	Difference---	(2-5-2)	-1,290	.0	-39
HURLBERT PAT SYLVIUS POSCH 791614----------	7 daughters--	12	10,107	3.7	371
Born, 8-4-39; proved, 5-13-49;----; N. Y.	5 daughters--	8	9,520	3.7	348
Sire, 758272; dam, 1666762.	5 dams-------	16	10,561	3.5	365
Herd Owner, Charles C. Holmes, Hyndsville.	Difference---	(0-5-1)	-1,041	+.2	-17
I B C TRITOMIA DEAN 797389----------	10 daughters-	17	11,288	3.9	440
Born, 2-23-40; proved, 5-20-49; dead; Iowa.	9 daughters--	16	11,420	3.9	449
Sire, 761974; dam, 1380289.	9 dams-------	22	11,935	3.5	420
Herd Owner, State Sanatorium, Oakdale.	Difference---	(4-8-6)	-515	+.4	+29
IDEAL ORMSBY MELBA PRINCE 809480----------	7 daughters--	16	12,076	3.3	404
Born, 11-11-39; proved, 5-11-49;----; Pa.	5 daughters--	14	11,314	3.4	380
Sire, 754154; dam, 1790324.	5 dams-------	20	12,548	3.2	398
Herd Owner, D. W. Alsdorf & Son, Spartansburg.	Difference---	(1-4-2)	-1,234	+.2	-18
ILLINI ILLADOGA FOBES PRINCE 734886----------	7 daughters--	16	12,373	3.9	483
Born, 1-17-37; proved, 5-26-49;----; Ill.	5 daughters--	14	12,509	3.9	484
Sire, 569148; dam, 1501166.	5 dams-------	13	10,788	3.7	397
Herd Owner, Frank Robison, Morton.	Difference---	(3-4-3)	+1,721	+.2	+87
INKA DE KOL PRILLY JOE 854940----------	7 daughters--	9	14,225	3.3	470
Born, 1-24-42; proved, 5-3-49; alive; Calif.	7 dams-------	22	12,867	3.6	461
Sire, 802093; dam, 2058639.	Difference---	(5-1-3)	+1,358	-.3	+9
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
INKA ORMSBY OF WOP 749945----------	19 daughters-	19	12,433	3.6	443
Born, 10-26-37; proved, 5-26-49;----; Okla.	12 daughters-	12	12,209	3.5	427
Sire, 681121; dam, 1709834.	12 dams------	13	9,374	3.5	324
Herd Owner, Chilocco Agricultural School, Chilocco.	Difference---	(12-8-11)	+2,835	.0	+103
IONIA MASTERPIECE ORMSBY AAGGIE 859188----------	11 daughters-	13	14,423	3.4	497
Born, 6-5-42; proved, 5-4-49;----; Mich.	11 dams------	27	13,015	3.5	451
Sire, 671583; dam, 1696410.	Difference---	(9-7-9)	+1,408	-.1	+46
Herd Owner, G. Ed. Peterson, Orleans.					
JOH HENGERVELD PENDER ORMSBY LAD 851346----------	8 daughters--	9	13,005	3.3	423
Born, 12-4-41; proved, 5-4-49;----; Pa.	8 dams-------	30	13,437	3.3	448
Sire, 779840; dam, 1912302.	Difference---	(3-5-5)	-432	.0	-25
Herd Owner, Ellis D. Rearick, Millheim.					
JONABELL DEUBLER 856840----------	8 daughters--	8	10,736	3.5	376
Born, 5-18-41; proved, 5-4-49;----; Pa.	8 dams-------	45	9,841	3.3	326
Sire, 720861; dam, 1962905.	Difference---	(5-6-6)	+895	+.2	+50
Herd Owner, M. A. Smeltzer, Nu Mine.					
KANOWA SEGIS ORMSBY MAN-O-WAR 790512 *11----------	42 daughters-	73	12,570	3.7	465
Born, 1-4-39; proved, 5-9-49; alive; Calif.	41 daughters-	72	12,625	3.7	466
Sire, 619004; dam, 1699390.	41 dams------	170	12,258	3.6	436
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.	Difference---	(23-34-29)	+367	+.1	+30
KARIOLE CARNATION PRILLY 823837----------	16 daughters-	25	12,636	3.5	438
Born, 1-15-41; proved, 5-5-49;----; Wis.	13 daughters-	22	12,640	3.4	431
Sire, 705177; dam, 1471099.	13 dams------	50	10,223	3.7	377
Herd Owner, John C. Oettmeier, Jefferson.	Difference---	(13-4-11)	+2,417	-.3	+54
KENWOOD PIONEER DUKE 860181----------	6 daughters--	7	12,087	3.6	429
Born, 9-22-42; proved, 5-20-49;----; Pa.	6 dams-------	26	12,250	3.5	426
Sire, 730259; dam, 1937223.	Difference---	(2-4-3)	-163	+.1	+3
Herd Owner, Lewis W. Baylet, Bellefonte.					
K G I S TRIUNE IDOL 788102----------	7 daughters--	12	10,688	3.4	362
Born, 9-3-39; proved, 5-16-49;----; Kans.	7 dams-------	30	11,366	3.5	402
Sire, 666017; dam, 1895312.	Difference---	(3-2-2)	-678	-.1	-40
Herd Owner, State Training School, Winfield.					
KING ABBEKERK ORMSBY INKA FOBES 836005----------	6 daughters--	8	11,859	3.6	423
Born, 6-1-41; proved, 5-3-49; dead; Ill.	5 daughters--	7	10,876	3.6	395
Sire, 778775; dam, 1993241.	5 dams-------	14	13,382	3.6	478
Herd Owner, William Bernard & Sons, Mokena.	Difference---	(0-3-0)	-2,506	.0	-83
KING BELMONT ORMSBY LAD 754589 *12----------	52 daughters-	107	10,825	4.0	428
Born, 1-5-38; proved, 5-24-49;----; Minn.	50 daughters-	103	10,778	4.0	426
Sire, 715862; dam, 1567589.	50 dams------	133	11,338	3.6	405
Herd Owner, Tilney Farms, Lewisville.	Difference---	(18-38-32)	-560	+.4	+21
KING BESSIE DAISY FOBES 781552----------	6 daughters--	8	13,821	3.7	513
Born, 8-15-39; proved, 5-9-49;----; Wis.	5 daughters--	7	14,568	3.7	538
Sire, 748526; dam, 1907654.	5 dams-------	13	13,005	3.6	473
Herd Owner, Willis Munger, Seymour.	Difference---	(5-3-5)	+1,563	+.1	+65
KING BESSIE FOBES DIXIE KORNDYKE 809911----------	6 daughters--	10	12,327	3.6	444
Born, 8-9-40; proved, 5-10-49;----; Pa.	5 daughters--	8	12,636	3.6	453
Sire, 688252; dam, 1475492.	5 dams-------	16	11,369	3.6	404
Herd Owner, J. A. & W. D. Fairchild, Berwick.	Difference---	(3-3-4)	+1,267	.0	+49
KING BESSIE JEWEL PIETERTJE 801359----------	12 daughters-	15	12,213	3.4	419
Born, 9-20-39; proved, 5-20-49; dead; Minn.	8 daughters--	11	12,520	3.4	422
Sire, 676477; dam, 1855609.	8 dams-------	15	10,723	3.4	361
Herd Owner, Fritz J. Sprenger, Zumbro Falls.	Difference---	(6-7-6)	+1,797	.0	+61
KING BESSIE MODEL CHAMPION 677940 *5----------	34 daughters-	68	10,951	3.4	371
Born, 3-28-33; proved, 5-3-49;----; Minn.	14 daughters-	33	10,263	3.4	348
Sire, 621261; dam, 1458925.	14 dams------	30	12,039	3.2	381
Herd Owner, Walter R. Schafer & Sons, Owatonna.	Difference---	(3-14-3)	-1,776	+.2	-33
KING BESSIE PLUS DIXIE 18TH 755077----------	13 daughters-	30	13,653	3.3	447
Born, 9-12-37; proved, 5-13-49; dead; Mich.	5 daughters--	11	13,375	3.3	436
Sire, 688252; dam, 1569339.	5 dams-------	8	11,153	3.0	335
Herd Owner, Ray Platt & Son, Mason.	Difference---	(4-5-5)	+2,222	+.3	+101
KING BESSIE TENSEN GYPSIE (TWIN) 742590 *12----------	59 daughters-	100	13,024	3.5	453
Born, 8-30-36; proved, 5-5-49; dead; Minn.	34 daughters-	60	12,758	3.5	441
Sire, 520107; dam, 1560448.	34 dams------	81	12,520	3.4	428
Used in Minnesota Valley A. B. A.	Difference---	(16-24-17)	+238	+.1	+13
KING DENVER STAR DICHTER 825964----------	7 daughters--	13	11,206	3.6	404
Born, 3-14-39; proved, 5-13-49;----; Pa.	5 daughters--	8	12,449	3.7	454
Sire, 734104; dam, 2238802.	5 dams-------	13	12,295	3.7	449
Herd Owner, Kenneth Ellsworth, Meshoppen.	Difference---	(2-3-2)	+154	.0	+5

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING INKA SKYLARK CONDUCTOR 859909----------	10 daughters-	17	9,596	3.7	351
Born, 8-23-41; proved, 5-20-49;----; Kans.	7 daughters--	11	9,564	3.7	353
Sire, 800381; dam, 1821620.	7 dams-------	13	9,899	3.5	349
Herd Owner, Francis B. Holthaus, Baileyville.	Difference---	(2-5-3)	-335	+.2	+4
KING LAKEFIELD FLORA SUPREME 818744----------	5 daughters--	8	13,027	3.7	485
Born, 1-2-41; proved, 5-24-49;----; Pa.	5 dams-------	13	13,525	3.9	522
Sire, 698278; dam, 1928435.	Difference---	(2-2-1)	-498	-.2	-37
Herd Owner, D. Q. Adams, Mifflintown.					
KING ORMSBY FOBES PIEBE MARATHON 816591----------	5 daughters--	8	13,875	3.5	487
Born, 8-4-40; proved, 5-9-49; dead; W. Va.	5 dams-------	10	11,248	3.5	389
Sire, 516202; dam, 1791175.	Difference---	(4-3-5)	+2,627	.0	+98
Herd Owner, Thomas Garton, Jane Lew.					
KING ORMSBY OAK JOHANNA 809183----------	15 daughters-	23	12,268	3.3	403
Born, 12-19-38; proved, 5-26-49;----; Wis.	5 daughters--	8	12,649	3.3	418
Sire, 744598; dam, 1776223.	5 dams-------	7	10,628	3.4	361
Herd Owner, John F. Roche, Rio.	Difference---	(4-2-3)	+2,021	-.1	+57
KING ORMSBY PANSY BURKE FAYNE 783478----------	44 daughters-	45	7,575	3.4	261
Born, 12-15-38; proved, 5-26-49;----; Wis.	27 daughters-	27	7,471	3.5	260
Sire, 729720; dam, 1046442.	27 dams------	89	8,935	3.3	299
Herd Owner, Edward Hofland, Menomonie.	Difference---	(5-20-10)	-1,464	+.2	-39
KING ORMSBY RAG APPLE MOOIE 786950----------	10 daughters-	13	10,379	3.6	376
Born, 9-14-36; proved, 5-27-49;----; Wis.	8 daughters--	11	10,415	3.7	385
Sire, 713217; dam, 1731778.	8 dams-------	39	11,352	3.6	410
Used in Trempealeau Co-op. A. B. A.	Difference---	(3-5-3)	-937	+.1	-25
KING PONTIAC FOBES FAYNE 788670----------	12 daughters-	16	10,934	3.5	378
Born, 9-20-39; proved, 5-13-49;----; Ill.	9 daughters--	11	11,246	3.5	393
Sire, 711327; dam, 1423844.	9 dams-------	18	10,350	3.5	359
Herd Owner, Blenavon Farm, Elgin.	Difference---	(5-4-5)	+896	.0	+34
KING RUTH DEMOSTHENES KONIGEN 772639----------	10 daughters-	13	11,030	3.5	387
Born, 9-16-37; proved, 5-10-49;----; Maine.	5 daughters--	8	10,746	3.5	380
Sire, 683632; dam, 1791681.	5 dams-------	12	10,630	3.1	328
Herd Owner, N. Searle Perry, Bangor.	Difference---	(3-4-4)	+116	+.4	+52
KNOLLWOOD GLISTA CHIEFTAIN 891547----------	5 daughters--	5	13,063	3.7	485
Born, 9-1-43; proved, 5-3-49; alive; Iowa.	5 dams-------	19	11,188	3.6	400
Sire, 695631; dam, 2264628.	Difference---	(5-4-5)	+1,875	+.1	+85
Herd Owner, Albert C. Timm, Muscatine.					
KONIGEN HARTJE PRILLY 734247----------	5 daughters--	10	12,751	3.4	436
Born, 10-29-36; proved, 5-24-49;----; N. Y.	5 dams-------	20	11,237	3.6	401
Sire, 714296; dam, 1583291.	Difference---	(4-2-4)	+1,514	-.2	+35
Herd Owner, Floyd Crandall, Cameron.					
KYLAND FOBES BURKE 894515----------	16 daughters-	16	14,082	3.4	475
Born, 2-27-43; proved, 5-27-49;----; Wis.	16 dams------	46	11,915	3.6	423
Sire, 697789; dam, 1981531.	Difference---	(12-6-12)	+2,167	-.2	+52
Used in East Central Co-op. A. B. A.					
LAKESIDE MARTO HOMESTEAD 822053----------	6 daughters--	9	10,612	3.4	360
Born, 9-6-40; proved, 5-5-49;----; Wis.	5 daughters--	8	10,098	3.4	344
Sire, 750578; dam, 1526615.	5 dams-------	6	11,509	3.4	387
Herd Owner, H. H. & B. R. Huggitt, Fall River.	Difference---	(1-4-1)	-1,411	.0	-43
LAMVOC SEGIS MARATHON 798095----------	10 daughters-	19	10,603	3.5	376
Born, 11-17-39; proved, 5-25-49;----; Pa.	6 daughters--	10	10,185	3.5	354
Sire, 760340; dam, 2029597.	6 dams-------	13	12,883	3.3	430
Herd Owner, Jacob Houser & Son, Lampeter.	Difference---	(1-5-0)	-2,698	+.2	-76
LAUXMONT ADMIRAL OLIVER 769173----------	7 daughters--	24	9,850	3.9	381
Born, 10-15-38; proved, 5-9-49;----; Pa.	5 daughters--	17	9,714	4.0	385
Sire, 696612; dam, 1642087.	5 dams-------	26	11,541	3.1	361
Herd Owner, Somerset State Hospital, Somerset.	Difference---	(1-5-3)	-1,827	+.9	+24
LAUXMONT ADRODELLA ADVANCER 811543----------	12 daughters-	21	12,170	3.7	453
Born, 10-13-40; proved, 5-13-49;----; Pa.	8 daughters--	15	12,206	3.8	458
Sire, 759621; dam, 1571030.	8 dams-------	39	13,124	3.7	491
Herd Owner, Mrs. Rudy J. Yoder, Belleville.	Difference---	(4-4-2)	-918	+.1	-33
LAUXMONT MONCADE SQUIRE 769169----------	5 daughters--	13	12,244	3.5	430
Born, 9-19-38; proved, 5-10-49;----; Pa.	5 dams-------	27	11,082	3.6	395
Sire, 730068; dam, 1543986.	Difference---	(3-3-2)	+1,162	-.1	+35
Herd Owner, Russell P. Grazier, Millheim.					
LAUXMONT SAFEMASTER TRUE FORM 838760----------	15 daughters-	19	9,872	3.6	355
Born, 11-29-41; proved, 5-3-49;----; Pa.	12 daughters-	15	9,817	3.5	348
Sire, 751642; dam, 1505381.	12 dams------	32	12,355	3.5	438
Herd Owner, Thompson Brothers, Delta.	Difference---	(3-9-3)	-2,538	.0	-90

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LEAFY LAWN ABBEKERK ORMSBY 813949----------	12 daughters-	18	10,897	3.4	372
Born, 7-9-40; proved, 5-20-49;----; N. Y.	7 daughters--	10	10,416	3.4	359
Sire, 662063; dam, 1230737.	7 dams-------	12	10,971	3.3	360
Herd Owner, George D. King, North Bangor.	Difference---	(3-6-4)	-555	+.1	-1
MANFDELL FOBES SEGIS 823804----------	8 daughters--	14	12,368	3.1	385
Born, 2-18-41; proved, 5-4-49; dead; Ohio.	7 daughters--	12	11,922	3.0	361
Sire, 793719; dam, 1958065.	7 dams-------	11	13,697	3.2	438
Herd Owner, George W. Huffman & Son, Columbus.	Difference---	(2-2-2)	-1,775	-.2	-77
MAN-O-WAR ORMSBY LASSIE COLANTHA 754593----------	14 daughters-	16	10,799	3.6	384
Born, 12-2-37; proved, 5-13-49; dead; Minn.	10 daughters-	12	10,905	3.5	377
Sire, 714868; dam, 1881052.	10 dams------	20	11,090	3.3	363
Herd Owner, Lloyd H. Alberts, Pine Island.	Difference---	(5-7-5)	-185	+.2	+14
MARIBERT COUNT BUTTERCUP BOY 854922----------	13 daughters-	16	9,537	3.4	328
Born, 2-28-41; proved, 5-3-49;----; Wis.	6 daughters--	8	9,150	3.4	316
Sire, 749489; dam, 2329676.	6 dams-------	11	8,154	3.5	288
Herd Owner, Wendell Gillett, Chetek.	Difference---	(6-2-5)	+996	-.1	+28
MARL KING FAYNE POSCH 823179----------	11 daughters-	13	9,378	3.3	311
Born, 10-1-40; proved, 5-5-49;----; W. Va.	5 daughters--	6	10,064	3.3	332
Sire, 722077; dam, 1647748.	5 dams-------	12	8,648	3.3	283
Herd Owner, Benton Hazlett, Elm Grove.	Difference---	(4-4-4)	+1,416	.0	+49
MARQUETTE ECHO LAD 837429----------	6 daughters--	6	14,741	3.2	477
Born, 11-2-41; proved, 5-24-49;----; Mich.	5 daughters--	5	14,643	3.3	481
Sire, 700089; dam, 2079600.	5 dams-------	10	13,242	3.4	449
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-2-3)	+1,401	-.1	+32
MATADOR SEGIS ORMSBY COLANTHA 823833----------	8 daughters--	8	12,056	3.5	422
Born, 11-27-40; proved, 5-12-49;----; Ohio.	6 daughters--	6	11,991	3.5	420
Sire, 711952; dam, 1894108.	6 dams-------	11	12,159	3.7	453
Herd Owner, Lawrence McCullough, Mingo Junction.	Difference---	(3-3-2)	-168	-.2	-33
MCDONOGH GOLD DELLA 880188----------	5 daughters--	5	12,909	3.7	481
Born, 5-28-43; proved, 5-2-49; alive; Md.	5 dams-------	20	10,774	3.6	391
Sire, 788616; dam, 2135495.	Difference---	(4-4-4)	+2,135	+.1	+90
Herd Owner, Logwood Farm, Westminster.					
MEISEGEIER FOBES ANDY VALE ORMSBY 787818----------	7 daughters--	10	12,089	3.7	448
Born, 8-15-39; proved, 5-26-49;----; Wis.	5 daughters--	8	12,744	3.7	466
Sire, 663627; dam, 1647759.	5 dams-------	13	9,658	3.7	359
Herd Owner, Walter Starkey, Rice Lake.	Difference---	(5-3-5)	+3,086	.0	+107
M H C PONTIAC CREATOR 830580----------	7 daughters--	11	11,807	3.7	435
Born, 7-11-41; proved, 5-3-49; dead; Md.	5 daughters--	8	12,048	3.7	440
Sire, 727510; dam, 1840460.	5 dams-------	16	10,546	3.6	384
Herd Owner, R. H. Richardson, Westminster.	Difference---	(3-2-3)	+1,502	+.1	+56
MILCO MANAWA STAR 783945----------	7 daughters--	7	12,249	3.2	397
Born, 8-20-39; proved, 5-4-49;----; Ill.	5 daughters--	5	12,769	3.2	411
Sire, 721899; dam, 1039297.	5 dams-------	12	12,217	3.3	404
Herd Owner, Henry T. Eppel & Son, Woodstock.	Difference---	(4-2-3)	+552	-.1	+7
MILCO PIEBE CREAMELLE SEGIS 773698----------	9 daughters--	12	11,265	3.6	401
Born, 9-23-38; proved, 5-27-49;----; Wis.	6 daughters--	9	11,061	3.6	398
Sire, 667178; dam, 1296661.	6 dams-------	13	12,225	3.5	428
Herd Owner, Arthur H. Weiner, Columbus.	Difference---	(2-5-2)	-1,164	+.1	-30
MISSOURIANA MAN-O-WAR 789670----------	5 daughters--	7	10,579	3.6	382
Born, 12-20-38; proved, 5-20-49;----; Mo.	5 dams-------	15	11,116	3.3	371
Sire, 739713; dam, 1543060.	Difference---	(1-4-3)	-537	+.3	+11
Herd Owner, William Hetlage, Wright City.					
MOHOFAR NAJAC 825543 *12----------	22 daughters-	46	13,946	3.4	474
Born, 2-15-40; proved, 5-9-49; dead; N. Y.	21 daughters-	44	13,813	3.4	475
Sire, 825540; dam, 2237585.	21 dams------	101	13,825	3.4	472
Herd Owner, Gordon S. V. Andrews, Lagrangeville.	Difference---	(11-15-13)	-12	.0	+3
MONTVIC JOHANNA RAG APPLE POSCH 775899----------	10 daughters-	13	12,121	3.3	403
Born, 9-22-38; proved, 5-9-49;----; Mich.	5 daughters--	6	13,318	3.3	443
Sire, 95679 CHB; dam, 208947 CHB.	5 dams-------	10	12,776	3.4	439
Herd Owner, Oakwynd Farm, Temperance.	Difference---	(2-1-2)	+542	-.1	+4
MOONLIT DALE FLOSSIE SIR INKA 861724----------	5 daughters--	5	11,119	3.6	396
Born, 12-1-42; proved, 5-20-49;----; Iowa.	5 dams-------	18	9,407	3.5	325
Sire, 651591; dam, 1934612.	Difference---	(3-4-5)	+1,712	+.1	+71
Herd Owner, W. G. Lincoln & Sons, Oelwein.					
MOOSEHEART ADMIRAL GILT EDGE 831094----------	14 daughters-	17	9,055	3.6	330
Born, 4-12-41; proved, 5-20-49;----; Wis.	12 daughters-	15	9,225	3.6	334
Sire, 779713; dam, 2096519.	12 dams------	35	12,116	3.4	408
Herd Owner, Charles Aldrich & Sons, Avalon.	Difference---	(3-8-2)	-2,891	+.2	-74

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MT HOREB B B SIR TRIUNE 798700----------	6 daughters--	8	11,173	3.4	382
Born, 10-10-39; proved, 5-19-49;----; Wis.	5 daughters--	5	11,088	3.4	382
Sire, 733757; dam, 2113320.	5 dams-------	24	9,885	3.4	338
Used in East Central Co-op. A. B. A.	Difference---	(5-2-3)	+1,203	.0	+44
MOUNT VERNON PEERLESS HEILO BING 797968----------	9 daughters--	15	14,300	3.3	477
Born, 11-20-39; proved, 5-26-49;----; Wash.	8 daughters--	12	14,350	3.3	480
Sire, 705165; dam, 2034485.	8 dams-------	17	15,211	3.2	492
Herd Owner, Burton Waugh, Burlington.	Difference---	(2-7-2)	-861	+.1	-12
NESHONOC SIR FORES DOUBLE 800708----------	17 daughters-	20	10,537	3.2	332
Born, 12-25-39; proved, 5-19-49;----; Wis.	13 daughters-	13	10,616	3.2	336
Sire, 725440; dam, 1790074.	13 dams------	26	10,265	3.5	361
Herd Owner, Neshonoc Farms, West Salem.	Difference---	(6-3-3)	+351	-.3	-25
N J E S CONQUEROR FOND KLAUDE 826471----------	5 daughters--	7	11,281	3.9	437
Born, 4-11-41; proved, 5-26-49;----; N. J.	5 dams-------	10	9,920	3.5	351
Sire, 673525; dam, 1922509.	Difference---	(3-4-4)	+1,361	+.4	+86
Used in Cooperative A. B. A. #1, Inc.					
N J E S CONQUEROR HONOR LAYTON 853046----------	5 daughters--	10	10,877	4.0	439
Born, 5-9-42; proved, 5-3-49; alive; N. J.	5 dams-------	19	12,423	3.5	440
Sire, 673525; dam, 2053082.	Difference---	(0-5-3)	-1,546	+.5	-1
Herd Owner, J. Preston Quick, Somerville.					
N J E S ESQUIRE ADVANCE HERO 761614----------	10 daughters-	24	11,137	3.7	415
Born, 2-6-38; proved, 5-13-49; dead; N. Y.	7 daughters--	14	11,671	3.8	444
Sire, 715510; dam, 1534686.	7 dams-------	27	11,275	3.8	428
Herd Owner, Crystal Spring Farm, Wappinger Falls.	Difference---	(4-4-5)	+396	.0	+16
NORTH STAR LINCOLN LAD 791874 *(Apr. 1948)----------	20 daughters-	23	11,699	3.6	418
Born, 2-12-40; proved, 5-3-49; alive, Minn.	15 daughters-	18	12,035	3.5	425
Sire, 742938; dam, 1990022.	15 dams------	36	9,518	3.6	340
Herd Owner, Alvin Burman & Son, Cedar.	Difference---	(12-8-12)	+2,517	-.1	+85
N P BLESKE BECKY GOVERNOR 835692----------	12 daughters-	13	14,284	3.8	550
Born, 7-30-41; proved, 5-17-49;----; Nebr.	7 daughters--	8	14,580	3.9	562
Sire, 764799; dam, 1924073.	7 dams-------	8	13,675	3.3	457
Herd Owner, Merle Severe, Palmyra.	Difference---	(5-7-6)	+905	+.6	+105
N P RE-BECKY ORMSBY TRIUNE PANSY 12TH 745417----------	16 daughters-	25	14,011	3.3	462
Born, 10-11-36; proved, 5-25-49;----; Nebr.	7 daughters--	10	14,332	3.3	468
Sire, 636532; dam, 1452787.	7 dams-------	9	15,036	3.2	484
Herd Owner, Merle Severe, Palmyra.	Difference---	(3-4-2)	-704	+.1	-16
NYWOOD LADDIE ORMSBY 923930----------	5 daughters--	5	16,097	3.3	533
Born, 2-4-44; proved, 5-27-49; alive; Minn.	5 dams-------	5	11,756	3.3	390
Sire, 760587; dam, 2445582.	Difference---	(5-2-5)	+4,341	.0	+143
Herd Owner, Reuben L. Ulrich, Biscay.					
ONA PIERE SPINKER 761155----------	9 daughters--	26	13,166	3.3	440
Born, 3-23-38; proved, 5-16-49;----; Pa.	5 daughters--	15	13,310	3.3	443
Sire, 700841; dam, 1721665.	5 dams-------	23	12,365	3.5	432
Herd Owner, R. John Yost, Honey Brook.	Difference---	(3-2-2)	+945	-.2	+11
O O BEAUTYMORE BURWOOD CREATOR 756486----------	6 daughters--	8	14,787	3.4	499
Born, 5-6-37; proved, 5-17-49;----; Wis.	6 dams-------	15	13,653	3.5	478
Sire, 618948; dam, 1389265.	Difference---	(4-3-5)	+1,134	-.1	+21
Herd Owner, Charles R. O'Harrow, Oshkosh.					
OOSTIE HOESLY INKA 862426----------	17 daughters-	24	10,077	3.4	341
Born, 1-18-42; proved, 5-19-49;----; Wis.	10 daughters-	15	10,337	3.4	351
Sire, 727000; dam, 1968262.	10 dams------	28	9,993	3.3	333
Herd Owner, Brook Hill Farms, Genesee Depot.	Difference---	(5-8-8)	+344	+.1	+18
ORMSBY BEETS DIRECT 796468 *(Feb. 1948)----------	24 daughters-	39	12,200	3.7	450
Born, 1-8-40; proved, 5-3-49; dead; Wis.	22 daughters-	37	11,973	3.7	444
Sire, 711712; dam, 1757853.	22 dams------	66	10,488	3.6	381
Herd Owner, Norris Farms School, Mukwonago.	Difference---	(17-18-16)	+1,485	+.1	+63
ORMSBY BEETS LILITH 790142----------	13 daughters-	13	9,544	3.5	337
Born, 3-16-39; proved, 5-20-49;----; Minn.	5 daughters--	5	8,953	3.6	325
Sire, 712851; dam, 1909256.	5 dams-------	5	9,831	3.4	337
Herd Owner, Herman Schuette, Glencoe.	Difference---	(0-5-1)	-878	+.2	-12
ORMSBY KING LAKEFIELD 805090----------	7 daughters--	10	11,013	3.7	407
Born, 3-31-40; proved, 5-16-49;----; Pa.	5 daughters--	7	11,870	3.7	443
Sire, 698278; dam, 1860604.	5 dams-------	23	11,845	3.6	422
Herd Owner, C. W. Warriner, Harrison Valley.	Difference---	(2-3-2)	+25	+.1	+21
ORMSBY PET INKA 811360----------	7 daughters--	9	12,935	3.7	474
Born, 10-26-39; proved, 5-11-49; dead; S. Dak.	5 daughters--	5	13,413	3.6	487
Sire, 693386; dam, 1923282.	5 dams-------	10	11,373	3.6	406
Herd Owner, South Dakota State College, Brookings.	Difference---	(4-4-4)	+2,040	.0	+81

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ORMSBY SENSATION KING KORNDYKE 724137----------	13 daughters-	21	10,475	3.5	363
Born, 6-24-34; proved, 5-26-49;----; Va.	6 daughters--	9	9,978	3.6	354
Sire, 460179; dam, 959762.	6 dams-------	15	10,257	3.3	337
Herd Owner, J. C. Hamilton, Warrenton.	Difference---	(2-5-3)	-279	+.3	+17
ORMSBY VEEMAN ROSNI BESS BURKE 794202----------	7 daughters--	11	9,377	3.5	324
Born, 12-16-39; proved, 5-13-49;----; Va.	6 daughters--	9	9,328	3.5	322
Sire, 654536; dam, 1585752.	6 dams-------	18	9,066	3.3	298
Herd Owner, Eastern State Hospital, Williamsburg.	Difference---	(4-4-4)	+262	+.2	+24
PABST BARTA CASCADE BEAUTY 839312----------	18 daughters-	25	11,539	3.7	425
Born, 12-16-41; proved, 5-19-49;----; Ill.	11 daughters-	14	11,575	3.7	432
Sire, 761980; dam, 1523931.	11 dams------	11	12,733	3.7	467
Herd Owner, A. L. Goodenough & Volk, Morrison.	Difference---	(4-6-4)	-1,158	.0	-35
PABST CASCADER PRIDE 3D 786029----------	9 daughters--	10	13,711	3.7	512
Born, 11-15-39; proved, 5-19-49;----; Ind.	6 daughters--	6	14,531	3.6	527
Sire, 730072; dam, 1772222.	6 dams-------	10	13,065	3.4	438
Used in Indiana State Institutions A. B. A.	Difference---	(2-3-3)	+1,466	+.2	+89
PABST SIR BELMONT ADMIRAL 786035----------	20 daughters-	42	11,411	3.7	422
Born, 12-2-39; proved, 5-26-49;----; Wis.	11 daughters-	22	10,862	3.7	404
Sire, 678994; dam, 1791811.	11 dams------	27	11,847	3.5	409
Herd Owner, John Bilgrien, Iron Ridge.	Difference---	(4-9-6)	-985	+.2	-5
PABST SIR PAULILY 758578----------	8 daughters--	10	7,931	3.6	285
Born, 3-26-38; proved, 5-9-49;----; Wis.	6 daughters--	7	8,065	3.6	289
Sire, 659551; dam, 1573693.	6 dams-------	9	11,586	4.0	459
Herd Owner, William McEachern, Stanley.	Difference---	(1-1-1)	-3,521	-.4	-170
PAUMEL MAN-O-WAR PONTIAC POSCH 767997----------	8 daughters--	19	10,622	3.8	398
Born, 1-9-38; proved, 5-10-49;----; Iowa.	6 daughters--	10	11,237	3.8	424
Sire, 734018; dam, 1712950.	6 dams-------	36	11,841	3.5	412
Herd Owner, Dupont Brothers, Spechts Ferry.	Difference---	(2-5-2)	-604	+.3	+12
PEBBLE BEACH VICTOR 827001----------	5 daughters--	6	10,805	4.0	429
Born, 6-20-41; proved, 5-13-49;----; N. Y.	5 dams-------	15	12,561	3.6	447
Sire, 761977; dam, 1935474.	Difference---	(1-4-2)	-1,756	+.4	-18
Herd Owner, James Gibbons, Waterville.					
PENN HALL AIRLAND CARNATION 815346----------	14 daughters-	23	10,054	3.4	341
Born, 1-25-41; proved, 5-20-49;----; N. Y.	6 daughters--	10	9,150	3.4	313
Sire, 740307; dam, 1928062.	6 dams-------	11	10,582	3.5	365
Herd Owner, J. T. Williams, Mannsville.	Difference---	(2-3-1)	-1,432	-.1	-52
PERSTEIN KING MARY DEFENDER 815424----------	6 daughters--	9	9,253	4.0	368
Born, 11-8-40; proved, 5-19-49;----; Vt.	6 dams-------	26	9,979	3.8	383
Sire, 732099; dam, 1561437.	Difference---	(3-5-3)	-726	+.2	-15
Herd Owner, Russell C. Nickerson, Orwell.					
PINEHARD PAT GERBEN PRINCE 825813----------	8 daughters--	13	9,223	3.7	343
Born, 1-12-41; proved, 5-4-49;----; Pa.	6 daughters--	9	9,721	3.7	355
Sire, 689074; dam, 2002514.	6 dams-------	15	11,185	3.4	385
Herd Owner, Lucien D. Momyer, Smithton.	Difference---	(2-5-2)	-1,464	+.3	-30
PINEHURST PONTIAC SILVERLEAF 873994----------	10 daughters-	11	10,301	3.7	377
Born, 8-26-42; proved, 5-16-49;----; Wis.	8 daughters--	9	10,318	3.7	378
Sire, 717790; dam, 1800746.	8 dams-------	19	10,545	3.5	374
Herd Owner, Carl Wigand, Manitowoc.	Difference---	(4-6-6)	-227	+.2	+4
P J B GOVERNOR PONTIAC MERCEDES 770391----------	9 daughters--	14	11,234	3.2	364
Born, 1-26-39; proved, 5-5-49;----; Wis.	7 daughters--	10	11,089	3.2	358
Sire, 732428; dam, 1935523.	7 dams-------	15	9,578	3.5	333
Herd Owner, William F. Quandt, Hartford.	Difference---	(6-1-5)	+1,511	-.3	+25
PODONQUE OLLIE HOMESTEAD AAGGIE 801195 *12----------	22 daughters-	33	10,800	3.7	397
Born, 2-28-40; proved, 5-3-49; dead; N. Y.	16 daughters-	25	10,645	3.6	388
Sire, 771770; dam, 1825001.	16 dams------	37	11,297	3.5	392
Herd Owner, Robert Ellis, Hornell.	Difference---	(8-13-8)	-652	+.1	-4
POLK JANNEK SPOFFORD 830494----------	5 daughters--	10	11,360	3.4	389
Born, 6-24-41; proved, 5-19-49;----; Pa.	5 dams-------	15	12,374	3.3	409
Sire, 671582; dam, 1831922.	Difference---	(0-4-1)	-1,014	+.1	-20
Herd Owner, Harrisburg State Hospital, Harrisburg.					
POLK OLLIE NETHERLAND 826990----------	11 daughters-	14	12,524	3.5	438
Born, 1-7-41; proved, 5-13-49;----; Pa.	5 daughters--	5	12,778	3.5	448
Sire, 671582; dam, 1927236.	5 dams-------	15	13,613	3.4	467
Herd Owner, Owen Gerhard, Palm.	Difference---	(2-4-3)	-835	+.1	-19
POSCH JAPONICA JOHANNA 791778----------	6 daughters--	11	11,268	3.4	380
Born, 9-6-39; proved, 5-24-49;----; Pa.	6 dams-------	35	10,579	3.4	362
Sire, 704625; dam, 1666729.	Difference---	(4-3-3)	+689	.0	+18
Herd Owner, Harold Skelly, Carlisle.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
POSCH PONTIAC HOMESTEAD 816308----------	11 daughters-	20	10,398	3.5	360
Born, 9-23-40; proved, 5-9-49; dead; N. Y.	9 daughters--	17	10,501	3.5	363
Sire, 727388; dam, 1597358.	9 dams-------	23	10,488	3.6	375
Herd Owner, Hollenbeck & Hobbs, Albion.	Difference---	(4-3-3)	+13	-.1	-12
PRILLY SENSATION FLINT HILL 750718----------	6 daughters--	9	12,237	3.3	409
Born, 4-10-37; proved, 5-26-49;----; Ill.	6 dams-------	20	9,566	3.4	328
Sire, 666430; dam, 1943751.	Difference---	(5-4-6)	+2,671	-.1	+81
Herd Owner, Clayton Howe, Lena.					
PRINCE HAZELWOOD ORMSBY (TWIN) 816828----------	16 daughters-	16	13,076	3.6	475
Born, 2-28-40; proved, 5-11-49; dead; Ariz.	6 daughters--	6	14,696	3.5	511
Sire, 739963; dam, 1320859.	6 dams-------	7	13,261	3.3	437
Herd Owner, George Ziegler, Coolidge.	Difference---	(5-3-5)	+1,435	+.2	+74
PRINCE INKA CARNATION SENSATION 774542----------	7 daughters--	9	11,625	3.8	440
Born, 1-1-39; proved, 5-13-49;----; Ill.	5 daughters--	6	11,539	3.7	433
Sire, 730072; dam, 1666219.	5 dams-------	5	12,186	3.8	465
Herd Owner, Fitchome Farm, Aurora.	Difference---	(1-1-1)	-647	-.1	-32
PRINCE MATADOR SIR BESSIE 815794----------	11 daughters-	11	14,337	3.5	496
Born, 10-9-40; proved, 5-17-49;----; Ill.	6 daughters--	6	13,835	3.4	467
Sire, 748673; dam, 2079623.	6 dams-------	19	13,598	3.4	462
Herd Owner, John Babler & Sons, Dakota.	Difference---	(3-3-3)	+237	.0	+5
QUENTIN ORMSBY OF MAPLEWOOD 797672----------	6 daughters--	14	11,424	3.3	379
Born, 10-30-39; proved, 5-20-49; dead; Iowa.	6 dams-------	13	11,562	3.4	392
Sire, 734170; dam, 1891323.	Difference---	(2-2-1)	-138	-.1	-13
Herd Owner, Ernest & Robert Wahl, Monticello.					
RANDOM FARM SAMMY BOY 834869----------	6 daughters--	9	8,415	3.5	295
Born, 6-29-41; proved, 5-19-49;----; Conn.	6 dams-------	33	10,213	3.3	335
Sire, 133168 CHB; dam, 2263160.	Difference---	(1-5-1)	-1,798	+.2	-40
Herd Owner, Merton W. Hills, Andover.					
REDFIELD GYPSIE BESS PIEBE 769324----------	5 daughters--	5	10,483	3.9	406
Born, 8-30-38; proved, 5-3-49;----; Minn.	5 dams-------	10	12,080	4.0	483
Sire, 708723; dam, 1726383.	Difference---	(1-1-1)	-1,597	-.1	-77
Herd Owner, Clive F. Brown, Byron.					
REGIER POLKADOT TRIUNE DON 859608----------	6 daughters--	6	12,134	3.7	443
Born, 9-26-42; proved, 5-3-49;----; Kans.	6 dams-------	12	11,203	3.5	392
Sire, 765084; dam, 1912974.	Difference---	(4-5-4)	+931	+.2	+51
Herd Owner, Grover G. Meyer, Basehor.					
RENSINK JOE ARALIA HOMESTEAD 768263----------	9 daughters--	20	14,501	3.3	486
Born, 9-8-37; proved, 5-9-49;----; Iowa.	7 daughters--	17	15,490	3.3	513
Sire, 560059; dam, 1778938.	7 dams-------	23	13,098	3.4	449
Herd Owner, Leonard Rensink, Boyden.	Difference---	(5-3-6)	+2,392	-.1	+64
RIDGEPORT PRILLY CREAMELLE 836691----------	6 daughters--	9	12,149	3.7	444
Born, 4-5-40; proved, 5-13-49;----; Wash.	5 daughters--	8	12,451	3.8	467
Sire, 737511; dam, 1578097.	5 dams-------	8	15,954	3.5	561
Herd Owner, Ridgeport Dairy, Vancouver.	Difference---	(1-5-1)	-3,503	+.3	-94
RINDSIGAARD PROGRESSOR FERDINAND 790261----------	15 daughters-	18	10,585	3.6	378
Born, 1-16-39; proved, 5-25-49;----; Iowa.	7 daughters--	8	11,160	3.6	399
Sire, 709738; dam, 1520046.	7 dams-------	15	10,836	3.5	379
Herd Owner, Martin Hoffman & Son, Lake Park.	Difference---	(4-4-5)	+324	+.1	+20
ROCKYFORD TRUSTEE 2D 777950----------	8 daughters--	15	12,793	3.4	440
Born, 8-23-38; proved, 5-3-49;----; Ill.	6 daughters--	13	13,312	3.4	453
Sire, 699461; dam, 1467256.	6 dams-------	12	11,541	3.4	396
Herd Owner, Henry Trompeter, Plano.	Difference---	(4-3-5)	+1,771	.0	+57
ROLLING KNOLL INKA ABBEKERK 807562----------	7 daughters--	8	8,968	3.8	338
Born, 5-3-40; proved, 5-19-49;----; Md.	6 daughters--	7	8,775	3.7	328
Sire, 758277; dam, 1531891.	6 dams-------	14	9,067	3.5	319
Herd Owner, Hallow Rock Farm, Keymar.	Difference---	(2-5-3)	-292	+.2	+9
ROYAL DIRECT RUTH KORNDYKE 760153----------	8 daughters--	19	9,044	3.7	339
Born, 3-15-38; proved, 5-10-49;----; Maine.	7 daughters--	16	8,827	3.8	335
Sire, 598396; dam, 1602513.	7 dams-------	22	8,545	3.5	301
Used in Androscoggin Valley A. B. A.	Difference---	(5-5-4)	+282	+.3	+34
ST CLOUD PIETS DELLA 798543----------	5 daughters--	9	8,287	3.8	314
Born, 11-13-39; proved, 5-19-49;----; Minn.	5 dams-------	19	8,305	3.5	292
Sire, 576359; dam, 1810987.	Difference---	(3-4-3)	-18	+.3	+22
Herd Owner, E. A. Barthelemy, St. Cloud.					
ST CROIXCO OLLIE EMPEROR SUPREME 814405----------	8 daughters--	8	14,617	3.4	495
Born, 8-10-40; proved, 5-19-49; dead; Minn.	5 daughters--	5	13,757	3.4	469
Sire, 750270; dam, 1229730.	5 dams-------	5	11,177	3.2	355
Herd Owner, John P. Peltz, Waconia.	Difference---	(4-5-4)	+2,580	+.2	+114

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ST CROIXCO SIR BELMONT ALEXINA 774247----------	6 daughters--	10	10,545	3.4	356
Born, 1-10-39; proved, 5-10-49;----; Wis.	6 dams-------	21	10,262	3.4	348
Sire, 715862; dam, 1822370.	Difference---	(3-3-4)	+283	.0	+8
Herd Owner, Julius Nelsestuen, Arcadia.					
S B A PRIDE 835244----------	9 daughters--	14	9,281	3.4	316
Born, 11-5-41; proved, 5-26-49;----; Kans.	7 daughters--	11	9,695	3.5	336
Sire, 673921; dam, 1471853.	7 dams-------	18	8,157	3.4	280
Herd Owner, Frank W. Bartholomew, Great Bend.	Difference---	(3-3-5)	+1,538	+.1	+56
SEGIS BURKE ORMSBY PIEBE 808237 *12----------	18 daughters-	39	10,038	3.7	367
Born, 8-3-40; proved, 5-10-49; dead; Pa.	17 daughters-	35	9,819	3.7	361
Sire, 770804; dam, 1130957.	17 dams------	67	11,402	3.6	415
Herd Owner, Hiram B. Stevens, Mehoopany.	Difference---	(2-9-2)	-1,583	+.1	-54
SEGIS FOBES COLANTHA 858230----------	7 daughters--	10	8,570	3.4	292
Born, 11-12-41; proved, 5-13-49;----; Wis.	5 daughters--	6	8,857	3.4	305
Sire, 767594; dam, 1865020.	5 dams-------	6	10,359	3.2	336
Herd Owner, Paul Dantoin, Casco.	Difference---	(2-4-2)	-1,502	+.2	-31
SEGIS HEILO ORMSBY PAPOOSE 874173----------	6 daughters--	7	12,125	3.4	415
Born, 11-5-42; proved, 5-19-49;----; Mich.	6 dams-------	16	12,550	3.6	448
Sire, 804003; dam, 1797404.	Difference---	(4-2-2)	-425	-.2	-33
Herd Owner, Charles Heckathorn, Three Oaks.					
SEQUOIA CLARITA SEGIS QUALITY 794249----------	8 daughters--	8	14,647	3.4	499
Born, 7-22-39; proved, 5-23-49;----; Calif.	8 dams-------	32	13,645	3.6	487
Sire, 610442; dam, 1675398.	Difference---	(6-2-5)	+1,002	-.2	+12
Herd Owner, Mrs. Jessie Oberkamper, Ceres.					
SHAWS AIM DIRECT COLANTHA 880366----------	5 daughters--	5	12,927	3.3	429
Born, 10-3-42; proved, 5-19-49;----; Maine.	5 dams-------	12	12,619	3.2	399
Sire, 780041; dam, 1843595.	Difference---	(4-4-3)	+308	+.1	+30
Used in Androscoggin Valley A. B. A.					
SHESHEQUIN PIEBE STAR JUPITER 788286----------	8 daughters--	16	10,398	3.6	369
Born, 7-21-39; proved, 5-13-49; dead; N. Y.	5 daughters--	9	11,778	3.4	403
Sire, 731075; dam, 1914989.	5 dams-------	7	10,597	3.7	388
Herd Owner, Clifford De Wick, Middlesex.	Difference---	(3-1-2)	+1,181	-.3	+15
SIEMERS FOBES DE KOL 806174----------	12 daughters-	24	10,407	3.4	353
Born, 2-4-40; proved, 5-13-49;----; Wis.	5 daughters--	12	10,292	3.5	363
Sire, 739117; dam, 2065112.	5 dams-------	12	10,197	3.6	366
Herd Owner, Brook Hill Farms, Genesee Depot.	Difference---	(2-3-2)	+95	-.1	-3
SIR ALEXINA RAMONA OF HIGHPATH 724816 *12----------	68 daughters-	147	11,765	3.6	422
Born, 10-5-35; proved, 5-5-49; dead; Minn.	38 daughters-	98	11,972	3.6	430
Sire, 655692; dam, 1658530.	38 dams------	124	11,262	3.5	397
Used in Minnesota Valley A. B. A.	Difference---	(24-19-27)	+710	+.1	+33
SIR BESS ORMSBY DEAN 13TH 892539----------	5 daughters--	5	15,975	3.3	533
Born, 8-26-43; proved, 5-26-49;----; Iowa.	5 dams-------	16	15,381	3.4	522
Sire, 761974; dam, 2044085.	Difference---	(3-2-2)	+594	-.1	+11
Herd Owner, Ralph H. Walker & Son, Swea City.					
SIR BESS ORMSBY FOBES SUNNYSIDE 828503----------	7 daughters--	14	12,927	3.2	409
Born, 2-11-41; proved, 5-10-49;----; Iowa.	5 daughters--	12	12,486	3.2	399
Sire, 784024; dam, 952219.	5 dams-------	9	13,774	3.3	456
Used in Humboldt Co-op. A. B. A.	Difference---	(1-1-1)	-1,288	-.1	-57
SIR BESS ORMSBY PONTIAC BURKE 861067----------	6 daughters--	6	12,602	3.4	428
Born, 12-31-41; proved, 5-19-49; dead; Ariz.	6 dams-------	23	12,420	3.5	434
Sire, 768624; dam, 1899758.	Difference---	(3-2-2)	+182	-.1	-6
Herd Owner, C. T. Sharp & Sons, Mesa.					
SIR BESS SKYLARK ORMSBY QUEEN 874830----------	11 daughters-	13	12,333	3.6	448
Born, 9-12-42; proved, 5-27-49;----; Iowa.	8 daughters--	9	12,327	3.7	456
Sire, 711381; dam, 1810053.	8 dams-------	18	12,747	3.4	439
Used in Western Iowa A. B. A.	Difference---	(5-7-5)	-420	+.3	+17
SIR BURTON BEETS ORMSBY 787539----------	6 daughters--	14	10,418	3.5	364
Born, 8-6-39; proved, 5-12-49;----; Wis.	5 daughters--	13	10,605	3.5	371
Sire, 729720; dam, 1323453.	5 dams-------	12	12,333	3.3	408
Herd Owner, Emil E. Beyrer, Downing.	Difference---	(1-5-2)	-1,728	+.2	-37
SIR CANDIDATE INKA 805545----------	23 daughters-	24	10,691	3.3	357
Born, 11-3-39; proved, 5-25-49;----; Pa.	22 daughters-	23	10,659	3.3	357
Sire, 734510; dam, 1440144.	22 dams------	89	12,047	3.4	414
Herd Owner, Mercer County Home, Mercer.	Difference---	(8-8-7)	-1,388	-.1	-57
SIR CHAMPION PIETJE SENSATION 833791 *12----------	11 daughters-	19	12,720	3.6	456
Born, 11-15-40; proved, 5-6-49; alive; N. J.	10 daughters-	17	12,654	3.6	454
Sire, 675839; dam, 2105187.	10 dams------	63	12,700	3.6	451
Herd Owner, Charles H. Kirby, Harrisonville.	Difference---	(6-6-6)	-46	.0	+3

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SIR-DOUG BURK DI-GERB COL WATSON 879983 *(Jan. 1949)--------	8 daughters--	11	12,845	3.8	490
Born, 1-13-43; proved, 5-3-49;----; Pa.	8 dams-------	26	11,706	3.8	441
Sire, 660575; dam, 2115387.	Difference---	(6-5-5)	+1,139	.0	+49
Herd Owner, Loudon M. Kyle, Mackeyville.					
SIR DOUG BURK GERB COLAN STAR AAGGIE 846622----------	7 daughters--	9	10,667	3.6	381
Born, 10-27-41; proved, 5-2-49;----; Pa.	7 dams-------	33	11,650	3.6	423
Sire, 660575; dam, 1885988.	Difference---	(3-3-2)	-983	.0	-42
Herd Owner, C. S. Gerhard, Blairsville.					
SIR DOUG BURK PRIDE GERB COLAN WATS 849039 *(Aug. 1948)----	23 daughters-	34	11,622	3.7	427
Born, 12-9-41; proved, 5-6-49;----; Pa.	23 dams------	79	11,800	3.6	424
Sire, 660575; dam, 1965344.	Difference---	(12-17-13)	-178	+.1	+3
Herd Owner, H. A. Snyder & Son, Montoursville.					
SIR DUCHESS OAK PIETERTJE 774070----------	11 daughters-	12	7,437	3.9	291
Born, 2-10-39; proved, 5-11-49;----; Wis.	5 daughters--	6	7,255	4.0	291
Sire, 741004; dam, 1888773.	5 dams-------	6	8,131	3.5	285
Herd Owner, Emerson Ela, Madison.	Difference---	(1-5-2)	-876	+.5	+6
SIR FAY ORMSBY SKYLARK 816779----------	10 daughters-	13	10,682	3.5	379
Born, 9-22-40; proved, 5-20-49;----; Wis.	8 daughters--	9	10,618	3.5	376
Sire, 711381; dam, 1536127.	8 dams-------	19	10,285	3.4	353
Herd Owner, Post & Neumann, Barron.	Difference---	(4-6-6)	+333	+.1	+23
SIR FOBES TIDY OF QUALITY PARK 721138----------	11 daughters-	25	11,419	3.2	361
Born, 2-16-36; proved, 5-24-49;----; Wis.	10 daughters-	21	11,328	3.1	355
Sire, 692316; dam, 1320475.	10 dams------	41	10,906	3.1	336
Herd Owner, E. Matzek & H. Collins, River Falls.	Difference---	(6-6-6)	+422	.0	+19
SIR FRANCY PONTIAC ECHO 836520----------	5 daughters--	5	12,347	3.5	431
Born, 11-12-39; proved, 5-13-49;----; N. Y.	5 dams-------	5	12,112	3.5	429
Sire, 725494; dam, 1980713.	Difference---	(3-2-3)	+235	.0	+2
Herd Owner, Howard J. Curkendall, Newark Valley.					
SIR INKA PERFECTION TRIUMPH 851261----------	6 daughters--	6	12,442	3.6	453
Born, 12-4-41; proved, 5-10-49; dead; Minn.	6 dams-------	12	12,426	3.7	461
Sire, 771583; dam, 2091679.	Difference---	(3-2-3)	+16	-.1	-8
Herd Owner, Lyle G. Bogue, Farmington.					
SIR NANNETTE PABST 810594----------	7 daughters--	11	11,313	3.3	369
Born, 4-8-40; proved, 5-23-49; dead; N. Y.	6 daughters--	9	10,961	3.3	362
Sire, 741008; dam, 1761900.	6 dams-------	18	12,163	3.5	423
Herd Owner, Herman F. Rice & Son, St. Johnsville.	Difference---	(1-2-1)	-1,202	-.2	-61
SIR ORMSBY FOBES DICTATOR 54TH 857506----------	6 daughters--	8	11,628	3.7	430
Born, 7-6-42; proved, 5-3-49; dead; Iowa.	6 dams-------	15	12,137	3.8	459
Sire, 662443; dam, 1909002.	Difference---	(4-3-3)	-509	-.1	-29
Herd Owner, Mancryco Farms, Manning.					
SIR ORMSBY HOMESTEAD VEEMAN 816975----------	16 daughters-	21	11,101	3.4	374
Born, 11-25-40; proved, 5-11-49;----; Wis.	6 daughters--	9	10,957	3.3	364
Sire, 714571; dam, 1576282.	6 dams-------	11	11,387	3.5	399
Herd Owner, Louis Harrington, Aniwa.	Difference---	(2-3-1)	-430	-.2	-35
SIR ORMSBY MARATHON PEARL FOBES 744440----------	5 daughters--	8	11,438	3.3	379
Born, 5-17-37; proved, 5-27-49;----; Ill.	5 dams-------	12	11,312	3.4	386
Sire, 644701; dam, 1456268.	Difference---	(2-4-2)	+126	-.1	-7
Herd Owner, Glenwood School for Boys, Glenwood.					
SIR PIETERTJE ORMSBY HARK DE KOL 786859----------	11 daughters-	29	10,624	3.4	361
Born, 3-1-39; proved, 5-4-49; dead; Minn.	6 daughters--	17	10,586	3.4	360
Sire, 679016; dam, 1393185.	6 dams-------	10	10,615	3.3	355
Herd Owner, Alvin Simon & Son, Altura.	Difference---	(3-4-2)	-29	+.1	+5
SIR PONTIAC FOBINKA EVERGREEN 741916----------	6 daughters--	9	13,381	3.2	433
Born, 6-12-37; proved, 5-23-49;----; N. Y.	5 daughters--	6	12,351	3.3	405
Sire, 677374; dam, 1653652.	5 dams-------	22	13,454	3.6	488
Herd Owner, Elmer Marshfield, Marcellus.	Difference---	(1-0-1)	-1,103	-.3	-83
SIR ROSNI BESS BURKE 772956----------	9 daughters--	14	12,794	3.6	455
Born, 12-7-38; proved, 5-4-49;----; Va.	6 daughters--	10	12,173	3.5	431
Sire, 654536; dam, 1545451.	6 dams-------	9	11,654	3.4	401
Herd Owner, Woodberry Forest School, Woodberry Forest.	Difference---	(4-6-4)	+519	+.1	+30
SIR TAYLAKER ORMSBY GETTIE 9TH 800601----------	18 daughters-	21	10,636	3.1	326
Born, 2-25-40; proved, 5-17-49;----; Calif.	18 dams------	87	10,300	3.2	326
Sire, 686679; dam, 1575723.	Difference---	(10-9-11)	+336	-.1	0
Herd Owner, H. C. Borchardt, Alpaugh.					
SIR TRILBY ADMINISTRATOR 861592----------	6 daughters--	10	12,064	3.5	420
Born, 10-2-42; proved, 5-19-49;----; Minn.	5 daughters--	8	12,709	3.5	443
Sire, 814568; dam, 1505923.	5 dams-------	10	12,389	3.4	425
Herd Owner, Frank Shaske, Nerstrand.	Difference---	(2-3-3)	+320	+.1	+18

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SMITHLAND MARATHON BOY 848960----------	7 daughters--	8	10,366	3.9	400
Born, 4-8-42; proved, 5-3-49; alive; N. Y.	7 dams-------	28	9,604	3.6	342
Sire, 749356; dam, 1543023.	Difference---	(4-6-6)	+762	+.3	+58
Herd Owner, I. H. & W. A. Hunt, New Woodstock.					
SOO CHIEF SUPERIOR 853292----------	19 daughters-	29	10,941	4.0	436
Born, 11-27-37; proved, 5-23-49;----; Va.	15 daughters-	20	11,132	4.1	454
Sire, 95679 CHB; dam, 185020 CHB.	15 dams------	43	11,973	3.9	466
Herd Owner, C. M. Warner, Purcellville.	Difference---	(5-12-5)	-841	+.2	-12
SOWISCOL DON PRIDE SEGIS 759657----------	8 daughters--	10	10,361	3.6	374
Born, 12-18-37; proved, 5-9-49;----; Wis.	6 daughters--	8	11,334	3.6	410
Sire, 688258; dam, 1718260.	6 dams-------	31	9,120	3.5	319
Herd Owner, Ralph Eastwood, Woodford.	Difference---	(5-3-6)	+2,214	+.1	+91
SOWISCOL DON SILVER (TWIN) 857057----------	9 daughters--	11	11,958	3.6	435
Born, 8-7-42; proved, 5-19-49; alive; Minn.	6 daughters--	8	12,339	3.6	450
Sire, 688258; dam, 1577299.	6 dams-------	9	9,706	3.1	302
Herd Owner, Arthur Damman, Lake City.	Difference---	(4-5-5)	+2,633	+.5	+148
SPENCERCREST KING ADMIRAL YEMA 805778----------	7 daughters--	10	8,258	3.9	323
Born, 1-5-40; proved, 5-12-49;----; Pa.	6 daughters--	8	8,245	3.9	324
Sire, 713099; dam, 1989253.	6 dams-------	18	9,400	3.7	347
Herd Owner, Dewey J. Hamilton, Millerton.	Difference---	(3-5-3)	-1,155	+.2	-23
S P S M DON SEGIS FOBES EUGENE 792013----------	9 daughters--	14	10,604	3.6	381
Born, 10-1-39; proved, 5-24-49;----; Mich.	7 daughters--	11	10,670	3.6	381
Sire, 752119; dam, 1892952.	7 dams-------	22	11,183	3.4	376
Herd Owner, Alton B. Clark, Grand Blanc.	Difference---	(4-5-5)	-513	+.2	+5
STEWART ROYAL PRIDE 828819----------	10 daughters-	13	13,258	3.3	439
Born, 3-25-41; proved, 5-16-49; dead; Minn.	8 daughters--	11	13,210	3.3	438
Sire, 697000; dam, 1992582.	8 dams-------	14	11,746	3.3	386
Herd Owner, L. L. Stewart & Sons, Anoka.	Difference---	(6-4-6)	+1,464	.0	+52
STOCKTON HANK 816950----------	17 daughters-	23	14,700	3.6	530
Born, 5-10-40; proved, 5-4-49; dead; Calif.	8 daughters--	10	15,159	3.7	558
Sire, 760820; dam, 1909744.	8 dams-------	10	14,857	3.5	519
Herd Owner, Stockton State Hospital, Stockton.	Difference---	(4-6-5)	+302	+.2	+39
STONE OR TWO ORMSBY LINDORA MAJOR 849418----------	6 daughters--	7	10,345	3.4	347
Born, 1-31-42; proved, 5-4-49;----; Wis.	5 daughters--	5	10,553	3.4	356
Sire, 809327; dam, 2009219.	5 dams-------	9	10,338	3.5	362
Herd Owner, Fred H. Digman & Son, Monroe.	Difference---	(3-2-3)	+215	-.1	-6
SYLVESTER KORNDYKE LAD 760432----------	19 daughters-	26	10,254	3.4	352
Born, 9-23-37; proved, 5-10-49; dead; N. Y.	6 daughters--	12	10,512	3.4	353
Sire, 662960; dam, 1755311.	6 dams-------	22	13,397	3.3	441
Herd Owner, Paul Gernatt, Perrysburg.	Difference---	(1-5-0)	-2,885	+.1	-88
TERRA FIRMA ABBEKERK PIEBE 882044----------	7 daughters--	7	11,778	3.7	435
Born, 11-6-42; proved, 5-24-49;----; Wis.	6 daughters--	6	11,953	3.7	444
Sire, 741596; dam, 1496038.	6 dams-------	20	10,426	3.5	369
Used in Badger Co-op. A. B. A.	Difference---	(4-5-6)	+1,527	+.2	+75
THREE-PLY CHIEF NINE-O-FIVE PRIDE G C W 830324 *(July 1948)-	15 daughters-	27	10,446	3.8	393
Born, 4-20-41; proved, 5-3-49;----; Pa.	15 dams------	72	12,283	3.4	415
Sire, 738441; dam, 2115379.	Difference---	(2-15-4)	-1,837	+.4	-22
Herd Owner, James S. Cornell, Blairsville.					
TRIUNE JOSIE AAGGIE 791131 *11----------	33 daughters-	60	14,228	3.6	511
Born, 9-16-38; proved, 5-9-49; alive; Calif.	33 dams------	140	11,959	3.5	424
Sire, 655932; dam, 1773957.	Difference---	(30-18-31)	+2,269	+.1	+87
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.					
TRIUNE ORMSBY MATADOR WAYNE 773639----------	5 daughters--	7	11,683	3.4	399
Born, 2-26-39; proved, 5-4-49;----; Wis.	5 dams-------	21	12,639	3.7	466
Sire, 731051; dam, 1564941.	Difference---	(2-1-2)	-956	-.3	-67
Herd Owner, Louis Paulsen, Chilton.					
USTAHOS BURKE BONHEUR 827588----------	6 daughters--	6	10,723	3.6	391
Born, 7-19-40; proved, 5-20-49;----; Utah.	5 daughters--	5	11,314	3.6	409
Sire, 757596; dam, 1580166.	5 dams-------	8	11,246	3.5	398
Herd Owner, Utah State Hospital, Provo.	Difference---	(3-4-3)	+68	+.1	+11
VAN HORNE S O CORPORAL 761909----------	15 daughters-	22	9,677	3.5	340
Born, 9-18-37; proved, 5-13-49;----; N. Y.	6 daughters--	10	10,426	3.6	377
Sire, 723045; dam, 1535680.	6 dams-------	7	9,373	3.7	343
Herd Owner, Auburn Prison Farm, Auburn.	Difference---	(4-3-4)	+1,053	-.1	+34
VEEMAN POSCH COLANTHA 800774----------	7 daughters--	8	12,723	3.3	417
Born, 2-26-39; proved, 5-19-49;----; N. Y.	6 daughters--	7	12,077	3.3	397
Sire, 718089; dam, 1598566.	6 dams-------	12	10,972	3.2	356
Herd Owner, Wade Crist, Lakewood.	Difference---	(5-3-5)	+1,105	+.1	+41

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
VICTOR ORMSBY KORNDYKE 789735----------	8 daughters--	19	9,312	3.3	307
Born, 5-27-39; proved, 5-16-49;----; N. Y.	5 daughters--	10	7,252	3.5	302
Sire, 704333; dam, 1876257.	5 dams-------	7	11,081	3.5	383
Herd Owner, E. C. Randal & Son, Gouverneur.	Difference---	(0-2-0)	-1,829	-.2	-81
VON ALLMEN RIVERSIDE PIETERTJE 855133----------	15 daughters-	18	9,755	3.5	337
Born, 4-26-41; proved, 5-4-49; alive; Ky.	14 daughters-	17	9,709	3.4	335
Sire, 681844; dam, 1841056.	14 dams------	44	10,420	3.5	365
Herd Owner, Arthur H. Clore & Sons, Prospect.	Difference---	(6-8-5)	-711	-.1	-30
WACOTS KING BESSIE JOHN 792953----------	9 daughters--	11	11,159	3.3	371
Born, 8-16-39; proved, 5-13-49;----; Mich.	7 daughters--	8	11,505	3.3	374
Sire, 738394; dam, 1544380.	7 dams-------	14	11,727	3.3	392
Herd Owner, C. B. Longley, Farmington.	Difference---	(4-3-3)	-222	.0	-18
WALKER-FIELD KORNDYKE JAKE 827506----------	7 daughters--	8	11,805	3.5	416
Born, 7-15-41; proved, 5-19-49;----; Md.	5 daughters--	6	11,163	3.5	393
Sire, 754867; dam, 1866017.	5 dams-------	10	8,871	3.4	299
Herd Owner, George L. Smith, Fallston.	Difference---	(4-5-4)	+2,292	+.1	+94
WALKER-FIELD MASTERPIECE REX 836811----------	8 daughters--	9	9,453	3.5	329
Born, 8-11-41; proved, 5-16-49;----; Pa.	6 daughters--	7	9,188	3.5	325
Sire, 754867; dam, 1871449.	6 dams-------	14	10,380	3.4	354
Herd Owner, Clarence E. Carter, McDonald.	Difference---	(1-5-2)	-1,192	+.1	-29
WARNER BROOK L A S ORMSBY 852481----------	7 daughters--	7	11,453	4.1	474
Born, 4-2-42; proved, 5-11-49;----; Va.	7 dams-------	26	7,589	4.5	338
Sire, 800238; dam, 1945559.	Difference---	(6-2-6)	+3,864	-.4	+136
Herd Owner, Charles M. James, Purcellville.					
WEBER PINKY FAIR BOY 792524----------	5 daughters--	9	11,412	3.7	417
Born, 9-18-39; proved, 5-13-49;----; Wis.	5 dams-------	18	11,793	3.4	398
Sire, 571848; dam, 1969944.	Difference---	(2-5-2)	-381	+.3	+19
Herd Owner, Arno Voss, Sheboygan.					
WEEDHURST PIETERTJE ORMSBY 798467----------	7 daughters--	20	10,052	3.6	367
Born, 12-19-39; proved, 5-20-49;----; N. Y.	7 dams-------	44	10,499	3.5	365
Sire, 705315; dam, 1723135.	Difference---	(3-5-4)	-447	+.1	+2
Herd Owner, Benjamin F. Martin, Olean.					
WHITE STAR BURKE HARTOG ORMSBY 794290----------	10 daughters-	14	10,796	3.5	381
Born, 1-24-39; proved, 5-23-49;----; Wis.	5 daughters--	9	11,364	3.5	400
Sire, 726844; dam, 1530010.	5 dams-------	9	11,075	3.3	363
Herd Owner, Arthur R. Schuelke, Manawa.	Difference---	(2-4-2)	+289	+.2	+37
WILLOW RIDGE ATTRACTOR 788318----------	10 daughters-	19	9,133	3.4	309
Born, 1-15-39; proved, 5-16-49;----; Pa.	7 daughters--	14	9,043	3.5	316
Sire, 736812; dam, 1438231.	7 dams-------	13	9,271	3.3	304
Herd Owner, Oscar Rothenberger, Lansdale.	Difference---	(2-5-4)	-228	+.2	+12
WIMBLEDON BRANLINE MATCHMAKER (TWIN) 832413----------	6 daughters--	7	10,150	3.9	392
Born, 9-4-41; proved, 5-3-49; dead; Md.	6 dams-------	19	11,432	3.6	412
Sire, 786316; dam, 1699589.	Difference---	(2-5-2)	-1,282	+.3	-20
Herd Owner, Maurice Lee Dade, Jefferson.					
WINTERTHUR FOBES GREAT TAURUS 781292 *12----------	31 daughters-	65	10,729	3.5	379
Born, 6-2-39; proved, 5-17-49; alive; N. Y.	27 daughters-	55	10,610	3.5	376
Sire, 729449; dam, 1934438.	27 dams------	86	9,136	3.5	320
Herd Owner, Frank N. Decker, Clay.	Difference---	(18-18-18)	+1,474	.0	+56
WINTERTHUR FOBES PILOT WINDSOR (TWIN) 827714----------	16 daughters-	22	9,385	3.5	332
Born, 5-23-41; proved, 5-20-49;----; Pa.	16 dams------	79	11,828	3.4	401
Sire, 729449; dam, 1870760.	Difference---	(1-14-3)	-2,443	+.1	-69
Herd Owner, Luzerne School for Boys, Kis-Lyn.					
WINTERTHUR PILOT GREAT UQAJA 787379 *(Sept. 1948)----------	22 daughters-	42	12,847	3.6	456
Born, 9-23-39; proved, 5-6-49;----; Pa.	20 daughters-	37	12,932	3.5	457
Sire, 700000; dam, 1810729.	20 dams------	58	11,363	3.3	374
Herd Owner, Fred M. Snyder, Cogan Station.	Difference---	(15-18-18)	+1,569	+.2	+83
WINTERTHUR SELECT FOBES XANTHIC 844665 *(Dec. 1948)--------	14 daughters-	15	11,991	3.7	440
Born, 1-3-42; proved, 5-2-49; alive; N. Y.	14 dams------	62	12,373	3.7	454
Sire, 750000; dam, 2091190.	Difference---	(7-7-6)	-382	.0	-14
Herd Owner, Hillcrest Farm, Ogdensburg.					
WISCONSIN AAGGIE HOMESTEAD DELLA 759814----------	19 daughters-	40	12,009	3.6	436
Born, 9-29-37; proved, 5-13-49;----; Wis.	19 dams------	77	11,714	3.4	396
Sire, 705209; dam, 1946747.	Difference---	(8-17-12)	+295	+.2	+40
Herd Owner, Paul J. Bast, Rockfield.					
WISCONSIN KING BEAUTY FRISBY 774188----------	12 daughters-	15	9,278	3.4	319
Born, 10-21-38; proved, 5-12-49;----; Pa.	5 daughters--	7	8,611	3.5	299
Sire, 662263; dam, 1559101.	5 dams-------	11	10,632	3.2	345
Herd Owner, Walter B. Scott, Elizabeth.	Difference---	(1-4-1)	-2,021	+.3	-46

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WIS MENDOTA E S FAYNE 809192----------	7 daughters--	9	10,019	3.4	343
Born, 7-1-40; proved, 5-11-49;----; Wis.	5 daughters--	6	10,290	3.4	351
Sire, 752878; dam, 1837380.	5 dams-------	17	10,640	3.6	385
Herd Owner, Mendota State Hospital, Mendota.	Difference---	(2-1-1)	-350	-.2	-34
WOODLAWN MERCEDES GUARDSMAN 806850----------	17 daughters-	19	10,364	3.9	407
Born, 6-6-40; proved, 5-13-49; dead; Kans.	16 daughters-	18	10,069	3.9	397
Sire, 631829; dam, 1771690.	16 dams------	56	12,337	3.4	420
Herd Owner, Lawrence J. Theno, Bonner Springs.	Difference---	(4-16-7)	-2,268	+.5	-23
13-B9303 (DHIA EARTAG) *(July 1948)----------	11 daughters-	16	10,197	3.5	354
Born, 11-4-40; proved, 5-20-49; dead; Vt.	11 dams------	50	9,177	3.7	336
Sire, ----; dam, ----.	Difference---	(6-3-6)	+1,020	-.2	+18
Herd Owner, Ernest W. Larrabee & Son, Shoreham.					
41-J9308 (DHIA EARTAG)----------	6 daughters--	6	11,180	3.6	399
Born, ----; proved, 5-26-49;----; Minn.	6 dams-------	18	10,358	3.3	343
Sire, ----; dam, ----.	Difference---	(5-6-6)	+822	+.3	+56
Herd Owner, Ernest Johnson, Goodhue.					

JERSEY SIRES

ACE MIDGET DARLING 402077----------	17 daughters-	31	8,178	5.1	418
Born, 10-31-38; proved, 5-20-49;----; Vt.	15 daughters-	29	8,097	5.1	417
Sire, 297011; dam, 967872.	15 dams------	34	7,275	5.2	375
Herd Owner, Henry Brosnan, Cambridgeport.	Difference---	(10-7-11)	+822	-.1	+42
ADA'S OBSERVER 411524----------	7 daughters--	7	6,718	5.7	381
Born, 7-4-39; proved, 5-27-49;----; Iowa.	5 daughters--	5	6,715	5.6	376
Sire, 378562; dam, 886572.	5 dams-------	20	7,273	5.6	406
Herd Owner, Scott Jersey Farm, Wilton Junction.	Difference---	(1-2-1)	-558	.0	-30
ADVANCER BEAUTY BLONDE STAR 446914----------	5 daughters--	6	8,118	5.2	423
Born, 12-23-42; proved, 5-23-49;----; W. Va.	5 dams-------	24	9,784	5.1	499
Sire, 409047; dam, 1234787.	Difference---	(0-4-0)	-1,666	+.1	-76
Herd Owner, W. T. Law & Son, Bridgeport.					
AGNES' MADCAP DOUGLAS 438165----------	9 daughters--	9	8,581	5.2	448
Born, 6-11-42; proved, 5-6-49; alive; N. Y.	7 daughters--	7	9,024	5.1	464
Sire, 362179; dam, 1010751.	7 dams-------	23	8,327	5.3	444
Herd Owner, Hugh Meeder, Warsaw.	Difference---	(6-2-5)	+697	-.2	+20
AIM BIG STEVE 447063 *(Sept. 1948)----------	14 daughters-	22	6,680	4.9	327
Born, 8-13-42; proved, 5-9-49; dead; Mass.	13 daughters-	21	6,598	4.9	323
Sire, 405558; dam, 1407048.	13 dams------	62	7,956	5.1	402
Herd Owner, Coombs Brothers, Colrain.	Difference---	(1-7-0)	-1,358	-.2	-79
AVON SIGN GOLDEN BREAD 424440----------	9 daughters--	16	6,791	5.8	394
Born, 2-28-40; proved, 5-27-49;----; Wash.	7 daughters--	14	6,782	5.7	383
Sire, 87035 CJCC; dam, 52272 CJCC.	7 dams-------	33	8,296	5.1	422
Herd Owner, Peter Henning & Son, Arlington.	Difference---	(2-5-4)	-1,514	+.6	-39
BARONET PHANTOM 458878----------	5 daughters--	5	8,495	5.4	458
Born, 2-5-43; proved, 5-19-49;----; Minn.	5 dams-------	11	8,103	5.2	423
Sire, 401365; dam, 1193322.	Difference---	(3-3-4)	+392	+.2	+35
Herd Owner, Frank Furst, Lake City.					
BERMUDA BLONDE DESIGN 442725----------	6 daughters--	7	5,903	5.0	295
Born, 7-6-42; proved, 5-23-49;----; W. Va.	5 daughters--	6	5,899	4.9	288
Sire, 412518; dam, 1113365.	5 dams-------	14	6,131	4.9	301
Herd Owner, Ray F. Poling, Buckhannon.	Difference---	(3-2-3)	-232	.0	-13
BESSIE ADA OBSERVER 442412 *(Oct. 1948)----------	17 daughters-	21	7,063	5.5	391
Born, 7-5-42; proved, 5-12-49;----; Mich.	17 dams------	39	6,088	5.4	328
Sire, 378562; dam, 886572.	Difference---	(10-7-11)	+975	+.1	+63
Herd Owner, Fred S. Dunks, Union City.					
BINDLE OXFORD ROBERT 372154----------	6 daughters--	10	7,130	5.6	398
Born, 5-8-35; proved, 5-10-49; dead; Ohio.	6 dams-------	15	7,497	5.3	397
Sire, 326896; dam, 1046139.	Difference---	(2-5-1)	-367	+.3	+1
Herd Owner, J. W. Dumford, Pleasant Plain.					
BLONDE LADDIE 422104 *(Sept. 1948)----------	8 daughters--	13	5,630	5.0	284
Born, 6-5-41; proved, 5-20-49; dead; Iowa.	8 dams-------	22	6,974	4.9	339
Sire, 383736; dam, 812047.	Difference---	(1-7-1)	-1,344	+.1	-55
Herd Owner, Clyde Jones, Sioux Rapids.					
BRAMPTON DOM STANDARD 439587----------	7 daughters--	7	8,082	5.1	412
Born, 7-2-41; proved, 5-25-49;----; Ohio.	5 daughters--	5	8,751	5.1	447
Sire, 431561; dam, 95961 CJCC.	5 dams-------	7	9,150	4.9	449
Herd Owner, Harold C. Tillson, Willard.	Difference---	(2-4-2)	-399	+.2	-2

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BRAMPTON J. L. COLUMBUS 446788 *(Sept. 1948)----------	15 daughters-	22	7,435	5.2	386
Born, 11-1-42; proved, 5-4-49; dead; Iowa.	10 daughters-	14	7,405	5.1	379
Sire, 412151; dam, 48702 CJCC.	10 dams------	34	8,919	5.0	449
Herd Owner, Anna & Eugene Nurre, Bancroft.	Difference---	(1-5-1)	-1,514	+.1	-70
CALIFORNIA NAPNICK VICTOR 450231----------	8 daughters--	8	8,032	6.4	512
Born, 10-11-42; proved, 5-25-49;----; Calif.	8 dams-------	33	7,901	5.8	457
Sire, 316846; dam, 1225408.	Difference---	(4-7-7)	+131	+.6	+55
Herd Owner, V. J. Lancaster, Turlock.					
CAROLYN'S OBSERVER 373555----------	12 daughters-	19	6,591	5.0	332
Born, 3-30-36; proved, 5-13-49;----; Mo.	6 daughters--	9	5,719	5.3	300
Sire, 286446; dam, 1034293.	6 dams-------	13	5,235	5.6	292
Herd Owner, Guy D. Callaway & Raymond Grier, Willard.	Difference---	(3-1-3)	+484	-.3	+8
CORONATION XENIA OXFORD 383386----------	8 daughters--	26	7,741	5.5	427
Born, 11-15-36; proved, 5-20-49;----; Pa.	7 daughters--	25	7,864	5.5	433
Sire, 357167; dam, 975280.	7 dams-------	34	8,741	5.6	489
Herd Owner, Gustave S. von Wolffradt, Athens.	Difference---	(3-3-2)	-877	-.1	-56
DAISY'S VOLUNTEER LADDIE 432843----------	5 daughters--	5	6,832	5.8	394
Born, 11-20-41; proved, 5-3-49;----; Ill.	5 dams-------	9	8,398	5.8	489
Sire, 395004; dam, 1344163.	Difference---	(1-2-1)	-1,566	.0	-95
Herd Owner, Raymond Graves, Olney.					
DARLING'S JOLLY LASSIE'S ACE 297011----------	16 daughters-	20	7,572	5.7	429
Born, 9-30-27; proved, 5-10-49;----; N. H.	6 daughters--	8	6,498	5.7	368
Sire, 267272; dam, 435948.	6 dams-------	7	7,288	5.0	367
Herd Owner, Robert P. Bass, Peterborough.	Difference---	(1-6-3)	-790	+.7	+1
DENNYBROOK DESIGN C 377731----------	6 daughters--	11	8,532	4.5	381
Born, 8-28-36; proved, 5-10-49;----; Iowa.	6 dams-------	9	7,730	4.9	378
Sire, 355588; dam, 1000071.	Difference---	(4-1-3)	+802	-.4	+3
Herd Owner, E. S. Baughman, Bloomfield.					
DREAMER SYBIL KEY 431308----------	5 daughters--	5	7,556	5.3	401
Born, 10-24-41; proved, 5-18-49;----; Pa.	5 dams-------	19	7,167	5.3	380
Sire, 356237; dam, 1255880.	Difference---	(3-1-3)	+389	.0	+21
Herd Owner, Old Forge Farm, Spring Grove.					
DUKE BLONDEVILLE OXFORD 335977----------	13 daughters-	42	6,202	5.3	331
Born, 9-6-30; proved, 5-10-49;----; N. Y.	7 daughters--	19	5,875	5.5	322
Sire, 308979; dam, 736421.	7 dams-------	13	6,524	5.3	344
Herd Owner, Clarence H. Jennings, East Durham.	Difference---	(2-3-1)	-649	+.2	-22
FAUVIC BRAVO NICE BOY 445238----------	10 daughters-	10	7,673	5.2	400
Born, 11-12-42; proved, 5-24-49;----; N. H.	8 daughters--	8	7,968	5.2	417
Sire, 420478; dam, 1089642.	8 dams-------	17	7,159	5.2	369
Herd Owner, Horace Bascom, Charlestown.	Difference---	(6-5-6)	+809	.0	+48
FOX FLO'S BABY BOY 409772----------	21 daughters-	33	7,901	5.6	441
Born, 4-24-39; proved, 5-10-49;----; Wash.	7 daughters--	11	8,124	5.5	450
Sire, 218667; dam, 1091907.	7 dams-------	13	7,817	5.5	426
Herd Owner, Squire Johnson, Snohomish.	Difference---	(3-3-5)	+307	.0	+24
JARDINE PET SUCCESS 443279----------	5 daughters--	6	7,996	5.1	406
Born, 11-4-42; proved, 5-26-49;----; Minn.	5 dams-------	15	7,318	5.4	393
Sire, 363399; dam, 1218305.	Difference---	(3-1-3)	+678	-.3	+13
Herd Owner, H. J. Holst, Brownsdale.					
JOCEDA ROWER SIGMA SON 391984----------	9 daughters--	13	8,887	5.5	485
Born, 2-17-38; proved, 5-13-49;----; N. J.	6 daughters--	7	8,592	5.5	471
Sire, 368242; dam, 916871.	6 dams-------	15	7,739	5.3	405
Herd Owner, Thomas E. Harvey Estate, Columbus.	Difference---	(5-5-4)	+853	+.2	+66
KING TUT MASTER 422335 *(Aug. 1948)----------	11 daughters-	16	6,377	4.9	312
Born, 11-7-40; proved, 5-24-49;----; Ohio.	9 daughters--	11	6,121	4.9	301
Sire, 388590; dam, 1048570.	9 dams-------	16	6,949	5.0	345
Herd Owner, E. S. Lowmiller & Sons, Minerva.	Difference---	(3-5-4)	-828	-.1	-44
LASSIE VICTOR PROSPECT 445079----------	7 daughters--	9	7,783	5.5	430
Born, 9-19-42; proved, 5-23-49;----; Ind.	6 daughters--	8	7,827	5.5	434
Sire, 300736; dam, 970527.	6 dams-------	26	6,746	5.1	347
Herd Owner, Kiefer & Schlegel, Daleville.	Difference---	(5-5-5)	+1,081	+.4	+87
LAVENDER HIGH SON 400216----------	12 daughters-	22	6,987	5.3	373
Born, 4-2-39; proved, 5-19-49;----; Mo.	6 daughters--	9	7,207	5.1	369
Sire, 382880; dam, 737333.	6 dams-------	12	7,791	5.3	410
Herd Owner, W. N. Burney Farm, Aurora.	Difference---	(2-3-2)	-584	-.2	-41
LILAC CORALAD 440618----------	7 daughters--	9	8,667	5.6	482
Born, 12-6-41; proved, 5-10-49;----; Oreg.	5 daughters--	6	8,596	5.6	482
Sire, 356910; dam, 1252729.	5 dams-------	7	7,100	5.7	403
Herd Owner, Samuel Torvend, Silverton.	Difference---	(4-3-4)	+1,496	-.1	+79

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LILAC REMUS ARMY 443467----------	5 daughters--	7	8,748	5.6	486
Born, 11-29-42; proved, 5-23-49;----; Mass.	5 dams-------	22	8,465	5.5	464
Sire, 328497; dam, 1198445.	Difference---	(3-4-3)	+283	+.1	+22
Herd Owner, High Lawn Farm, Lenox.					
LILAC REMUS LANCER 424675 *(Aug. 1948)----------	20 daughters-	31	7,958	5.7	452
Born, 7-14-41; proved, 5-27-49;----; Vt.	18 daughters-	29	7,945	5.7	455
Sire, 328497; dam, 1193406.	18 dams------	63	8,242	5.5	450
Herd Owner, Whitehall Farm, Windsor.	Difference---	(8-13-9)	-297	+.2	+5
LILLIAN LAST FOX 443187 *(Sept. 1948)----------	12 daughters-	15	6,097	5.8	355
Born, 9-25-42; proved, 5-5-49; dead; Va.	11 daughters-	14	6,157	5.8	360
Sire, 441948; dam, 1246997.	11 dams------	19	5,899	5.7	334
Herd Owner, F. E. Estes & Sons, Rochelle.	Difference---	(6-8-6)	+258	+.1	+26
LINE-SOPHIE LINE-OWL JACOB 433646 *(Aug. 1948)----------	9 daughters--	14	6,654	5.5	366
Born, 10-12-41; proved, 5-24-49;----; Pa.	9 dams-------	55	7,410	5.6	412
Sire, 357462; dam, 1012564.	Difference---	(2-4-2)	-756	-.1	-46
Herd Owner, S. F. Esterline, Greenburr.					
LODESTAR GOLDEN OWL 412504 *12----------	31 daughters-	55	5,295	5.3	279
Born, 2-14-40; proved, 5-4-49; dead; Vt.	31 dams------	125	5,453	5.2	284
Sire, 383577; dam, 1149192.	Difference---	(14-15-17)	-158	+.1	-5
Herd Owner, Chester P. Child, South Pomfret.					
MAGNOLIA BASIL ARISTOCRAT 438696----------	6 daughters--	6	5,789	5.3	307
Born, 6-16-42; proved, 5-26-49;----; Ga.	5 daughters--	5	6,046	5.3	322
Sire, 407306; dam, 1193394.	5 dams-------	10	6,171	5.1	317
Herd Owner, Dr. W. H. Cabaniss, Athens.	Difference---	(2-2-2)	-125	+.2	+5
MARIE'S NOBLE ADVANCER 419788 *11----------	11 daughters-	21	6,944	4.9	342
Born, 12-21-40; proved, 5-20-49; dead; W. Va.	11 dams------	36	6,079	5.2	316
Sire, 379541; dam, 1067887.	Difference---	(7-5-6)	+865	-.3	+26
Herd Owner, S. B. Wells, Washington.					
MARY DUKE 450191 *(June 1948)----------	11 daughters-	17	5,905	4.9	287
Born, 5-1-41; proved, 5-4-49;----; Vt.	11 dams------	38	6,849	4.9	335
Sire, 407805; dam, 1355135.	Difference---	(2-6-2)	-944	.0	-48
Herd Owner, Fred E. Allen, Bethel.					
MODEST SUE'S DESIGN 437875----------	6 daughters--	8	6,399	5.2	330
Born, 7-12-41; proved, 5-26-49;----; S. Dak.	5 daughters--	7	5,710	5.4	308
Sire, 398792; dam, 1077814.	5 dams------	18	7,544	5.7	433
Herd Owner, South Dakota State College, Brookings.	Difference---	(0-1-0)	-1,834	-.3	-125
NADINE COMBINATION OWL 443159----------	6 daughters--	7	7,521	5.1	386
Born, 1-18-42; proved, 5-27-49;----; Vt.	5 daughters--	5	7,213	5.3	384
Sire, 398690; dam, 1270670.	5 dams-------	16	7,807	4.6	361
Herd Owner, Paul A. Webster, Randolph.	Difference---	(1-5-2)	-594	+.7	+23
NOBLY BORN TWILIGHT PRINCE 375357----------	11 daughters-	18	6,975	5.1	357
Born, 8-1-35; proved, 5-9-49;----; Ohio.	11 dams------	28	7,413	5.3	392
Sire, 351130; dam, 912048.	Difference---	(5-2-5)	-438	-.2	-35
Herd Owner, Fred S. Schrock, Worthington.					
NURIEL'S DANDY MASTERPIECE 445183 *(Sept. 1948)----------	13 daughters-	15	8,008	5.2	416
Born, 3-13-42; proved, 5-5-49;----; Pa.	12 daughters-	14	7,934	5.3	417
Sire, 386696; dam, 1104780.	12 dams------	46	8,460	5.3	452
Herd Owner, Roy N. Moose & Sons, Mercer.	Difference---	(3-5-3)	-526	.0	-35
OBSERVER HIGHFLYER SAM 443532----------	6 daughters--	9	7,051	5.7	404
Born, 11-6-42; proved, 5-23-49;----; Ohio.	6 dams-------	32	6,430	5.8	370
Sire, 404921; dam, 1097864.	Difference---	(4-4-4)	+621	-.1	+34
Herd Owner, Ralph Denzer & Sons, Waldo.					
OXFORDIA'S RIGHT ROYAL 413268 *(Oct. 1948)----------	9 daughters--	14	6,029	5.4	325
Born, 6-24-40; proved, 5-5-49; dead; Vt.	8 daughters--	13	6,210	5.3	330
Sire, 377243; dam, 1075400.	8 dams-------	28	7,718	5.3	407
Herd Owner, C. J. Maxham, Jr., Woodstock.	Difference---	(1-5-1)	-1,508	.0	-77
PANSY HEIR 449119----------	5 daughters--	5	9,162	5.1	468
Born, 3-14-43; proved, 5-23-49;----; Ill.	5 dams-------	15	8,084	5.0	403
Sire, 385997; dam, 1218306.	Difference---	(4-3-4)	+1,078	+.1	+65
Herd Owner, Clyde H. Esry, St. Joseph.					
PAUL OWL LADDIE 446434 *(Sept. 1948)----------	8 daughters--	11	6,788	4.7	322
Born, 4-10-42; proved, 5-5-49; dead; Vt.	8 dams-------	39	7,551	4.6	349
Sire, 429634; dam, 1345839.	Difference---	(3-4-3)	-763	+.1	-27
Herd Owner, Albert Helberg, Andover.					
PINNACLE COME BEAU 442698----------	6 daughters--	9	5,975	5.4	320
Born, 7-10-42; proved, 5-26-49;----; Wash.	6 dams-------	16	8,175	5.0	410
Sire, 405970; dam, 1114856.	Difference---	(0-5-0)	-2,200	+.4	-90
Herd Owner, Gus Compton, Everson.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
POLLED VIVE OWL 422647 *(Sept. 1948)----------	10 daughters-	16	7,167	5.1	365
Born, 12-27-40; proved, 5-25-49; dead; Mich.	10 dams------	52	8,683	4.9	426
Sire, 359888; dam, 1167390.	Difference---	(2-7-1)	-1,516	+.2	-61
Herd Owner, Walter K. Hough, Romeo.					
RALEIGH MASTERPIECE 376096----------	23 daughters-	34	6,398	5.5	350
Born, 2-7-36; proved, 5-12-49; dead; Kans.	7 daughters--	14	6,622	5.6	370
Sire, 267554; dam, 880587.	7 dams-------	7	6,499	6.0	389
Herd Owner, T. D. Marshall Estate, Sylvia.	Difference---	(2-3-3)	+123	-.4	-19
RANDLEIGH DUKE IDYL LAD 452403----------	10 daughters-	11	8,691	6.0	524
Born, 6-14-43; proved, 5-23-49;----; Pa.	10 dams------	47	8,216	5.8	478
Sire, 388953; dam, 900728.	Difference---	(6-7-6)	+475	+.2	+46
Herd Owner, George W. Rosener, Aldenville.					
ROYAL HEIR GOLDEN BOY 406024 *12----------	10 daughters-	13	6,915	6.2	427
Born, 8-25-39; proved, 5-6-49;----; Ill.	10 dams------	29	7,697	5.7	440
Sire, 385997; dam, 1015844.	Difference---	(3-9-4)	-782	+.5	-13
Herd Owner, A. B. Hall, Sullivan.					
SNOWDROP PIONEER O WALHALLA 421528 *(Aug. 1948)----------	15 daughters-	18	6,055	5.4	326
Born, 2-6-41; proved, 5-11-49; dead; Vt.	13 daughters-	16	5,991	5.4	323
Sire, 382959; dam, 1057394.	13 dams------	21	6,257	5.6	351
Herd Owner, Guy E. Hood, Chelsea.	Difference---	(6-5-5)	-266	-.2	-28
STANDARD PET DANDY SIR 449314----------	6 daughters--	6	6,829	5.2	358
Born, 7-23-42; proved, 5-20-49;----; Wash.	5 daughters--	5	7,109	5.2	367
Sire, 376838; dam, 1202778.	5 dams-------	6	6,559	5.8	384
Herd Owner, Earl B. Knutson, White Salmon.	Difference---	(2-2-2)	+550	-.6	-17
SUMALLO VISCOUNT 413085----------	13 daughters-	19	7,694	5.5	420
Born, 11-11-36; proved, 5-13-49; alive; Oreg.	6 daughters--	9	7,605	5.4	414
Sire, 65627 CJCC; dam, 54158 CJCC.	6 dams-------	29	7,632	5.4	410
Herd Owner, Frank Finnicum, Dayton.	Difference---	(3-3-4)	-27	.0	+4
SYBIL IXIA'S SON 426396 *(Sept. 1948)----------	9 daughters--	10	7,162	5.6	400
Born, 1-9-40; proved, 5-23-49;----; Vt.	9 dams-------	43	7,084	5.5	388
Sire, 374002; dam, 1040287.	Difference---	(4-7-4)	+78	+.1	+12
Herd Owner, Bicknell Hill Farm, Tunbridge.					
SYBIL POPPY POET 450338 *12----------	11 daughters-	17	6,835	5.2	358
Born, 3-10-41; proved, 5-12-49;----; N. Y.	11 dams------	47	7,192	5.6	401
Sire, 368878; dam, 1087098.	Difference---	(5-3-1)	-357	-.4	-43
Herd Owner, James A. Boggs, Bovina.					
THOMAS' FRANCHISE VALIANT 405287----------	16 daughters-	16	7,389	5.0	371
Born, 5-15-39; proved, 5-10-49;----; Iowa.	11 daughters-	11	7,444	4.9	365
Sire, 399955; dam, 1223865.	11 dams------	25	7,767	4.8	370
Herd Owner, E. S. Baughman, Bloomfield.	Difference---	(5-6-5)	-323	+.1	-5
VALIANT STANDARD FRANCIS 391781----------	27 daughters-	29	7,013	4.6	323
Born, 11-11-37; proved, 5-3-49;----; Minn.	6 daughters--	6	6,049	4.8	289
Sire, 365317; dam, 1097665.	6 dams-------	6	7,129	4.8	339
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(2-3-2)	-1,080	.0	-50
VANITY CORONATION DREAMER 422222 *12----------	13 daughters-	17	7,438	5.2	387
Born, 9-3-40; proved, 5-10-49;----; Pa.	11 daughters-	14	7,329	5.2	378
Sire, 399195; dam, 1230514.	11 dams------	28	7,134	5.1	364
Herd Owner, Claude L. Carter & Son, Montrose.	Difference---	(6-7-7)	+195	+.1	+14
VOLUNTEER HAPPY STANDARD 423261 *(Mar. 1948)----------	15 daughters-	26	9,435	5.6	532
Born, 1-20-41; proved, 5-5-49;----; Wash.	15 dams------	75	9,838	5.6	556
Sire, 365924; dam, 1178964.	Difference---	(7-6-7)	-403	.0	-24
Herd Owner, Earl McPherson, Enumclaw.					
WATTERN OXFORDIA LAD 393705 *12----------	15 daughters-	30	7,451	5.0	372
Born, 4-20-38; proved, 5-6-49; dead; N. Y.	12 daughters-	27	7,835	5.0	390
Sire, 373030; dam, 896141.	12 dams------	41	8,016	4.9	397
Herd Owner, Lake Placid Co., Lake Placid.	Difference---	(4-6-6)	-181	+.1	-7
WILMA'S ROWER SULTAN 425177 *(Sept. 1948)----------	14 daughters-	24	7,781	5.0	391
Born, 9-21-40; proved, 5-24-49;----; Maine.	10 daughters-	18	7,847	4.9	386
Sire, 401787; dam, 1173558.	10 dams------	22	8,048	5.1	407
Herd Owner, George Gray, Anson.	Difference---	(4-3-3)	-201	-.2	-21
43-9077 (DHIA EARTAG)----------	5 daughters--	10	8,648	5.3	460
Born, ----; proved, 5-24-49;----; Mo.	5 dams-------	13	7,032	5.1	362
Sire, ----; dam, ----.	Difference---	(4-3-5)	+1,616	+.2	+98
Herd Owner, Dale Maupin, Glasgow.					

RED DANE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
51*D514 (EARTAG) *12----------	31 daughters-	37	7,109	4.1	294
Born, 1-14-38; proved, 5-2-49; alive; Mich.	19 daughters-	20	6,625	4.1	275
Sire, 51*D502; dam, 51*D8.	19 dams------	49	7,597	3.7	284
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-16-8)	-972	+.4	-9
51*D559 (EARTAG) *(Aug. 1948)----------	29 daughters-	40	8,304	4.3	355
Born, 3-13-42; proved, 5-6-49; alive; Mich.	23 daughters-	31	8,226	4.3	352
Sire, 51*D501; dam, 51*D3.	23 dams------	53	7,612	4.5	345
Herd Owner, Harvey Handrich, Mio.	Difference---	(14-8-14)	+614	-.2	+7
51*D562 (EARTAG)----------	7 daughters--	7	8,260	4.0	329
Born, 8-15-42; proved, 5-6-49; alive; Mich.	6 daughters--	6	7,990	4.0	321
Sire, 51*D533; dam, 51*D33.	6 dams-------	19	7,866	4.1	323
Herd Owner, Peter Appel & Son, Marlette.	Difference---	(3-3-3)	+124	-.1	-2

RED POLLED SIRES

ELGIN ADVANCER 56316----------	20 daughters-	50	6,321	4.3	271
Born, 1-24-33; proved, 5-4-49; dead; Minn.	6 daughters--	13	6,091	4.2	255
Sire, 50336; dam, 74729.	6 dams-------	15	7,002	3.9	270
Herd Owner, Clemens Landwehr, St. Cloud.	Difference---	(1-6-2)	-911	+.3	-15

SHORTHORN SIRES

NORTHLYND MELOPAN 2071513 *(Aug. 1948)----------	14 daughters-	23	7,235	3.8	273
Born, 11-25-40; proved, 5-23-49;----; Wis.	12 daughters-	19	7,212	3.8	274
Sire, 214934 CHB; dam, 228206 CHB.	12 dams------	47	7,647	3.9	295
Herd Owner, Lee R. Wells, Sparta.	Difference---	(6-6-4)	-435	-.1	-21
WATERLOO CHAMPION 2013433 *12----------	14 daughters-	29	5,827	3.8	222
Born, 4-7-40; proved, 5-26-49; dead; Minn.	14 dams------	42	6,862	3.6	248
Sire, 1934491; dam, 1736250.	Difference---	(4-13-6)	-1,035	+.2	-26
Herd Owner, Henry C. Hinrichs, Red Wing.					

AMERICAN DAIRY CATTLE CLUB SIRES

AGNES' MADCAP DOUGLAS 730
(This sire is also a registered Jersey "Agnes' Madcap Douglas 438165." Proved Sire data included in Jersey listing.)

CAMERON ORMSBY BESS 721
(This sire is also a registered Holstein "Cameron Ormsby Bess 666055." Proved Sire data included in Holstein listing.)

DON DUKE VALE ORMSBY 723
(This sire is also a registered Holstein "Don Duke Vale Ormsby 780059." Proved Sire data included in Holstein listing.)

FLYING HORSE ROYAL DON 541
(This sire is also a registered Guernsey "Flying Horse Royal Don 294892." Proved Sire data included Guernsey listing.)

IDYLBROOK KEYSTONE 514
(This sire is also a registered Guernsey "Idylbrook Keystone 292015." Proved Sire data included in Guernsey listing.)

MOHOFAR NAJAC 152
(This sire is also a registered Holstein "Mohofar Najac 825543." Proved Sire data included in Holstein listing.)

WINTERTHUR SELECT FOBES XANTHIC 955
(This sire is also a registered Holstein "Winterthur Select Fobes Xanthic 844665." Proved Sire data included in Holstein listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy Herd Improvement Association Letter Vol. [illegible], No. 7

JULY 1949

1949 DHIA PROVED-SIRE LIST AVAILABLE

The 1949 DHIA Proved-Sire List is now ready for distribution by the Bureau of Dairy Industry. It is the 13th list issued since the Nation-wide DHIA sire-proving program was begun in 1936, and also the largest to date. The 1949 list includes data on the 4,387 sires whose records were tabulated or retabulated by the Division of Dairy Herd Improvement Investigations during the calendar year 1948.

Copies are being sent to the same mailing list to which this DHIA Letter is sent each month. If you receive a single copy of the DHIA Letter for your own use, or a number of copies for distribution to association supervisors, you will also receive the same number of copies of the 1949 sire list.

DHIA members and committeemen, as well as others, who have the responsibility of selecting sires for breeding associations should have the 1949 list for convenient reference.

County agents and DHIA supervisors are requested to advise association members and other interested dairymen who can make use of the list to write for a copy. Just ask for the 1949 Proved-Sire List, and address the request to the Bureau of Dairy Industry, U. S. Department of Agriculture, Washington 25, D. C.

Copies of Earlier Lists

Some dairymen may wish to have a complete set of sire lists. The first list was issued in 1937. Copies of all annual lists, except for 1937, 1938, and 1940, may still be obtained by writing the Bureau of Dairy Industry.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY THE STATE EXTENSION SERVICES FOR THE PERMANENT FILES DURING 1948 AND 1949

State	First 6 months of 1949							1948	
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records reported by American Dairy Cattle Club	Ayrshire Breeder's Association	Brown Swiss Cattle Breeders' Association	Records returned 3/	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine	8,617	2,161	25.1	0	76	0	331	5,112	55.0
N. H.	6,313	1,720	27.2	0	120	7	130	1,411	25.3
Vt.	27,828	6,609	23.7	14	132	44	478	10,389	50.6
Mass.	12,977	2,033	15.7	40	331	74	143	3,708	32.5
R. I.	1,709	392	22.9	0	85	0	119	3	.3
Conn.	12,278	898	7.3	0	285	113	115	4,651	41.6
N. Y.	101,074	21,492	21.3	720	991	168	980	22,133	25.3
Pa.	73,930	24,395	33.0	56	680	50	1,504	31,211	43.9
N. J.	21,176	2,463	11.6	0	17	44	196	7,010	33.1
Md.	17,835	4,358	24.4	100	253	[illegible]	218	7,902	49.3
Del.	2,059	113	5.5	12	17	0	21	1,212	57.7
Va.	34,063	8,250	24.2	0	0	8	410	15,491	48.5
W. Va.	5,558	1,767	31.8	0	50	5	73	4,034	66.8
Ky.	7,245	1,093	15.1	0	0	34	85	1,658	23.2
N. C.	6,226	644	10.3	0	101	0	54	707	12.3
S. C.	1,603	0	0	0	0	13	0	0	--
Ga.	4,213	612	14.5	7	0	0	23	714	17.4
Fla.	2,806	262	9.3	0	34	0	36	305	14.2
Ala.	0	30	0	0	0	0	3	10	--
Miss.	953	254	26.7	0	0	0	16	466	34.0
Tenn.	6,610	1,191	18.0	9	0	0	19	1,768	28.3
La.	2,133	128	6.0	0	0	0	8	117	5.3
Ark.	535	0	--	0	0	0	0	0	--
Ohio	22,839	4,628	20.3	4	479	128	230	5,996	24.9
Ind.	26,299	5,522	21.0	31	125	85	301	3,544	15.0
Ill.	37,205	5,459	14.7	67	81	399	267	10,564	30.6
Mich.	45,682	9,076	19.9	4	106	154	538	14,323	32.9
Wis.	81,783	26,309	32.2	34	136	386	880	30,838	38.5
Minn.	41,235	10,242	24.8	7	5	78	894	20,951	51.0
Iowa	36,037	8,375	23.2	0	56	262	366	17,203	48.8
Mo.	16,737	2,376	14.2	0	14	30	121	5,190	36.9
N. Dak.	1,244	185	14.9	0	0	0	9	761	74.0
S. Dak.	1,298	160	12.3	0	8	11	14	302	19.0
Nebr.	4,895	654	13.4	10	11	8	15	1,039	23.9
Kans.	13,183	2,502	19.0	0	211	27	260	5,929	51.7
Okla.	2,615	151	5.8	0	10	0	26	334	11.4
Texas	10,940	544	5.0	0	5	0	23	779	6.7
Mont.	4,224	184	4.4	0	15	0	4	395	9.2
Idaho	8,808	1,176	13.4	0	12	0	49	1,885	25.4
Wyo.	774	4	.5	0	0	0	1	27	--
Nev.	559	1	.2	0	0	0	0	49	5.6
Utah	9,719	692	7.1	0	0	0	94	1,419	14.5
Colo.	4,599	744	16.2	0	43	47	23	1,248	25.5
N. Mex.	1,531	87	5.7	0	0	0	8	329	23.2
Ariz.	10,179	332	3.3	0	0	0	34	690	8.7
Wash.	28,731	6,086	21.2	0	77	12	308	11,673	42.8
Ore.	17,723	7,418	41.9	0	16	20	174	6,613	47.1
Calif.	156,986	3,812	2.4	0	112	7	73	5,871	3.8
P.R.	0	0	--	0	0	0	0	0	--
Hawaii	373	0	--	0	0	0	0	35	--
U.S.	943,939	177,584	18.8	1,115	4,693	2,216	9,684	267,999	30.2

1/ Includes cows enrolled since January 1, 1949.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED [illegible]

Following is a list of 631 sires whose records were tabulated [illegible] Industry in June 1949. Production records used in proving [illegible] records standardized to a mature equivalent twice-a-day milking [illegible]

An asterisk at the end of a sire's registration number [illegible] following the asterisk shows in which of the [illegible] printed data his [illegible]

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. [illegible] ficial-breeding association, the name of the association is given.

AYRSHIRE SIRES

		[illegible]	[illegible]	[illegible]	Pounds
ALTA CREST NEW ENGLANDER 65207 *(Feb. 1949)	18 daughters	21	9,259	4.0	373
Born, 8-15-40; proved, 6-6-49; ----; N. Y.	18 dams	67	9,568	4.0	386
Sire, 59661; dam, 222963.	Difference	(8-12-6)	-309	.0	-13
Herd Owner, Frank G. Bassett, Coleman Station.					
ANCHOR MERE ADVANCER'S FOOTPRINT 75227	7 daughters	7	9,405	3.8	355
Born, 7-20 43; proved, 6 6-49; alive; Mass.	6 daughters	6	9,473	3.8	359
Sire, 65622; dam, 217693.	6 dams	13	9,354	3.8	355
Herd Owner, Castle Hill Farm, Whitinsville.	Difference	(2-3-2)	+119	.0	+4
ANNANDALE POLONIAN 63833 *12	12 daughters	22	8,225	3.8	317
Born, 5 16 39; proved, 6-8-49; ----; Mich.	11 daughters	20	8,224	3.8	314
Sire, 59660; dam, 228447.	11 dams	39	8,014	3.7	296
Herd Owner, William H. Vann, Clarkston.	Difference	(6-8-7)	+210	+.1	+18
AVALON SHEILA'S FOREMOST 68484	6 daughters	8	8,858	4.2	[illegible]
Born, 4-20 41; proved, 6-2-49; -- -; Ohio.	6 dams	15	9,375	4.0	370
Sire, 60005; dam, 235670	Difference	(1-4-4)	517	+.2	+4
Herd Owner, Locust Lane Farm, Delta.					
BOY BLUE'S NIFTY BOY 71988 *12	16 daughters	25	10,445	4.1	430
Born, 9-8-41; proved, 6-2-49; alive; Ohio.	15 daughters	24	10,661	4.1	437
Sire, 58319; dam, 156458.	15 dams	42	10,393	3.8	398
Herd Owner, A. N. Brenneman, Lima.	Difference	(9-12-11)	+268	+.3	+39
BROAD PLACE GRANDE 64989 *(Nov. 1948)	14 daughters	20	7,147	4.4	312
Born, 8 2-40; proved, 6-6-49; dead; Mass.	14 dams	52	7,353	4.3	316
Sire, 55678; dam, 206254.	Difference	(7-10-9)	-206	+.1	-4
Herd Owner, Broad Place Ayrshire Farm, North Amherst.					
BRYNDUNE VICTORY 73092	7 daughters	7	10,442	4.1	433
Born, 11-14 42; proved, 6-6-49; ---; Calif.	6 daughters	6	10,634	4.2	445
Sire, 70406; dam, 153706.	6 dams	11	9,213	4.4	407
Herd Owner, Bryndune Ayrshire Farm, Elk Grove.	Difference	(5 2-4)	+1,421	-.2	+38
CACAPON ADVERTISER 63775 *12	10 daughters	16	7,396	4.4	327
Born, 3-2-40; proved, 6-2-49; dead; W. Va.	10 dams	42	8,344	4.2	349
Sire, 58118; dam, 167472.	Difference	(1 8-3)	-948	+.2	-22
Herd Owner, Fayne Wymer, Jane Lew.					
CHERRIHILL GAYBOY CHAMPION 73290	6 daughters	7	8,241	4.1	335
Born, 7 28 42; proved, 6 7-49; ----; Pa.	6 dams	15	9,102	3.9	354
Sire, 47698; dam, 194934.	Difference	(2 5 3)	-861	+.2	-19
Herd Owner, Herbert W. Seidel & Sons, Virginville.					
DESERT CREST'S BLEND 65610 *12	17 daughters	28	10,109	4.3	437
Born, 9-26-40; proved, 6-6-49; dead; Mass.	15 daughters	26	10,181	4.3	435
Sire, 57555; dam, 149065.	15 dams	70	10,563	4.2	439
Used in Massachusetts A.B.A., Inc.	Difference	(7-12-7)	-382	+.1	-4
DESERT CREST'S HAPPY DAYS 61237	10 daughters	11	9,252	3.9	359
Born, 11-5-38; proved, 6-3-49; ---; Wis.	6 daughters	7	9,247	3.9	363
Sire, 57556; dam, 190172.	6 dams	7	7,555	3.8	286
Herd Owner, William J. Fischer, Manitowoc.	Difference	(5-6-5)	+1,692	+.1	+77
FAIR MEADOWS SWEETHEART'S DAIRYMAN 80379	7 daughters	7	9,829	4.2	408
Born, 3-2-43; proved, 6-1-49; ----; Conn.	6 daughters	6	9,478	4.2	398
Sire, 54157; dam, 199651.	6 dams	11	10,067	3.8	384
Herd Owner, Litchfield Farms, Litchfield.	Difference	(2 5-4)	-589	+.4	+14
GLENGARRY BANKER, IMP. 74148	7 daughters	7	8,510	3.7	315
Born, 9-1-42; proved, 6-14-49; ----; Wis.	5 daughters	5	8,155	3.7	298
Sire, 64582; dam, 275150.	5 dams	7	7,127	4.0	286
Herd Owner, Greenfield Farms, West Allis.	Difference	(3-1-2)	+1,028	-.3	+12
GREEN HILL GINGER 60747 *12	29 daughters	52	7,660	4.1	314
Born, 11-22-38; proved, 6-16-49; dead; Pa.	26 daughters	41	7,690	4.1	315
Sire, 55255; dam, 115470.	26 dams	73	6,872	4.1	278
Used in Lehigh Valley Co-op. A.B.A.	Difference	(15-18-16)	+818	.0	+37

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HAPPY DAYS GRAND LORAN 63835 *11	9 daughters	26	8,514	4.1	351
Born, 11-5-39; proved, 6-1-49; dead; Kans.	9 dams	27	7,260	4.0	290
Sire, 55440; dam, 198029.	Difference	(7-7-8)	+1,254	+.1	+61
Herd Owner, Frank Schrock, Sterling.					
LAMB'S LAST MAGNET 60562	13 daughters	17	7,477	4.0	301
Born, 1-9-39; proved, 6-7-49; ----; N. Y.	7 daughters	9	7,905	3.9	312
Sire, 50792; dam, 168798.	7 dams	15	7,649	3.8	293
Herd Owner, William J. Fraser & Sons, Fraser.	Difference	(3-6-3)	+256	+.1	+19
LIPPITT TORR DOUGLAS 62613	7 daughters	10	11,680	4.1	478
Born, 8-27-39; proved, 6-3-49; alive; Conn.	6 daughters	9	12,141	4.0	489
Sire, 45059; dam, 186115.	6 dams	26	13,321	3.9	518
Herd Owner, University of Connecticut, Storrs.	Difference	(1-5-3)	-1,180	+.1	-29
LOYALMEADE KING 64186 *12	12 daughters	23	8,595	4.5	389
Born, 11-5-39; proved, 6-8-49; dead; Pa.	11 daughters	22	8,766	4.5	395
Sire, 54924; dam, 167093.	11 dams	38	9,322	4.1	379
Herd Owner, C. Bryan Baker, Newville.	Difference	(6-9-7)	-556	+.4	+16
MAIDEN HILL CRAIG OF TRUE FORM 70715	5 daughters	6	6,933	3.8	262
Born, 7-3-42; proved, 6-6-49; dead; Mass.	5 dams	14	8,229	3.8	315
Sire, 51655; dam, 172601.	Difference	(2-3-1)	-1,296	.0	-53
Herd Owner, R. K. Rogers & Son, Ward Hill.					
MASONIC HOMES COOPERATOR 63851	7 daughters	18	6,943	4.1	286
Born, 11-5-39; proved, 6-1-49; ----; Pa.	5 daughters	14	7,127	4.1	289
Sire, 47845; dam, 123257.	5 dams	17	7,962	3.9	308
Herd Owner, Waldron Frederick, Conyngham.	Difference	(1-5-1)	-835	+.2	-19
MASONIC HOMES RISING SUN 66958	5 daughters	8	8,217	4.1	340
Born, 2-27-41; proved, 6-6-49; ----; Pa.	5 dams	22	7,961	4.2	334
Sire, 59862; dam, 145857.	Difference	(3-3-3)	+256	-.1	+6
Herd Owner, Shear Ayr Farm, Perulack.					
NESHAMINY GOLDEN BOY 63633 *11	22 daughters	41	10,364	4.4	459
Born, 8-15-39; proved, 6-1-49; dead; Pa.	21 daughters	40	10,569	4.4	468
Sire, 47635; dam, 93810.	21 dams	70	9,434	4.3	407
Herd Owner, Neshaminy Farms, Newtown.	Difference	(16-14-16)	+1,135	+.1	+61
PULPIT ROCK'S PRINCE LAD 69262	7 daughters	10	7,024	4.1	286
Born, 1-23-42; proved, 6-14-49; ----; N.Y.	5 daughters	8	6,993	4.0	283
Sire, 47927; dam, 185005.	5 dams	18	8,140	4.0	330
Herd Owner, Laurel J. Stammer & Son, Gouverneur.	Difference	(0-3-0)	-1,147	.0	-47
ROSELAWN BERYL'S LEO 74021	5 daughters	5	10,358	4.1	420
Born, 2-6-43; proved, 6-30-49; ----; Pa.	5 dams	31	9,200	4.1	376
Sire, 53262; dam, 194429.	Difference	(4-2-4)	+1,158	.0	+44
Herd Owner, Spring Mill Farm, Malvern.					
SCANTIC DOMINANT KING (TWIN) 64562 *12	9 daughters	12	9,205	4.0	370
Born, 2-6-40; proved, 6-6-49; ----; N.Y.	8 daughters	10	9,151	4.0	365
Sire, 59199; dam, 149680.	8 dams	26	9,897	3.9	388
Herd Owner, Thomas Norman, Saranac Lake.	Difference	(2-4-4)	-746	+.1	-23
SCANTIC FABIUS 70868	7 daughters	8	8,511	3.8	326
Born, 2-22-42; proved, 6-6-49; dead; Mass.	7 dams	24	8,591	4.1	349
Sire, 64562; dam, 208931.	Difference	(4-1-2)	-80	-.3	-23
Herd Owner, Glad-Ayr Farm, Southwick.					
SHARON VIEW MARY'S KNICKERBOCKER 73883	5 daughters	5	9,581	3.9	378
Born, 4-21-43; proved, 6-30-49; ----; Wis.	5 dams	9	8,788	3.8	338
Sire, 61764; dam, 121041.	Difference	(4-3-4)	+793	+.1	+40
Herd Owner, Mervin Dalton, Oconomowoc.					
SILVER RUN CASPER 72257	6 daughters	7	8,925	4.1	365
Born, 11-24-42; proved, 6-28-49; ----; Del.	5 daughters	6	8,830	4.1	365
Sire, 46502; dam, 184528.	5 dams	20	8,908	3.9	348
Herd Owner, George C. Simpson, Houston.	Difference	(2-5-3)	-78	+.2	+17
SPRING MILL MAGNET 63307 *11	20 daughters	47	8,266	4.2	345
Born, 12-3-38; proved, 6-1-49; dead; Pa.	19 daughters	43	8,216	4.2	344
Sire, 50792; dam, 178280.	19 dams	68	8,680	4.1	354
Herd Owner, Spring Mill Farm, Malvern.	Difference	(8-15-7)	-464	+.1	-10
TRIPLE SHIRE O'FULFILLMENT 77331	5 daughters	5	9,009	3.9	349
Born, 1-24-43; proved, 6-6-49; ----; Pa.	5 dams	17	10,658	4.1	432
Sire, 58790; dam, 241888.	Difference	(1-2-1)	-1,649	-.2	-83
Herd Owner, Triple-Shire Farm, Newville.					
U. OF MD. LUCKY SAUL 67674	6 daughters	6	8,434	4.1	348
Born, 7-2-41; proved, 6-2-49; ----; Md.	5 daughters	5	8,285	4.1	341
Sire, 51953; dam, 194080.	5 dams	21	8,068	3.8	306
Herd Owner, Ella Mae & Dr. Howard T. Morse, Thurmont.	Difference	(3-5-5)	+217	+.3	+35

AYRSHIRE SIRES	Number	Number	Milk	Test	Fat
		Number	Pounds	Percent	Pounds
WHITPAIN HANDYMAN 65510	16 daughters	28	8,369	4.0	332
Born, 10-6-40; proved, 6-23-49;----; Pa.	8 daughters	13	7,861	3.9	305
Sire, 43060; dam, 202392.	8 dams	25	7,327	4.0	290
Herd Owner, Normandy Farm, Norristown.	Difference	(4-5-3)	+534	-.1	+15
WHITPAIN SUNBARR 64316 *(Sept. 1948)	18 daughters	29	9,633	4.0	386
Born, 5-18-40; proved, 6-1-49; dead; Pa.	18 dams	55	8,021	3.9	314
Sire, 44209; dam, 154029.	Difference	(13-13-14)	+1,612	+.1	+72
Herd Owner, Normandy Farm, Norristown.					
WOOD FORD DOUGLAS MACARTHUR 65574 *(Jan. 1949)	12 daughters	20	8,857	4.1	366
Born, 11-8-40; proved, 6-3-49; dead; Conn.	11 daughters	19	9,006	4.1	371
Sire, 41820; dam, 119434.	11 dams	36	9,086	4.1	374
Herd Owner, Wood Ford Farm, Avon.	Difference	(5-7-5)	-80	.0	-3

BROWN SWISS SIRES					
BARON INKWYL 41063	8 daughters	8	8,852	4.2	375
Born, 10-21-37; proved, 6-2-49;----; Iowa.	6 daughters	6	9,553	4.2	406
Sire, 32960; dam, 41534.	6 dams	16	9,896	4.1	401
Herd Owner, Bruening Brothers, Ridgeway.	Difference	(3-5-3)	-343	+.1	+5
BELL'S CHAMPION BOY 43350	7 daughters	10	11,252	3.9	441
Born, 11-26-38; proved, 6-20-49;----; Iowa.	5 daughters	6	11,443	3.9	449
Sire, 34287; dam, 39114.	5 dams	18	12,485	3.9	490
Herd Owner, Lynn Mischke, Churdan.	Difference	(1-3-1)	-1,042	.0	-41
BETTY'S COUNT SAMMIE OF ROSELAND 40015 *(July 1948)	9 daughters	13	9,698	4.0	391
Born, 1-2-38; proved, 6-3-49; dead; Ill.	8 daughters	12	9,739	4.0	389
Sire, 35778; dam, 59775.	8 dams	21	9,897	4.3	427
Herd Owner, Raymond Kaiser, Dakota.	Difference	(3-1-3)	-158	-.3	-38
BROWNIE'S COLLEGE PRINCE 41380	6 daughters	8	9,812	3.7	363
Born, 4-20-38; proved, 6-15-49;----; Minn.	5 daughters	7	9,989	3.7	369
Sire, 36905; dam, 47187.	5 dams	17	11,169	3.9	439
Herd Owner, Rickert & Wachal, Lakefield.	Difference	(2-2-2)	-1,180	-.2	-70
CAMILLA'S ROYAL OF LEE'S HILL 37138	8 daughters	12	13,290	4.1	550
Born, 7-24-36; proved, 6-24-49;----; Ill.	5 daughters	5	12,765	4.4	558
Sire, 28594; dam, 42423.	5 dams	23	9,440	4.2	397
Herd Owner, A. E. Bower & Son, Bushton.	Difference	(4-5-4)	+3,325	+.2	+161
COLLEGE BOY N. OF LEE'S HILL 40900 *12	15 daughters	20	8,621	4.0	348
Born, 3-31-38; proved, 6-24-49; dead; Pa.	12 daughters	17	8,484	4.0	340
Sire, 16543; dam, 30876.	12 dams	47	8,155	3.7	302
Herd Owner, Orangeville Brown Swiss Farm, Sharpsville.	Difference	(8-10-9)	+329	+.3	+38
CORNELL COLUMBUS WINDSOR 50092 *(Aug. 1948)	17 daughters	22	9,532	3.8	367
Born, 6-13-40; proved, 6-1-49; alive; N.Y.	13 daughters	16	9,754	3.9	379
Sire, 40111; dam, 42174.	13 dams	27	9,117	3.9	353
Herd Owner, Frank D. Northrup, Interlaken.	Difference	(7-9-8)	+637	.0	+26
FOREST FARMS DUKE 50520 *(July 1948)	9 daughters	10	9,652	4.1	400
Born, 9-3-40; proved, 6-6-49;----; Pa.	9 dams	38	10,349	3.9	405
Sire, 38049; dam, 62979.	Difference	(3-9-5)	-697	+.2	-5
Herd Owner, H. P. Kennedy & Son, Valencia.					
HANNIBAL OF LEE'S HILL 49266	7 daughters	11	13,001	4.1	539
Born, 11-3-40; proved, 6-13-49;----; Ind.	7 dams	37	11,420	3.9	447
Sire, 37565; dam, 52218.	Difference	(5-5-4)	+1,581	+.2	+92
Used in Central Ohio Co-op. A.B.A., Ohio.					
HENSEL'S REX D. 51325	6 daughters	7	10,927	4.0	439
Born, 9-26-40; proved, 6-7-49;----;Kans.	5 daughters	6	10,541	4.0	418
Sire, 36887; dam, 74522.	5 dams	14	8,753	3.7	328
Herd Owner, Herbert Duwe, Freeport.	Difference	(4-4-3)	+1,788	+.3	+90
ILLINI NELLIE DAKOTA CONCENTRATION 39613	13 daughters	24	8,479	4.3	365
Born, 11-15-37; proved, 6-16-49;----; S. Dak.	8 daughters	12	9,367	4.2	396
Sire, 28036; dam, 42697.	8 dams	31	10,375	3.7	387
Used in Wis. Experimental Breeding Project, Wis.(A.B.A)	Difference	(3-8-5)	-1,008	+.5	+9
JESSE OF JUDD'S BRIDGE 53929 *(Sept. 1948)	13 daughters	18	11,537	4.0	467
Born, 10-28-41; proved, 6-1-49;----; Vt.	12 daughters	17	10,755	4.1	441
Sire, 31073; dam, 78476.	12 dams	35	10,832	4.2	452
Herd Owner, Oak Ridge Farm, Windsor.	Difference	(7-4-6)	-77	-.1	-11
JUDD'S BRIDGE ROYAL BADGER 50123	5 daughters	9	9,062	4.1	371
Born, 4-7-41; proved, 6-24-49;----; Iowa.	5 dams	11	9,510	4.0	381
Sire, 37565; dam, 71794.	Difference	(1-3-2)	-448	+.1	-10
Herd Owner, Mar-Sal Farm, Spencer.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
JUDD'S BRIDGE ROYAL KEEPER 54194	8 daughters---	10	10,686	4.1	442
Born, 2-19-42; proved, 6-6-49; dead; N. Y.	8 dams--------	21	8,429	4.3	361
Sire, 31653; dam, 53450.	Difference----	(6-3-5)	+2,257	-.2	+81
Herd Owner, J. Sanford Cross, Kyserike.					
LAURA'S BETTY BOY OF J. B. 39902 *10	12 daughters--	39	9,446	4.1	389
Born, 3-24-38; proved, 6-3-49; dead; Wis.	11 daughters--	37	9,377	4.1	386
Sire, 27137; dam, 33133.	11 dams-------	45	9,472	4.0	379
Herd Owner, Otto Bentz, Cedarburg.	Difference----	(6-7-6)	-95	+.1	+7
LEE'S HILL GRANNY ROYAL 42266 *12	18 daughters--	26	10,683	4.1	433
Born, 9-10-38; proved, 6-16-49;----; Ill.	15 daughters--	22	11,160	4.1	456
Sire, 28594; dam, 37277.	15 dams-------	61	12,137	4.0	480
Herd Owner, Reinhard Gerdes, Princeton.	Difference----	(4-11-6)	-977	+.1	-24
NIAGARA CLAIRE'S WALLACE OF ELLERSLIE 36717	8 daughters---	13	7,752	4.1	321
Born, 12-1-36; proved, 6-17-49;----; Conn.	8 dams--------	25	8,474	4.2	356
Sire, 28838; dam, 50072.	Difference----	(3-4-2)	-722	-.1	-35
Herd Owner, Great Falls Farm, Falls Village.					
PHEIFER BOY V. B. 5TH 30922	21 daughters--	34	8,953	3.9	349
Born, 10-4-33; proved, 6-16-49;----; Minn.	12 daughters--	16	8,861	3.9	345
Sire, 26234; dam, 23988.	12 dams-------	27	9,218	4.1	382
Herd Owner, George J. Hendel, Caledonia.	Difference----	(5-2-5)	-357	-.2	-33
ROYAL'S GENDARME OF LEE'S HILL 51552 *(May 1948)	9 daughters---	14	11,553	3.8	443
Born, 3-21-41; proved, 6-6-49;----; Mich.	9 dams--------	29	12,739	3.7	477
Sire, 28594; dam, 30876.	Difference----	(4-5-4)	-1,186	+.1	-34
Herd Owner, August Dorr, Jr., Bay City.					
ROYAL'S ROBIN OF LEE'S HILL 52647	5 daughters---	5	10,081	4.2	422
Born, 11-27-41; proved, 6-28-49;----; N.J.	5 dams--------	13	9,199	4.2	390
Sire, 28594; dam, 42418.	Difference----	(3-3-3)	+882	.0	+32
Herd Owner, Suydam Farms, New Brunswick.					
ROYAL'S STRANGER OF J-A-M 50998 *12	8 daughters---	13	8,947	3.9	347
Born, 2-12-41; proved, 6-6-49; dead; N. Y.	8 dams--------	36	9,080	3.9	357
Sire, 43145; dam, 72685.	Difference----	(4-4-3)	-133	.0	-10
Herd Owner, Theodore J. Neckers, Clymer.					
SANDRA'S ROYAL OF LEE'S HILL 40081	8 daughters---	15	10,853	4.1	447
Born, 11-25-37; proved, 6-13-49; dead; Ohio.	5 daughters---	10	11,361	4.2	478
Sire, 28594; dam, 52215.	5 dams--------	20	8,888	4.2	369
Used in Central Ohio Co-op. A.B.A.	Difference----	(5-4-5)	+2,493	.0	+109
SANTA CLAUS OF LEE'S HILL 53756	12 daughters--	13	7,272	4.2	308
Born, 12-24-41; proved, 6-2-49;----; N. Y.	10 daughters--	11	7,057	4.2	296
Sire, 23652; dam, 56349.	10 dams-------	29	6,803	4.0	274
Herd Owner, Leslie A. Welch, West Winfield.	Difference----	(6-9-6)	+254	+.2	+22
SEPTANA'S BARON OF BOWERHOME 50500	5 daughters---	7	10,425	4.3	446
Born, 3-30-41; proved, 6-21-49;----; Ill.	5 dams--------	21	8,884	4.4	391
Sire, 42940; dam, 59722.	Difference----	(5-1-5)	+1,541	-.1	+55
Herd Owner, Walter A. Myers & Son, Mattoon.					
SOPHIA'S KING OF UPLAND FARM 52683 *(May 1948)	10 daughters--	17	11,469	4.0	461
Born, 6-8-41; proved, 6-6-49; dead; Pa.	9 daughters---	15	11,385	4.0	461
Sire, 42654; dam, 82864.	9 dams--------	26	12,645	3.7	473
Herd Owner, Joseph G. Zumbro, West Newton.	Difference----	(2-9-3)	-1,260	+.3	-12
TARZAN'S STAR 51778	5 daughters---	6	9,045	4.0	365
Born, 7-27-41; proved, 6-30-49;----; Ill.	5 dams--------	6	8,428	3.9	325
Sire, 39593; dam, 61829.	Difference----	(3-3-3)	+617	+.1	+40
Herd Owner, Francis Martin & Son, Hoopeston.					
UNSELFISH 40021 *12	12 daughters--	27	10,145	3.6	370
Born, 1-1-38; proved, 6-15-49;----; Kans.	11 daughters--	25	10,426	3.6	376
Sire, 22532; dam, 30792.	11 dams-------	46	9,387	3.8	357
Herd Owner, Henry Duwe, Freeport.	Difference----	(7-4-6)	+1,039	-.2	+19
V. B. PHEIFER VOGEL 43108	7 daughters---	12	11,064	3.8	416
Born, 7-25-38; proved, 6-1-49; alive; Mich.	6 daughters---	8	10,987	3.7	408
Sire, 27385; dam, 49850.	6 dams--------	28	11,159	4.1	456
Used in Central Ohio Co-op. A.B. A., Ohio.	Difference----	(1-0-1)	-172	-.4	-48
WALHALLA FILLPAIL JESTER 48175 *(June 1948)	25 daughters--	35	12,717	4.0	509
Born, 1-24-40; proved, 6-6-49;----; Wis.	19 daughters--	27	13,055	4.0	519
Sire, 41657; dam, 42947.	19 dams-------	65	12,339	3.9	482
Herd Owner, Ostval Farms, Burlington.	Difference----	(11-12-12)	+716	+.1	+37

GUERNSEY SIRES		Records			
		Number	Pounds	Percent	Pounds
AD-WILL'S GENEROUS YANKEE 314099	6 daughters--	7	7,361	4.8	350
Born, 10-2-41; proved, 6-7-49;----; Mich.	5 daughters--	6	7,491	4.8	359
Sire, 269164; dam, 473954.	5 dams-------	10	7,720	4.4	338
Herd Owner, Albert Wille & Son, St. Charles.	Difference---	(2-4-2)	-229	+.4	+21
ANTIETAM FRANCIS HARDWICK 337584	6 daughters--	6	7,685	5.1	392
Born, 3-7-43; proved, 6-13-49;----; Md.	5 daughters--	5	7,528	5.0	373
Sire, 231275; dam, 321281.	5 dams-------	18	8,819	4.7	411
Used in Maryland Co-op. A. B. A., Inc.	Difference---	(2-5-2)	-1,291	+.3	-38
ARETHUSA GENERAL 277673	9 daughters--	12	7,980	4.6	365
Born, 5-13-39; proved, 6-7-49;----; Conn.	8 daughters--	11	8,108	4.5	367
Sire, 262046; dam, 425597.	8 dams-------	21	8,093	4.6	371
Herd Owner, Wildwood Farm, Torrington.	Difference---	(5-5-2)	+15	-.1	-4
ARGILLA PARAMOUR 312972	7 daughters--	10	7,767	4.7	364
Born, 11-30-41; proved, 6-14-49;----; Wis.	7 dams-------	24	7,567	4.8	365
Sire, 203950; dam, 303092.	Difference---	(3-1-3)	+200	-.1	-1
Herd Owner, Leslie V. Becker, Galesville.					
ASGROW DANMAR 303392	7 daughters--	7	5,534	4.8	263
Born, 1-3-41; proved, 6-3-49;----; Conn.	6 daughters--	6	5,282	4.8	254
Sire, 208969; dam, 505974.	6 dams-------	29	6,841	4.3	296
Herd Owner, Levi O. Peterson, Orange.	Difference---	(1-6-2)	-1,559	+.5	-42
BEATRICE'S SON OF LONE PINE 311348	6 daughters--	9	8,363	5.7	395
Born, 2-25-41; proved, 6-17-49; dead; N. Y.	5 daughters--	8	8,557	4.7	400
Sire, 173069; dam, 337832.	5 dams-------	15	8,369	4.5	377
Herd Owner, Stewart Wheaton & Son, Cohocton.	Difference---	(2-3-3)	+188	+.2	+23
BEAVER DAM'S KING EDWARD 317225	12 daughters-	13	8,707	4.3	378
Born, 2-15-42; proved, 6-7-49;----; Va.	5 daughters--	5	9,038	4.5	410
Sire, 265995; dam, 600721.	5 dams-------	7	8,956	4.4	393
Herd Owner, C. W. Smith, Hewlett.	Difference---	(2-4-3)	+82	[illegible]	+17
BELL'S COMET OF COR-ALFA FARM 310711	7 daughters--	9	9,997	5.3	533
Born, 8-12-41; proved, 6-1-49; dead; Minn.	6 daughters--	7	9,948	5.4	542
Sire, 270293; dam, 439864.	6 dams-------	16	9,362	5.0	464
Herd Owner, Peter J. & Ashle Skaar, Hayward.	Difference---	(5-6-5)	+586	+.4	+78
BETHANY WISTAR'S SUNNY 295000 *12	9 daughters--	16	7,468	5.0	377
Born, 8-5-40; proved, 6-22-49; dead; Pa.	9 dams-------	40	7,024	5.2	366
Sire, 236556; dam, 370587.	Difference---	(6-4-5)	+444	-.2	+11
Herd Owner, C. R. Hartzell, Butler.					
BOLTON'S SYBARITE LINDY 302838	8 daughters--	8	8,708	5.0	432
Born, 2-20-41; proved, 6-15-49;----; Pa.	7 daughters--	7	8,673	5.0	433
Sire, 241176; dam, 377762.	7 dams-------	19	9,023	4.9	439
Herd Owner, Trustees of University of Pa., Philadelphia.	Difference---	(2-6-2)	-350	+.1	-6
BONNIE BLINK MAID'S SUPREME 288496	6 daughters--	11	6,923	5.1	350
Born, 2-15-39; proved, 6-2-49;----; Md.	6 dams-------	11	6,857	5.3	361
Sire, 211342; dam, 366624.	Difference---	(3-4-2)	+66	-.2	-11
Herd Owner, Bonnie Blink Farm, Cockeysville.					
BOULDER BRIDGE ADJUTANT 331093	8 daughters--	12	6,557	4.9	321
Born, 8-3-42; proved, 6-2-49; dead; Iowa.	7 daughters--	10	6,590	5.0	327
Sire, 235690; dam, 623303.	7 dams-------	26	7,208	5.0	[illegible]
Herd Owner, Ernest Houck, Radcliffe.	Difference---	(4-5-4)	-618	.0	[illegible]
BOULDER BRIDGE ADVANCER 300446	11 daughters-	15	7,561	4.5	[illegible]
Born, 11-29-40; proved, 6-21-49;----; Wis.	8 daughters--	10	7,544	[illegible]	[illegible]
Sire, 259502; dam, 469505.	8 dams-------	36	7,690	4.6	371
Herd Owner, Chrysler & Scott, Osseo.	Difference---	(5-6-3)	-146	+.1	-1
BOULDER BRIDGE ROBUST 287222	11 daughters-	13	6,383	4.5	284
Born, 2-1-40; proved, 6-15-49;----; Wis.	10 daughters-	12	6,55[illegible]	[illegible]	[illegible]
Sire, 262343; dam, 340051.	10 dams------	16	6,955	4.5	310
Herd Owner, Vilas Young, West Salem.	Difference---	(4-5-3)	-400	.0	-17
BOULDER BRIDGE TAURUS 315423	8 daughters--	8	7,818	5.1	397
Born, 10-16-41; proved, 6-6-49; alive; Iowa.	8 dams-------	28	5,960	5.2	[illegible]
Sire, 235690; dam, 511026.	Difference---	(7-4-8)	+1,858	-.1	+84
Herd Owner, J. E. Brooks, Des Moines.					
BOW'S MASTERFUL PRINCE 298410 *12	11 daughters-	17	7,800	[illegible]	418
Born, 6-15-40; proved, 6-17-49;----; Pa.	11 dams-------	49	6,776	5.0	338
Sire, 219865; dam, 501947.	Difference---	(9-7-8)	+1,024	+.4	+80
Herd Owner, Meade A. Buhite, Reynoldsville.					
BRANDTJEN'S ILLUSTRATOR 313994	10 daughters-	12	5,869	[illegible]	297
Born, 10-2-41; proved, 6-8-49; dead; Iowa.	9 daughters--	[illegible]	[illegible]	5.4	301
Sire, 213192; dam, 437446.	9 dams-------	9	[illegible]	5.0	337
Herd Owner, Echo Hill Dairy, Nevada.	Difference---	(1-5-1)	-1,129	+.4	[illegible]

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BRANDTJEN'S KEEPER 330322----------	9 daughters--	10	7,649	5.2	396
Born, 1-13-43; proved, 6-15-49; dead; Minn.	6 daughters--	7	8,109	5.0	406
Sire, 249837; dam, 592947.	6 dams-------	21	7,185	5.2	375
Herd Owner, Kenneth Ziemer, Waltham.	Difference---	(5-3-4)	+924	-.2	+31
BROADLAND BARONET 268739----------	15 daughters-	15	10,228	4.9	506
Born, 1-4-39; proved, 6-20-49;----; Ohio.	7 daughters--	7	8,646	4.7	409
Sire, 198142; dam, 362599.	7 dams-------	14	8,186	4.9	405
Herd Owner, Robert D. Musser, Circleville.	Difference---	(4-2-4)	+460	-.2	+4
BROOK FARM ALEXIS 310514----------	7 daughters--	10	8,720	4.7	413
Born, 10-7-41; proved, 6-30-49;----; Pa.	6 daughters--	8	8,981	4.7	423
Sire, 244286; dam, 562258.	6 dams-------	32	10,797	4.7	511
Herd Owner, Dundee Farm, Sewickley.	Difference---	(1-4-1)	-1,816	.0	-88
BROOKLANDWOOD SENTRY 320842----------	7 daughters--	7	7,763	5.0	388
Born, 7-30-42; proved, 6-1-49;----; Md.	5 daughters--	5	7,581	5.0	377
Sire, 237500; dam, 515805.	5 dams-------	14	6,281	5.4	338
Herd Owner, Bonnie Blink Farm, Cockeysville.	Difference---	(4-1-4)	+1,300	-.4	+39
BUSS'S VAL OF NEPTUNE 326900----------	5 daughters--	7	7,295	5.3	388
Born, 3-18-42; proved, 6-1-49; dead; Pa.	5 dams-------	15	8,150	4.9	400
Sire, 283388; dam, 526173.	Difference---	(1-5-3)	-855	+.4	-12
Herd Owner, George W. Buss, Easton.					
BUTTERCUP'S PRINCE MAXIM 333317----------	8 daughters--	9	8,300	4.6	380
Born, 6-14-42; proved, 6-22-49;----; Va.	5 daughters--	6	8,337	4.5	377
Sire, 237390; dam, 478326.	5 dams-------	13	9,199	4.3	397
Herd Owner, J. P. Fitzgerald, Crewe.	Difference---	(2-2-1)	-862	+.2	-20
CAMEO LILLY'S DEVELOPER 313290----------	23 daughters-	28	9,578	4.8	464
Born, 11-22-41; proved, 6-29-49;----; Calif.	10 daughters-	11	10,178	4.8	490
Sire, 274206; dam, 600659.	10 dams------	41	8,827	4.6	406
Herd Owner, Zephyr Farms, Fresno.	Difference---	(7-9-8)	+1,351	+.2	+84
CATHEDRAL PRINCE RILMA 273340----------	9 daughters--	12	5,014	4.9	244
Born, 2-9-39; proved, 6-2-49; dead; Iowa.	6 daughters--	7	4,905	4.9	239
Sire, 219482; dam, 436663.	6 dams-------	12	6,917	4.9	338
Herd Owner, Read & Purvis, Oskaloosa.	Difference---	(1-2-1)	-2,012	.0	-99
CEDAR CREST'S GOLDEN ROYAL 302252 *(July 1948)----------	16 daughters-	36	8,850	4.9	429
Born, 9-19-40; proved, 6-23-49; dead; Nebr.	9 daughters--	21	8,533	4.8	413
Sire, 251891; dam, 645682.	9 dams-------	16	7,574	4.8	367
Herd Owner, Henry H. Pfeiffer & Sons, Arlington.	Difference---	(6-5-7)	+959	.0	+46
CESOR HOOSIER MAXIM 317648----------	10 daughters-	11	7,710	5.1	389
Born, 2-26-42; proved, 6-2-49;----; Ind.	7 daughters--	8	7,622	5.1	391
Sire, 290264; dam, 713134.	7 dams-------	22	8,415	5.1	426
Herd Owner, James T. Stephenson, Danville.	Difference---	(1-4-2)	-793	.0	-35
CESOR NOBLE'S LYNN 306527----------	8 daughters--	13	7,088	5.1	359
Born, 10-2-40; proved, 6-24-49;----; Mich.	7 daughters--	11	7,260	5.0	366
Sire, 212790; dam, 445235.	7 dams-------	17	8,293	4.9	409
Herd Owner, Howard Loew & Son, Byron Center.	Difference---	(1-4-1)	-1,033	+.1	-43
CESOR PENWYN'S WAND 321638----------	10 daughters-	12	7,804	4.8	374
Born, 4-18-41; proved, 6-29-49;----; Wis.	7 daughters--	9	8,011	4.8	381
Sire, 254831; dam, 472807.	7 dams-------	22	8,059	4.5	360
Used in Vernon Co. Co-op. A. B. A.	Difference---	(4-5-4)	-48	+.3	+21
C. F.'S WESTMINSTER 330448----------	7 daughters--	8	9,996	5.3	525
Born, 7-21-42; proved, 6-22-49;----; Md.	7 dams-------	23	8,924	5.0	448
Sire, 283105; dam, 539190.	Difference---	(5-5-5)	+1,072	+.3	+77
Herd Owner, Earl D. Beard, Westminster.					
CHICONA CHALDEAN 310184----------	7 daughters--	8	9,205	5.6	511
Born, 5-31-41; proved, 6-7-49; dead; Wash.	6 daughters--	7	9,292	5.6	524
Sire, 231075; dam, 548457.	6 dams-------	15	8,599	5.2	449
Herd Owner, Boynton Dodge & Sons, Ellensburg.	Difference---	(3-4-4)	+693	+.4	+75
CHICONA NYM 301133----------	6 daughters--	12	7,951	4.9	387
Born, 12-25-40; proved, 6-2-49; dead; Wash.	6 dams-------	30	7,223	4.7	342
Sire, 194943; dam, 204140.	Difference---	(5-5-4)	+728	+.2	+45
Herd Owner, Scudder Ranch, Yakima.					
CLEAR SPRINGS' GALLANT 307434----------	12 daughters-	13	9,071	4.6	414
Born, 6-23-41; proved, 6-17-49;----; Md.	7 daughters--	7	9,486	4.6	432
Sire, 266250; dam, 483095.	7 dams-------	8	12,304	4.2	513
Herd Owner, R. H. Mercer, Ellicott City.	Difference---	(2-4-3)	-2,818	+.4	-81
CLERMONT JACQUELIN'S KING 333079----------	6 daughters--	7	6,540	4.8	315
Born, 2-21-43; proved, 6-1-49; alive; Iowa.	6 dams-------	32	7,991	4.7	372
Sire, 284597; dam, 446808.	Difference---	(2-5-2)	-1,451	+.1	-57
Herd Owner, Will Oelrich & Son, Lamont.					

GUERNSEY SIRES	Animals	Records [illegible]	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CLOVERLAND STALWART SQUIRE 312474----------	8 daughters--	11	7,879	5.0	395
Born, 1-6-42; proved, 6-17-49;----; Mich.	7 daughters--	9	7,883	4.9	386
Sire, 262002; dam, 505263.	7 dams-------	11	8,523	4.9	416
Herd Owner, John Porkka, Atlantic Mine.	Difference---	(3-4-3)	-640	.0	-30
CORIUM MARIE'S DICTATOR 293474----------	7 daughters--	15	7,661	5.0	383
Born, 11-18-39; proved, 6-16-49;----; Wis.	6 daughters--	12	7,828	5.1	396
Sire, 253979; dam, 542931.	6 dams-------	20	8,693	5.4	470
Used in Polk Co. Co-op. A. B. A.	Difference---	(0-1-0)	-865	-.3	-74
DOUGLASTON BARON BURTON 321471----------	6 daughters--	6	8,340	5.0	415
Born, 6-17-42; proved, 6-1-49;----; Wash.	5 daughters--	5	8,327	5.0	418
Sire, 226719; dam, 498841.	5 dams-------	17	9,870	4.6	455
Herd Owner, O. C. Spencer, Cle Elum.	Difference---	(1-5-2)	-1,543	+.4	-37
EVELINA'S SONNY BOY 334227----------	6 daughters--	6	8,250	4.8	395
Born, 5-4-42; proved, 6-15-49;----; Wash.	6 dams-------	6	8,563	4.7	402
Sire, 278973; dam, 645888.	Difference---	(2-4-3)	-313	+.1	-7
Herd Owner, T. C. Danell, Dabob.					
FARETTI'S FARM ETTA'S VICTOR 279361----------	22 daughters-	37	8,643	4.8	418
Born, 5-25-39; proved, 6-6-49;----; Calif.	21 daughters-	35	8,681	4.8	421
Sire, 222270; dam, 439146.	21 dams------	71	9,305	4.6	431
Herd Owner, W. M. Breazeale, Modesto.	Difference---	(5-16-8)	-624	+.2	-10
FELIX OF SCOTTLAND 319315----------	7 daughters--	8	5,515	4.6	256
Born, 3-29-42; proved, 6-1-49;----; Pa.	7 dams-------	24	5,917	4.7	279
Sire, 296005; dam, 506701.	Difference---	(3-4-3)	-402	-.1	-23
Herd Owner, James C. Wilson, Rea.					
FERN'S HERO OF MEADOWBROOK 304027----------	16 daughters-	22	10,288	4.6	472
Born, 5-29-41; proved, 6-16-49;----; Pa.	16 dams------	65	8,881	5.2	465
Sire, 269845; dam, 462329.	Difference---	(14-2-8)	+1,407	-.6	+7
Herd Owner, E. H. De Vilder, Miola.					
FINCHLEY MANOR CHIEFTAIN 366030----------	7 daughters--	9	7,139	5.0	354
Born, 8-18-42; proved, 6-1-49;----; Wis.	7 dams-------	29	8,472	4.6	387
Sire, 309435; dam, 479311.	Difference---	(2-6-3)	-1,333	+.4	-33
Herd Owner, David Owen, Mukwonago.					
FOREMOST COMMAND 318786----------	8 daughters--	10	7,034	5.0	355
Born, 2-25-42; proved, 6-1-49;----; Mass.	8 dams-------	28	7,478	5.2	388
Sire, 254678; dam, 346293.	Difference---	(3-3-3)	-444	-.2	-33
Herd Owner, Sheldegren Farm, Greenfield.					
FOREMOST FREEMAN 301358----------	7 daughters--	10	7,377	4.3	317
Born, 11-3-40; proved, 6-15-49;----; Maine.	5 daughters--	8	7,093	4.3	307
Sire, 254678; dam, 607812.	5 dams-------	14	7,694	4.8	366
Herd Owner, Floyd R. Pickard & Sons, Bangor.	Difference---	(0-1-1)	-601	-.5	-59
FOREST HILLS FARM MAXIM 306380----------	9 daughters--	12	[illegible]	5.0	[illegible]
Born, 4-26-41; proved, 6-2-49; dead; N. C.	6 daughters--	8	[illegible]	[illegible]	362
Sire, 263420; dam, 590782.	6 dams-------	12	6,411	[illegible]	[illegible]
Herd Owner, R. Edward Lasater, Clemmons.	Difference---	(3-5-3)	+704	+.3	[illegible]
FOX'S BENEFACTOR OF WAUKESHA 320595----------	7 daughters--	[illegible]	[illegible]	5.1	[illegible]
Born, 3-4-42; proved, 6-8-49;----; Wis.	7 dams-------	[illegible]	9,165	5.1	
Sire, 296007; dam, 424683.	Difference---	[illegible]	-2,071	[illegible]	[illegible]
Herd Owner, Benjamin Weinstein, Knapp.					
FRIENDSHIP RENOWN MARTIN 331261----------	6 daughters--	[illegible]	7,838	4.8	
Born, 6-11-42; proved, 6-[illegible]-49;----; Pa.	[illegible] dams-------	[illegible]	7,896	4.7	
Sire, 284533; dam, 373578.	Difference---	[illegible]		[illegible]	
Herd Owner, Clair H. Witmer, Willow Street.					
GAYLORD'S SQUIRE'S HERITAGE 331114----------	6 daughters--	[illegible]	8,205	4.8	[illegible]
Born, 12-10-42; proved, 6-21-49;----; Wis.	6 dams-------	22	[illegible]	[illegible]	[illegible]
Sire, 216866; dam, 686756.	Difference---	[illegible]	[illegible]	+.1	[illegible]
Herd Owner, V. K. Sherburne, Rusk.					
GENERAL MACARTHUR OF BEACONDALE 346560----------	10 daughters-	11	[illegible]	[illegible]	[illegible]
Born, 2-1-42; proved, 6-1-49;----; Va.	6 daughters--	6	[illegible]	4.6	[illegible]
Sire, 225916; dam, 303508.	6 dams-------	11	8,637	[illegible]	[illegible]
Herd Owner, Philip W. Murray, Morrison.	Difference---	(1-3-1)	-1,791	+.2	[illegible]
GLENBURNIE HARO 300297 *(Aug. 1948)----------	13 daughters-	16	[illegible]	[illegible]	466
Born, 4-3-40; proved, 6-20-49; alive; N. J.	12 daughters-	15	9,692	[illegible]	[illegible]
Sire, 262087; dam, 482278.	12 dams------	48	[illegible]	4.9	[illegible]
Herd Owner, T. P. Reed & Son, Pennington.	Difference---	(7-7-8)	+728	.0	+39
GOLDDROP'S IDOL 313377----------	6 daughters--	9	7,038	4.7	[illegible]
Born, 11-11-41; proved, 6-16-49;----; Minn.	5 daughters--	7	[illegible]	4.8	[illegible]
Sire, 267859; dam, 630666.	5 dams-------	9	7,196	[illegible]	325
Used in North Minnesota A. B. A.	Difference---	(1-4-2)	+160	+.3	+24

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GRAIN MEADOW WARRIOR 262884	7 daughters--	7	6,888	4.8	330
Born, 1-12-38; proved, 6-8-49;----; Ind.	5 daughters--	5	7,097	4.7	331
Sire, 234935; dam, 411293.	5 dams-------	6	6,559	4.4	290
Herd Owner, Gail Corbin, Connersville.	Difference---	(3-2-3)	+538	+.3	+41
GREENFIELD TEDDY 280784	8 daughters--	11	7,806	5.1	394
Born, 11-23-39; proved, 6-8-49;----; Pa.	5 daughters--	7	7,998	5.0	400
Sire, 179309; dam, 452146.	5 dams-------	10	7,249	5.1	364
Herd Owner, John B. Gehman, Barto.	Difference---	(4-3-4)	+749	-.1	+36
GRENFEL BUTTERFAT GLENWOOD 325484	7 daughters--	8	7,636	4.8	364
Born, 1-15-42; proved, 6-7-49;----; Wis.	7 dams-------	15	7,875	4.6	362
Sire, 229809; dam, 339936.	Difference---	(3-5-3)	-239	+.2	+2
Herd Owner, Frank M. Gorham, Camp Douglas.					
GUERNSEY GROVE HOLLESS 311305	11 daughters-	12	6,925	5.2	360
Born, 8-10-41; proved, 6-22-49;----; Wis.	10 daughters-	11	6,774	5.3	356
Sire, 256064; dam, 601598.	10 dams------	26	7,652	4.8	368
Herd Owner, Orlin P. Craig, Mukwonago.	Difference---	(2-9-4)	-878	+.5	-12
HIGHLAND PLACE GOLDEN CHERUB 291563	5 daughters--	8	8,139	5.0	405
Born, 3-9-40; proved, 6-1-49; dead; Iowa.	5 dams-------	17	9,510	4.8	452
Sire, 220948; dam, 187282.	Difference---	(2-3-2)	-1,371	+.2	-47
Herd Owner, William P. Gannon & Son, Valeria.					
HOMEACRES ULTRA PRIDE 311021	6 daughters--	9	8,553	4.9	415
Born, 12-20-41; proved, 6-7-49;----; Wis.	6 dams-------	33	8,795	3.9	345
Sire, 267896; dam, 551896.	Difference---	(3-6-6)	-242	+1.0	+70
Herd Owner, Winkler Brothers, Burlington.					
HOMESTEAD KING SELECT 331372	9 daughters--	11	6,185	5.2	322
Born, 5-12-41; proved, 6-1-49; dead; Wis.	7 daughters--	8	6,173	5.1	316
Sire, 289285; dam, 586498.	7 dams-------	14	6,872	4.8	330
Herd Owner, Jamison Brothers, Appleton.	Difference---	(3-6-3)	-699	+.3	-14
HORSE SHOE KING'S MARSHAL 304662	10 daughters-	13	9,236	4.8	440
Born, 3-7-41; proved, 6-7-49;----; Conn.	8 daughters--	10	9,414	4.8	454
Sire, 205129; dam, 466640.	8 dams-------	32	7,183	4.9	348
Herd Owner, Stone Acres Farm, Inc., Stonington.	Difference---	(6-4-5)	+2,231	-.1	+106
JULIA'S COMET 295609 *(July 1948)	12 daughters-	19	8,571	5.0	428
Born, 12-30-40; proved, 6-28-49; dead; Minn.	8 daughters--	12	8,195	5.0	412
Sire, 270293; dam, 544258.	8 dams-------	13	7,016	5.0	351
Herd Owner, Willard S. Ness, Glenville.	Difference---	(4-4-5)	+1,179	.0	+61
KENFLEUR'S PRINCE MARC 327206	8 daughters--	11	9,350	4.3	399
Born, 4-30-42; proved, 6-8-49;----; Wis.	8 dams-------	28	8,766	4.7	408
Sire, 269363; dam, 527109.	Difference---	(6-2-5)	+584	-.4	-9
Herd Owner, Mutz Brothers, Trevor.					
KING JO OF LEAHAVEN 337934	12 daughters-	14	6,230	4.8	302
Born, 2-18-42; proved, 6-17-49;----; Wis.	7 daughters--	8	6,406	4.7	299
Sire, 263634; dam, 572363.	7 dams-------	23	7,670	4.5	349
Herd Owner, Charles J. Luebke, Manitowoc.	Difference---	(2-7-2)	-1,264	+.2	-50
KITCHENER SPORTSMAN 343021	9 daughters--	9	7,947	4.9	390
Born, 8-10-43; proved, 6-7-49; dead; Wis.	7 daughters--	7	7,645	4.9	375
Sire, 293920; dam, 462358.	7 dams-------	17	5,879	5.1	299
Herd Owner, Arthur P. Bean, Vesper.	Difference---	(7-2-7)	+1,766	-.2	+76
KLONDIKE KEMLOCK 310279	8 daughters--	10	7,984	4.8	381
Born, 9-2-41; proved, 6-29-49; dead; Va.	8 dams-------	28	8,435	4.5	381
Sire, 193529; dam, 283685.	Difference---	(3-6-4)	-451	+.3	0
Herd Owner, W. M. Garst, Roanoke.					
KORONIS HILLS VAGABOND 382378	5 daughters--	5	8,923	4.9	434
Born, 2-15-43; proved, 6-6-49; dead; Minn.	5 dams-------	21	7,514	4.7	351
Sire, 286196; dam, 312392.	Difference---	(4-4-4)	+1,409	+.2	+83
Herd Owner, George Klatte, Kimball.					
L. D. PARK LANE 338671	5 daughters--	5	6,798	5.5	374
Born, 5-14-43; proved, 6-2-49; dead; Iowa.	5 dams-------	12	6,016	5.4	327
Sire, 238654; dam, 536540.	Difference---	(4-3-4)	+782	+.1	+47
Herd Owner, Roy Crawford, Jesup.					
LLANGOLLEN SKYLARK 308052	7 daughters--	8	7,105	5.2	372
Born, 8-15-40; proved, 6-21-49;----; Va.	7 dams-------	8	7,814	4.8	377
Sire, 227024; dam, 394672.	Difference---	(2-6-3)	-709	+.4	-5
Herd Owner, Llangallen Farm, Upperville.					
MANOR IROQUOIS 325279	7 daughters--	9	8,255	4.8	394
Born, 5-3-42; proved, 6-1-49; dead; Md.	5 daughters--	6	7,653	4.9	376
Sire, 174190; dam, 387328.	5 dams-------	14	7,549	5.1	383
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(3-2-3)	+104	-.2	-7

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MAPLEVALE E. PRINCE 331692----------	6 daughters--	7	7,219	5.0	363
Born, 10-16-41; proved, 6-2-49;----; Pa.	6 dams-------	17	7,556	4.9	370
Sire, 259203; dam, 331429.	Difference---	(4-4-4)	-337	+.1	-7
Herd Owner, Grayce Farms, Dalton.					
MARCO OF TAMARACK RIDGE 314183----------	11 daughters-	11	9,036	4.9	444
Born, 3-4-42; proved, 6-6-49;----; Mich.	7 daughters--	7	9,014	4.9	445
Sire, 274646; dam, 618271.	7 dams-------	13	8,528	5.1	434
Herd Owner, William Robert & Fred J. Garrod, Lawrence.	Difference---	(5-1-5)	+486	-.2	+11
MA-RU MEADOW'S ATHENO 331438----------	7 daughters--	11	8,098	4.9	395
Born, 4-4-39; proved, 6-1-49;----; Mich.	6 daughters--	9	8,079	4.8	387
Sire, 242337; dam, 441747.	6 dams-------	17	8,242	4.4	364
Herd Owner, Rudy Herklotz, Lapeer.	Difference---	(3-4-4)	-163	+.4	+23
MCCULLOUGH'S ROYAL ULTRA 310526----------	10 daughters-	16	8,364	4.5	374
Born, 2-20-40; proved, 6-22-49;----; Pa.	8 daughters--	12	8,383	4.5	374
Sire, 270930; dam, 297335.	8 dams-------	22	8,193	4.5	367
Herd Owner, Donald T. McCullough, Newville.	Difference---	(3-3-2)	+190	.0	+7
MCDONALD FARMS GLADIATOR 313070----------	7 daughters--	8	8,861	5.6	497
Born, 9-13-41; proved, 6-30-49;----; Pa.	5 daughters--	6	9,077	5.6	509
Sire, 212227; dam, 414230.	5 dams-------	16	9,877	4.8	478
Herd Owner, Sterling Farm, Alderson.	Difference---	(2-5-3)	-800	+.8	+31
MCDONALD FARMS GLENREGAL 321825----------	7 daughters--	7	9,665	4.3	418
Born, 11-16-41; proved, 6-2-49; alive; Wis.	7 dams-------	18	7,453	4.7	347
Sire, 262516; dam, 596313.	Difference---	(6-2-6)	+2,212	-.4	+71
Herd Owner, J. Frank Bradley & Son, Franksville.					
MCDONALD FARMS HUNTSMAN 331792----------	13 daughters-	14	7,517	4.9	368
Born, 9-17-42; proved, 6-7-49; alive; N. Y.	10 daughters-	10	7,970	5.0	396
Sire, 256616; dam, 442177.	10 dams------	24	8,119	4.5	364
Herd Owner, Arthur Merle & Sons, Attica.	Difference---	(5-9-6)	-149	+.5	+32
MEADOW LODGE KING'S RAIDER 293627----------	9 daughters--	13	8,282	4.8	398
Born, 10-24-40; proved, 6-2-49;----; Ind.	5 daughters--	8	8,614	4.9	425
Sire, 196128; dam, 515614.	5 dams-------	10	8,398	4.9	416
Herd Owner, C. A. Roush, Huntington.	Difference---	(3-4-2)	+216	.0	+9
MENTOR FARMS CONSERVATIVE 286715----------	7 daughters--	7	7,569	4.8	360
Born, 10-21-37; proved, 6-17-49; dead; S. Dak.	6 daughters--	6	7,604	4.6	353
Sire, 219629; dam, 422317.	6 dams-------	12	8,010	4.6	369
Herd Owner, Mentor Farms, Volga.	Difference---	(2-2-3)	-406	.0	-16
MIDNIGHT RUSTLER OF THE GLEN 301200----------	6 daughters--	7	7,542	5.2	396
Born, 4-9-41; proved, 6-15-49;----; Vt.	5 daughters--	6	7,752	5.3	409
Sire, 275819; dam, 491964.	5 dams-------	34	7,920	5.1	402
Herd Owner, A. R. Moody & Sons, Jacksonville.	Difference---	(2-4-3)	-168	+.2	+7
MONARCH'S MIDNIGHT'S DAIRYBOY 328249----------	8 daughters--	10	8,744	4.8	419
Born, 8-13-42; proved, 6-7-49;----; Wis.	5 daughters--	7	8,603	4.9	424
Sire, 268934; dam, 576803.	5 dams-------	8	7,910	5.1	403
Herd Owner, Elmer Federwitz, Chilton.	Difference---	(4-1-3)	+693	-.2	+21
MONARCH'S PROUD DUKE 283199----------	9 daughters--	12	6,503	5.5	357
Born, 10-2-38; proved, 6-8-49;----; Wis.	5 daughters--	8	6,292	5.5	349
Sire, 265306; dam, 565998.	5 dams-------	9	7,287	5.4	391
Herd Owner, Ray R. Schwartz & Sons, Troy Center.	Difference---	(2-5-1)	-995	+.1	-42
MOUND CITY MIRON 306624----------	7 daughters--	10	7,915	5.1	401
Born, 4-20-41; proved, 6-23-49;----; Wis.	7 dams-------	28	7,432	4.8	356
Sire, 290315; dam, 381182.	Difference---	(4-6-7)	+483	+.3	+45
Herd Owner, H. O. Roberts, Arena.					
MOUND CITY RAIDER 315550----------	11 daughters-	11	5,573	4.7	260
Born, 6-26-41; proved, 6-30-49;----; Wis.	7 daughters--	7	5,099	4.6	237
Sire, 290315; dam, 616342.	7 dams-------	11	6,121	4.9	300
Herd Owner, Carter Dietzman, Highland.	Difference---	(3-2-2)	-1,022	-.3	-63
MOUNTAIN VIEW ROYAL MAJOR 320741----------	6 daughters--	6	6,973	4.7	330
Born, 2-15-42; proved, 6-1-49; dead; Pa.	5 daughters--	5	6,578	4.7	307
Sire, 275730; dam, 497173.	5 dams-------	5	8,146	4.8	392
Herd Owner, Liston Wright, Canton.	Difference---	(1-2-1)	-1,568	-.1	-85
MT. ARARAT'S CHALLENGER'S ACE 298330 *(Dec. 1948)----------	12 daughters-	15	9,099	5.4	490
Born, 2-18-41; proved, 6-17-49; dead; Md.	10 daughters-	13	9,062	5.5	496
Sire, 214064; dam, 438456.	10 dams------	36	8,164	5.3	429
Herd Owner, Lloyd Balderston III, Colora.	Difference---	(6-8-7)	+898	+.2	+67
NELAN'S CRESCENT'S ROYAL 331837----------	5 daughters--	7	6,773	5.0	337
Born, 10-4-42; proved, 6-21-49;----; W. Va.	5 dams-------	14	6,894	4.9	338
Sire, 278988; dam, 576835.	Difference---	(2-3-2)	-121	+.1	-1
Herd Owner, William H. Hutchison & Son, West Alexander, Pa.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NICKEL PLATE EMBLEM 310842----------	5 daughters--	7	8,579	5.1	438
Born, 8-6-41; proved, 6-29-49;----; Ohio.	5 dams-------	12	7,700	4.3	331
Sire, 280595; dam, 364648.	Difference---	(3-5-5)	+879	+.8	+107
Herd Owner, Harva A. Goodman, Lima.					
NORGERTS BRAVE BOY 318608----------	9 daughters--	10	9,074	4.8	432
Born, 2-24-42; proved, 6-30-49;----; Ill.	8 daughters--	9	9,010	4.8	432
Sire, 214348; dam, 618824.	8 dams-------	27	7,836	4.9	381
Herd Owner, Rolling Acres Farm, Elgin.	Difference---	(5-4-5)	+1,174	-.1	+51
NORTHERNER'S LAD 296880 *(Dec. 1948)----------	9 daughters--	11	7,293	5.1	374
Born, 2-4-41; proved, 6-17-49; dead, N. J.	9 dams-------	15	6,236	4.8	298
Sire, 243819; dam, 415212.	Difference---	(7-7-7)	+1,057	+.3	+76
Herd Owner, Fred A. Atterburg, High Bridge.					
OLD FARMSTEAD LEO 296793 *12----------	13 daughters-	19	7,673	4.7	364
Born, 8-31-40; proved, 6-20-49; dead; Iowa.	13 dams------	81	7,579	4.7	356
Sire, 270075; dam, 473587.	Difference---	(6-8-6)	+94	.0	+8
Herd Owner, Will Oelrich & Son, Lamont.					
ORCHARD LAWN'S DAVID 260041----------	6 daughters--	8	8,958	5.1	454
Born, 3-25-38; proved, 6-1-49;----; Ind.	6 dams-------	7	8,843	5.4	479
Sire, 209203; dam, 418741.	Difference---	(3-2-3)	+115	-.3	-25
Herd Owner, Lee Dawson & Sons, Logansport.					
PEONIE'S ROSE KING 312830----------	8 daughters--	9	6,263	5.1	319
Born, 10-15-40; proved, 6-3-49; alive; Wis.	7 daughters--	8	6,428	5.1	328
Sire, 276283; dam, 397901.	7 dams-------	27	7,582	4.7	358
Herd Owner, Emory Meltz, Appleton.	Difference---	(1-5-2)	-1,154	+.4	-30
PET MAY'S BIG BEN 303525----------	6 daughters--	9	8,130	4.9	396
Born, 3-14-40; proved, 6-2-49;----; Wis.	5 daughters--	8	7,954	5.0	395
Sire, 265237; dam, 441179.	5 dams-------	12	7,013	4.8	339
Herd Owner, William Wulff, West Bend.	Difference---	(4-4-4)	+941	+.2	+56
PHILLIPS F. PEER 330903----------	10 daughters-	12	7,488	4.6	343
Born, 10-21-42; proved, 6-15-49; dead; W. Va.	9 daughters--	11	7,625	4.6	348
Sire, 267358; dam, 517274.	9 dams-------	20	7,289	4.8	347
Herd Owner, Quincy Dairy Co., Quincy.	Difference---	(4-4-5)	+336	-.2	+1
PILOT'S RANDOLPH OF FAHRNWALD 319371----------	8 daughters--	10	6,500	4.7	306
Born, 10-2-38; proved, 6-7-49;----; Wis.	6 daughters--	8	6,247	4.8	299
Sire, 226680; dam, 439217.	6 dams-------	17	8,869	4.7	414
Herd Owner, Fahrnwald Farm, Oshkosh.	Difference---	(0-4-0)	-2,622	+.1	-115
PINE MANOR KING'S MERCURY 333513----------	6 daughters--	6	8,915	5.1	454
Born, 6-7-42; proved, 6-17-49;----; Ind.	6 dams-------	33	7,794	5.4	417
Sire, 250949; dam, 369593.	Difference---	(4-1-4)	+1,121	-.3	+37
Herd Owner, Scott Kirkpatrick & Sons, Muncie.					
PINE MANOR LINNET 343517----------	5 daughters--	5	9,145	4.7	428
Born, 5-23-43; proved, 6-1-49;----; Ind.	5 dams-------	16	9,038	4.8	434
Sire, 220214; dam, 351418.	Difference---	(2-2-2)	+107	-.1	-6
Herd Owner, Claude L. Manges, Union City.					
PINE MANOR THOR 303129----------	9 daughters--	13	10,133	5.0	503
Born, 4-5-41; proved, 6-6-49;----; Ind.	7 daughters--	10	9,497	4.9	469
Sire, 222607; dam, 303089.	7 dams-------	14	8,122	4.9	398
Herd Owner, John B. Goodrich, Winchester.	Difference---	(5-4-3)	+1,375	.0	+71
PINE MANOR TROUBADOR 314131----------	7 daughters--	11	7,577	4.7	357
Born, 8-31-41; proved, 6-2-49; dead; Ohio.	7 dams-------	24	7,663	4.6	354
Sire, 222607; dam, 305759	Difference---	(4-6-4)	-86	+.1	+3
Herd Owner, Walter F. Renz, Lima.					
PLAYHAVEN'S Y. PLYMOUTH 290609----------	9 daughters--	14	8,199	5.0	406
Born, 7-31-39; proved, 6-8-49;----; Wis.	6 daughters--	9	8,402	4.9	412
Sire, 222777; dam, 413158.	6 dams-------	22	7,937	5.0	397
Herd Owner, Hoard's Dairyman Farm, Ft. Atkinson.	Difference---	(4-3-3)	+465	-.1	+15
PRINCE MONARCH OF MONROE 337828----------	6 daughters--	7	8,175	4.8	393
Born, 11-20-42; proved, 6-2-49;----; Wis.	5 daughters--	6	7,982	4.9	388
Sire, 216079; dam, 473657.	5 dams-------	19	7,981	4.7	371
Herd Owner, Leo Kowitz, Norwalk.	Difference---	(3-4-3)	+1	+.2	+17
QUAIL ROOST PRIM MAXIM 336646----------	12 daughters-	13	7,348	5.0	366
Born, 2-22-43; proved, 6-1-49;----; Ind.	11 daughters-	11	7,319	5.0	363
Sire, 216634; dam, 599467.	11 dams------	28	7,473	4.8	358
Herd Owner, Rea Riggins & Sons, Inc., Muncie.	Difference---	(5-8-5)	-154	+.2	+5
QUARRY VALLEY PRINCE HOLLIVAL 323055----------	6 daughters--	13	8,000	5.1	407
Born, 5-16-40; proved, 6-29-49;----; Pa.	5 daughters--	11	8,202	5.2	42[illegible]
Sire, 262614; dam, 558195.	5 dams-------	24	9,504	4.8	454
Herd Owner, W. C. Clark, Lahaska.	Difference---	(0-4-1)	-1,302	+.4	-[illegible]1

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
QUINCY BRIGHT MASTER 302477 *(Aug. 1948)----------	20 daughters-	28	8,324	5.2	430
Born, 7-16-40; proved, 6-23-49; dead; W. Va.	18 daughters-	26	8,403	5.2	437
Sire, 243818; dam, 539472.	18 dams------	85	7,771	5.0	390
Herd Owner, Cronin & Hall, Jane Lew.	Difference---	(13-12-14)	+632	+.2	+47
REX GOLDEN LAD OF COWHAM FARM 329178----------	8 daughters--	10	7,491	5.0	374
Born, 10-14-42; proved, 6-16-49;----; Mich.	6 daughters--	8	7,580	5.0	379
Sire, 230249; dam, 475564.	6 dams-------	15	7,573	5.1	389
Herd Owner, Edwin J. Mills & Son, Lakeview.	Difference---	(2-3-3)	+7	-.1	-10
RITZLYN FARM BANDMASTER 319068----------	6 daughters--	6	7,077	4.4	312
Born, 3-17-42; proved, 6-1-49; dead; Iowa.	6 dams-------	25	7,558	4.6	346
Sire, 267938; dam, 631320.	Difference---	(3-3-2)	-481	-.2	-34
Herd Owner, Henry Frier, Reinbeck.					
ROBIN OF JEROME 266891----------	8 daughters--	9	8,283	4.8	398
Born, 12-12-37; proved, 6-17-49;----; Wis.	8 dams-------	29	6,991	4.8	334
Sire, 254191; dam, 517377.	Difference---	(6-4-6)	+1,292	.0	+64
Herd Owner, Max Klotz, Sheldon.					
ROCK CREEK PHARAOH 317001----------	13 daughters-	16	9,657	4.4	428
Born, 4-25-42; proved, 6-7-49;----; Ill.	6 daughters--	6	8,908	4.5	397
Sire, 212818; dam, 591452.	6 dams-------	7	8,911	4.4	393
Herd Owner, Walter Baumgartner, Walnut.	Difference---	(3-3-3)	-3	+.1	+4
ROSEWALD ROYAL BLEND 294937----------	12 daughters-	20	8,213	4.6	377
Born, 12-19-40; proved, 6-10-49;----; N. H.	9 daughters--	15	8,699	4.6	400
Sire, 212939; dam, 606958.	9 dams-------	27	8,698	4.8	417
Herd Owner, Floyd Wilson, Henniker.	Difference---	(4-3-3)	+1	-.2	-17
ROYAL'S ECLIPSE OF EDGE MOUNT 281258----------	7 daughters--	13	9,196	4.4	404
Born, 11-23-39; proved, 6-28-49;----; Pa.	6 daughters--	11	9,070	4.3	393
Sire, 199617; dam, 393221.	6 dams-------	14	7,225	4.5	322
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(5-2-5)	+1,845	-.2	+71
RUBY'S PRINCE VALIANT 322281----------	5 daughters--	5	7,247	4.6	332
Born, 3-26-42; proved, 6-1-49; dead; N. J.	5 dams-------	20	5,917	4.9	291
Sire, 239451; dam, 332685.	Difference---	(3-2-3)	+1,330	-.3	+41
Herd Owner, George H. Preidel, Bordentown					
ST. ALBANS VALIANT VIGOR 313752----------	7 daughters--	9	9,217	4.9	449
Born, 11-10-41; proved, 6-8-49;----; Tex.	6 daughters--	8	8,970	4.9	437
Sire, 200316; dam, 594595.	6 dams-------	11	6,921	5.3	364
Herd Owner, L. H. Smokler, Dallas.	Difference---	(5-0-5)	+2,049	-.4	+73
SHEPPARD FARM'S SENATOR 364599----------	8 daughters--	8	6,129	5.0	307
Born, 6-19-41; proved, 6-1-49; alive; Va.	7 daughters--	7	6,051	5.0	304
Sire, 250939; dam, 224266.	7 dams-------	8	6,050	5.2	315
Herd Owner, W. R. & F. C. Reams, Amelia.	Difference---	(3-4-3)	+1	-.2	-11
SILVER HILL'S ARISTOCRAT 310166----------	7 daughters--	8	10,070	5.2	521
Born, 4-25-41; proved, 6-28-49;----; Mich.	5 daughters--	6	10,351	5.1	529
Sire, 250949; dam, 412332.	5 dams-------	11	8,088	4.9	398
Herd Owner, Paul Wiener, Mears.	Difference---	(4-3-5)	+2,263	+.2	+131
STATESMAN'S GOLDEN KING 328218----------	9 daughters--	9	5,755	5.2	299
Born, 8-16-42; proved, 6-1-49;----; Wis.	8 daughters--	8	5,682	5.2	296
Sire, 285845; dam, 605168.	8 dams-------	26	6,788	4.8	329
Herd Owner, Otis A. Marken & Son, Valders.	Difference---	(2-6-3)	-1,106	+.4	-33
SUNBEAM'S PRINCE OF H. Y. 269065----------	5 daughters--	8	6,500	4.9	317
Born, 12-18-38; proved, 6-29-49;----; Va.	5 dams-------	7	5,235	4.6	241
Sire, 163182; dam, 433848.	Difference---	(5-4-5)	+1,265	+.3	+76
Herd Owner, T. O. Tench, Lyndhurst.					
SUPERB'S HERO OF GREENWAY 267980----------	7 daughters--	14	6,962	4.8	332
Born, 9-4-38; proved, 6-3-49;----; Conn.	6 daughters--	13	7,212	4.8	345
Sire, 231112; dam, 258554.	6 dams-------	22	7,455	5.0	369
Herd Owner, Rudolph Ballek, East Haddam.	Difference---	(2-2-1)	-243	-.2	-24
SYLVANITE MOSES 292302----------	8 daughters--	9	7,854	4.7	371
Born, 7-8-40; proved, 6-17-49;----; Wis.	7 daughters--	8	8,198	4.7	389
Sire, 229837; dam, 350466.	7 dams-------	25	8,268	4.9	406
Herd Owner, Charles Bruhn & Hickcox, Spring Green.	Difference---	(3-3-3)	-70	-.2	-17
TARBELL FARMS MERRY DANIEL 328730----------	9 daughters--	10	6,208	4.8	301
Born, 4-2-42; proved, 6-1-49; dead; N. Y.	9 dams-------	21	5,806	4.9	282
Sire, 224778; dam, 391563.	Difference---	(7-6-6)	+402	-.1	+19
Herd Owner, Elmer Pfaffenbach, Schenectady.					
TILLYBARDIN PRIDE'S PRESIDENT 312033----------	8 daughters--	12	6,629	5.0	334
Born, 1-18-42; proved, 6-30-49;----; Minn.	5 daughters--	8	6,631	5.1	340
Sire, 212903; dam, 398457.	5 dams-------	28	5,508	5.2	285
Herd Owner, Everett W. Freiheit, Zumbro Falls.	Difference---	(3-1-3)	+1,123	-.1	+55

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
URSULA'S AFRICANDER 255212----------	6 daughters--	13	5,929	4.6	271
Born, 7-18-37; proved, 6-17-49;----; Mich.	5 daughters--	11	6,119	4.6	282
Sire, 230677; dam, 395778.	5 dams-------	14	6,420	4.5	292
Herd Owner, Myron S. Kennedy, Orleans.	Difference---	(3-3-2)	-301	+.1	-10
VALOR'S A. VALOR 282499----------	5 daughters--	9	7,688	4.8	368
Born, 8-21-39; proved, 6-1-49;----; Ind.	5 dams-------	23	8,332	4.7	388
Sire, 249423; dam, 363913.	Difference---	(1-3-1)	-644	+.1	-20
Herd Owner, Peter B. Lehman, Decatur.					
VANCE OF MYERSMEAD 302255----------	7 daughters--	11	8,332	5.4	450
Born, 11-13-40; proved, 6-15-49;----; Ind.	6 daughters--	10	8,192	5.3	434
Sire, 267523; dam, 641820.	6 dams-------	18	8,007	5.3	420
Herd Owner, F. R. & E. S. Hahn, Bremen.	Difference---	(3-4-5)	+185	.0	+14
WAKEFIELD YEOMAN'S PRINCE 279893----------	6 daughters--	7	9,256	5.1	470
Born, 5-8-39; proved, 6-21-49;----; N. C.	5 daughters--	6	9,232	5.1	469
Sire, 250910; dam, 396155.	5 dams-------	5	8,597	4.9	423
Herd Owner, George Watts Hill, Wake Forest.	Difference---	(2-3-3)	+635	+.2	+46
WANDAMERE ADVANCE 301818----------	18 daughters-	18	8,109	4.5	363
Born, 3-12-41; proved, 6-2-49; dead; Oreg.	5 daughters--	5	9,000	4.4	399
Sire, 298155; dam, 481547.	5 dams-------	5	9,625	3.8	366
Herd Owner, Van Well Brothers, Dallas.	Difference---	(1-4-3)	-625	+.6	+33
WEALWOOD JOHNNY 304188 *12----------	13 daughters-	29	9,456	4.8	450
Born, 9-1-40; proved, 6-20-49;----; Pa.	13 dams------	74	8,799	5.0	444
Sire, 251255; dam, 556804.	Difference---	(8-3-8)	+657	-.2	+6
Herd Owner, Wealwood Farm, Landenberg.					
WESTERN GLOW BRAVERY 329381----------	7 daughters--	8	12,059	4.8	578
Born, 3-31-42; proved, 6-1-49;----; Wash.	7 dams-------	17	10,246	4.7	484
Sire, 274206; dam, 418827.	Difference---	(5-5-6)	+1,813	+.1	+94
Herd Owner, W. A. Olson & Son, Mt. Vernon.					
WESTMONT IMPROVER 227255----------	16 daughters-	51	7,330	4.6	334
Born, 4-10-35; proved, 6-30-49;----; Pa.	14 daughters-	45	7,142	4.5	321
Sire, 146815; dam, 292081.	14 dams------	55	7,275	4.6	336
Herd Owner, Nellie I. Winter, Lewisburg.	Difference---	(9-5-7)	-133	-.1	-15
WEY ACRES INA'S CHALLENGER 334001----------	10 daughters-	10	8,067	4.7	382
Born, 1-11-43; proved, 6-15-49;----; Wis.	7 daughters--	7	8,864	4.6	408
Sire, 309754; dam, 649071.	7 dams-------	10	7,614	4.4	332
Herd Owner, S. A. Weyenberg, Hartland.	Difference---	(6-6-6)	+1,250	+.2	+76
WEY ACRES LOTREE'S GRANDEE 267621----------	21 daughters-	40	7,931	4.6	365
Born, 10-29-38; proved, 6-22-49;----; Wis.	11 daughters-	22	7,309	4.6	335
Sire, 227277; dam, 478395.	11 dams------	31	7,554	4.8	360
Herd Owner, Ralph Tratt & Son, Whitewater.	Difference---	(5-5-3)	-245	-.2	-25
WEY ACRES VALOR JERRY 300801----------	10 daughters-	10	7,856	4.2	329
Born, 11-22-40; proved, 6-3-49;----; Wis.	9 daughters--	9	8,021	4.1	330
Sire, 294337; dam, 376599.	9 dams-------	17	8,726	4.5	392
Herd Owner, S. A. Weyenberg, Hartland.	Difference---	(3-2-1)	-705	-.4	-62
WILLOWMERE BUTLER 308928----------	10 daughters-	16	8,725	4.3	377
Born, 5-30-41; proved, 6-1-49; alive; Md.	9 daughters--	15	8,613	4.4	376
Sire, 242260; dam, 216541.	9 dams-------	26	11,466	3.7	427
Herd Owner, B. W. Randles, Dickerson.	Difference---	(1-7-4)	-2,853	+.7	-51
WOODACRES ROYAL VIKING 330712----------	13 daughters-	13	8,054	4.8	391
Born, 10-8-42; proved, 6-15-49;----; Mo.	11 daughters-	11	8,109	4.9	394
Sire, 214096; dam, 427073.	11 dams------	33	8,005	5.2	413
Herd Owner, R. D. Pennewell, Palmyra.	Difference---	(5-3-4)	+104	-.3	-19
WOODFIELD'S RILMA KING 334834----------	8 daughters--	13	8,369	5.1	427
Born, 6-8-41; proved, 6-21-49;----; Pa.	6 daughters--	9	8,339	5.2	431
Sire, 243958; dam, 557887.	6 dams-------	32	9,665	5.0	480
Herd Owner, Woodfields Farm, Wycombe.	Difference---	(2-4-1)	-1,326	+.2	-49

HOLSTEIN SIRES

ABBEKERK ORMSBY SENSATION BOY 781395----------	9 daughters--	10	12,524	3.3	415
Born, 1-7-39; proved, 6-27-49;----; Pa.	7 daughters--	8	12,752	3.3	424
Sire, 698848; dam, 1956856.	7 dams-------	27	12,757	3.5	449
Herd Owner, George F. Rice, Blain.	Difference---	(3-1-3)	-5	-.2	-25
ABBEYVALE PIERE POSCH 857205----------	6 daughters--	6	10,108	3.3	337
Born, 3-10-42; proved, 6-30-49;----; N. Y.	5 daughters--	5	10,057	3.4	340
Sire, 786935; dam, 2217447.	5 dams-------	8	9,456	3.4	326
Herd Owner, John Jordon, Canton.	Difference---	(2-2-2)	+601	.0	+14

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ACKERHURST WARREN SHIRLEY YANKEL 798715----------	14 daughters-	18	10,908	3.4	368
Born, 11-17-39; proved, 6-2-49; dead; Nebr.	13 daughters-	17	10,966	3.4	371
Sire, 745328; dam, 1928209.	13 dams------	52	11,707	3.4	401
Herd Owner, State Board of Control, Lincoln.	Difference---	(5-6-5)	-741	.0	-30
ADMIRAL OLLIE BONNY DELLA 899361----------	5 daughters--	5	13,058	3.5	453
Born, 6-21-43; proved, 6-8-49;----; Wis.	5 dams-------	13	11,481	3.5	398
Sire, 782124; dam, 1819508.	Difference---	(3-2-3)	+1,577	.0	+55
Herd Owner, Herbert Zepp, Beaver Dam.					
ADMIRAL ORMSBY FOBES DEAN 727223----------	25 daughters-	40	10,926	3.6	391
Born, 3-3-36; proved, 6-9-49; dead; Pa.	11 daughters-	20	11,840	3.6	430
Sire, 671272; dam, 1757776.	11 dams------	47	13,279	3.4	454
Herd Owner, Milton Myers, Perkasie.	Difference---	(3-9-5)	-1,439	+.2	-24
ADMIRAL SEVEN UP 849549----------	15 daughters-	21	10,465	3.6	382
Born, 4-1-41; proved, 6-14-49;----; Wis.	8 daughters--	10	10,924	3.6	399
Sire, 789081; dam, 2008907.	8 dams-------	14	11,896	3.5	413
Herd Owner, H. Ernest Naumann, Lancaster.	Difference---	(4-6-5)	-972	+.1	-14
AL-KAY KING PIEBE ADOLPH 780845----------	18 daughters-	33	11,394	3.5	402
Born, 8-27-39; proved, 6-9-49;----; Pa.	16 daughters-	29	11,272	3.5	395
Sire, 705840; dam, 1724249.	16 dams------	43	12,181	3.4	417
Herd Owner, S. L. Cary, Mills.	Difference---	(3-13-3)	-909	+.1	-22
ARNOLMONT SIR POSCH STAR 870338----------	16 daughters-	16	11,300	3.6	401
Born, 9-2-42; proved, 6-20-49;----; Pa.	11 daughters-	11	11,408	3.5	400
Sire, 702266; dam, 2126218.	11 dams------	11	10,483	3.4	354
Herd Owner, Glenn E. Mead & Sons, Montrose.	Difference---	(7-8-9)	+925	+.1	+46
ARTIS WALKER SPOFFORD 794044----------	9 daughters--	17	14,302	3.3	465
Born, 12-15-39; proved, 6-1-49; dead; Pa.	8 daughters--	16	14,180	3.2	459
Sire, 729175; dam, 1775442.	8 dams-------	23	13,682	3.6	499
Herd Owner, Ben W. Jacobs, Waynesburg.	Difference---	(5-1-2)	+498	-.4	-40
BALLARD FARM POSCH 784510----------	15 daughters-	15	8,648	3.6	312
Born, 12-1-38; proved, 6-20-49;----; Pa.	8 daughters--	8	8,597	3.6	308
Sire, 731348; dam, 1814168.	8 dams-------	10	10,827	3.5	377
Herd Owner, J. Thomas Wilcox, Milanville.	Difference---	(2-7-2)	-2,230	+.1	-69
BAY STATE DONAR 712310----------	17 daughters-	19	13,404	3.4	451
Born, 7-21-35; proved, 6-7-49;----; Mass.	9 daughters--	10	13,098	3.3	431
Sire, 571003; dam, 1256216.	9 dams-------	24	10,796	3.5	373
Herd Owner, Hospital Cottages, Baldwinsville.	Difference---	(7-2-5)	+2,302	-.2	+58
BENNAYRE ORMSBY HOMESTEAD OLLIE 848746----------	8 daughters--	14	12,715	3.6	453
Born, 8-21-41; proved, 6-24-49;----; Wis.	6 daughters--	9	13,273	3.5	467
Sire, 793887; dam, 1484758.	6 dams-------	20	11,679	3.4	397
Herd Owner, J. F. Bennett & Sons, Burlington.	Difference---	(5-5-4)	+1,594	+.1	+70
BILLY MERCEDES GRAHAMHOLM 874416----------	6 daughters--	6	13,601	3.3	453
Born, 10-10-42; proved, 6-21-49; dead; Minn.	5 daughters--	5	13,476	3.3	451
Sire, 820959; dam, 1604056.	5 dams-------	28	11,099	3.3	367
Herd Owner, L. F. Wilker, Owatonna.	Difference---	(4-3-4)	+2,377	.0	+84
BONUS LEA MONTVIC BESS 786917----------	6 daughters--	7	9,943	3.6	361
Born, 10-20-39; proved, 6-16-49;----; Ill.	5 daughters--	6	10,605	3.6	380
Sire, 757566; dam, 1653330.	5 dams-------	10	11,210	3.7	411
Herd Owner, Howard Farm, Dundee.	Difference---	(1-2-1)	-605	-.1	-31
BREEZY LANE MODEL FOBES 2D 708744----------	17 daughters-	20	10,839	3.3	360
Born, 11-26-34; proved, 6-6-49; dead; Mo.	8 daughters--	11	9,995	3.3	334
Sire, 668867; dam, 1453268.	8 dams-------	11	11,841	3.2	379
Herd Owner, State Hospital #3, Nevada.	Difference---	(3-6-2)	-1,846	+.1	-45
BRIGEEN CREATOR WISCONSIN 900639----------	6 daughters--	6	10,453	3.7	385
Born, 4-29-43; proved, 6-14-49; dead; Maine.	6 dams-------	17	11,203	3.4	381
Sire, 817620; dam, 1887016.	Difference---	(2-6-3)	-750	+.3	+4
Herd Owner, Ernest F. Additon & Son, Greene.					
BROWNGLADE POSCH ORMSBY 800276----------	5 daughters--	13	11,967	3.6	431
Born, 11-18-38; proved, 6-1-49;----; Iowa.	5 dams-------	30	12,089	3.6	438
Sire, 701072; dam, 1889269.	Difference---	(3-3-3)	-122	.0	-7
Herd Owner, Henry Haupt, Wellsburg.					
CALLAWAY MATADOR PIEBE YANK 798890----------	5 daughters--	7	9,756	3.4	329
Born, 12-24-39; proved, 6-13-49;----; Mo.	5 dams-------	12	12,554	3.4	427
Sire, 530334; dam, 1690914.	Difference---	(1-3-1)	-2,798	.0	-98
Herd Owner, State Hospital #1, Fulton.					
CARNATION CREAMELLE 754871----------	9 daughters--	15	13,102	3.5	462
Born, 8-27-37; proved, 6-6-49;----; Ill.	5 daughters--	9	12,443	3.6	449
Sire, 678142; dam, 1524712.	5 dams-------	13	11,320	3.4	381
Herd Owner, Hurlbert & Penticoff, Stockton.	Difference---	(4-4-4)	+1,123	+.2	+68

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CARNATION GUARDIAN 863726----------	9 daughters--	14	12,773	3.3	424
Born, 10-3-42; proved, 6-21-49;----; Iowa.	5 daughters--	8	13,267	3.2	423
Sire, 671573; dam, 1771808.	5 dams-------	15	9,898	3.5	345
Herd Owner, Ralph Chester & Son, Plainfield.	Difference---	(5-0-5)	+3,369	-.3	+78
CARNATION IMPERIAL ORMSBY PONTIAC 747117----------	8 daughters--	11	12,299	3.8	464
Born, 6-8-37; proved, 6-20-49; dead; Md.	6 daughters--	9	11,955	3.7	446
Sire, 698462; dam, 1771832.	6 dams-------	20	13,586	3.6	483
Herd Owner, George D. Moomaw & Son, Phoenix.	Difference---	(2-5-2)	-1,631	+.1	-37
CARNATION PLUTOCRAT 828800----------	13 daughters-	17	11,707	3.7	433
Born, 7-2-41; proved, 6-23-49; alive; N. Y.	11 daughters-	14	11,952	3.8	450
Sire, 671573; dam, 1909678.	11 dams------	25	10,717	3.4	368
Herd Owner, Jonesvale Dairy, Cazenovia.	Difference---	(8-11-9)	+1,235	+.4	+82
CARWOOD KING SKYLARK 698004----------	8 daughters--	20	14,618	3.6	523
Born, 10-13-33; proved, 6-16-49; dead; Calif.	5 daughters--	13	14,882	3.6	529
Sire, 624656; dam, 979645.	5 dams-------	12	13,711	3.4	469
Herd Owner, Joaquin Cabral, Crows Landing.	Difference---	(5-4-4)	+1,171	+.2	+60
CHESTERSONS GUM SUPREME 838732----------	7 daughters--	11	14,582	3.2	462
Born, 9-29-41; proved, 6-16-49; dead; Iowa.	5 daughters--	7	15,501	3.1	486
Sire, 702939; dam, 2124571.	5 dams-------	13	13,292	3.5	471
Used in Dairy Genetics Co., Inc. (A. B. A.).	Difference---	(5-0-3)	+2,209	-.4	+15
CLOVER LAWN BONNY SIR DOT 863193----------	7 daughters--	8	11,155	3.7	414
Born, 10-16-42; proved, 6-22-49;----; Wis.	7 dams-------	20	10,292	3.3	345
Sire, 676723; dam, 2172247.	Difference---	(4-7-7)	+863	+.4	+69
Herd Owner, Peebles Brothers, Oconomowoc.					
CLYDE HILL BESS HENGERVELD PEARL 832427----------	6 daughters--	6	17,292	3.5	608
Born, 9-24-41; proved, 6-29-49; alive; Iowa.	6 dams-------	11	11,988	3.5	422
Sire, 664525; dam, 1744683.	Difference---	(6-3-6)	+5,304	.0	+186
Used in Midwest A. B. A., Mo.					
CLYDE HILL BISMARK FORES 3D 799193----------	7 daughters--	7	8,221	3.8	312
Born, 7-1-40; proved, 6-2-49; dead; Kans.	5 daughters--	5	8,388	3.8	320
Sire, 768847; dam, 1529533.	5 dams-------	10	9,639	3.5	333
Herd Owner, Higher View Dairy, Hays.	Difference---	(2-5-2)	-1,251	+.3	-13
COLFAX CARNATION ORMSBY 878106----------	7 daughters--	7	11,938	3.6	432
Born, 6-15-42; proved, 6-15-49;----; Minn.	6 daughters--	6	11,985	3.6	428
Sire, 740309; dam, 1990865.	6 dams-------	7	11,387	3.5	395
Herd Owner, Dr. B. A. McIver, Lowry.	Difference---	(3-5-3)	+598	+.1	+33
COLONEL NEWMONT ORMSBY SEGIS 842372----------	9 daughters--	15	11,500	3.5	400
Born, 10-21-40; proved, 6-27-49;----; N. Y.	5 daughters--	8	12,094	3.4	407
Sire, 579109; dam, 2002025.	5 dams-------	9	12,638	3.5	447
Herd Owner, Lake Placid Co., Lake Placid.	Difference---	(2-3-2)	-544	-.1	-40
COLSTINS TRITOMIA MAN-O-WAR POSCH (TWIN) 737102----------	8 daughters--	11	10,459	3.4	360
Born, 3-5-36; proved, 6-2-49; dead; Colo.	5 daughters--	8	10,125	3.4	345
Sire, 695160; dam, 1345420.	5 dams-------	6	11,241	3.4	380
Herd Owner, Colorado State Hospital, Pueblo.	Difference---	(3-2-2)	-1,116	.0	-35
CONNEMEAD DUKE 868709----------	7 daughters--	9	10,194	3.6	362
Born, 4-22-42; proved, 6-15-49;----; Pa.	6 daughters--	8	10,481	3.5	368
Sire, 666441; dam, 1786002.	6 dams-------	7	10,787	3.4	369
Herd Owner, Ivan H. Stoltzfus, Gap.	Difference---	(2-5-2)	-306	+.1	-1
COONHURST HARK TRIX BURKE 790421----------	9 daughters--	9	8,644	3.5	303
Born, 10-29-39; proved, 6-17-49;----; Wis.	5 daughters--	5	8,360	3.6	301
Sire, 708210; dam, 1738962.	5 dams-------	8	10,952	3.5	386
Herd Owner, Coonhurst Farm, Milton Junction.	Difference---	(2-3-2)	-2,592	+.1	-85
CORNELL BLEND SUCCESSOR 760637----------	5 daughters--	5	8,202	3.6	297
Born, 1-2-38; proved, 6-8-49;----; N. Y.	5 dams-------	26	11,971	3.9	470
Sire, 722643; dam, 1489766.	Difference---	(1-0-1)	-3,769	-.3	-173
Herd Owner, Floyd W. Shimel & Sons, La Fargeville.					
CORNELL NEOLA SEGIS 706478----------	13 daughters-	22	11,266	3.2	360
Born, 9-25-34; proved, 6-16-49;----; Pa.	6 daughters--	9	10,728	3.1	338
Sire, 625158; dam, 1572565.	6 dams-------	13	9,731	3.4	335
Herd Owner, Crawford Co. Home, Saegerstown.	Difference---	(5-1-4)	+997	-.3	+3
CORRECTION ADMIRAL SENSATION 824079----------	8 daughters--	8	14,088	3.4	484
Born, 11-25-42; proved, 6-15-49;----; Wis.	8 dams-------	21	14,768	3.5	509
Sire, 837808; dam, 2255417.	Difference---	(2-4-3)	-680	-.1	-25
Herd Owner, Ralph E. & Edgar Gust, Verona.					
CORRECTION ORMSBY INKA 844306----------	5 daughters--	6	13,371	3.6	476
Born, 7-22-41; proved, 6-24-49;----; Wis.	5 dams-------	18	12,7[illegible]	3.7	472
Sire, 812931; dam, 1941446.	Difference---	(3-2-4)	+600	-.1	+4
Herd Owner, Teisberg Brothers, Cottage Grove.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
COY SEGIS ORMSBY DICTATOR 883614	5 daughters--	5	10,580	3.8	404
Born, 6-14-43; proved, 6-7-49;----; Ohio.	5 dams-------	7	11,036	3.6	392
Sire, 807743; dam, 1924929.	Difference---	(3-4-3)	-456	+.2	+12
Herd Owner, Chester Steller, Creston.					
C P C SHEIK 825237	15 daughters-	25	12,062	3.3	393
Born, 2-18-41; proved, 6-1-49;----; Wis.	15 dams------	62	10,861	3.5	377
Sire, 731751; dam, 1999872.	Difference---	(10-3-10)	+1,201	-.2	+16
Herd Owner, Brennan Farm, Elkhorn.					
CREEK WALKER BESSIE ORMSBY 873757	6 daughters--	6	10,999	3.5	382
Born, 7-21-42; proved, 6-8-49; dead; N. Y.	5 daughters--	5	11,396	3.5	396
Sire, 837676; dam, 2217867.	5 dams-------	5	10,486	3.5	365
Herd Owner, Robert G. Brown, Pennellville.	Difference---	(4-3-3)	+910	.0	+31
CRESCENT ADMIRAL PRINCE 832916	6 daughters--	10	12,721	3.6	464
Born, 8-14-41; proved, 6-8-49;----; Wis.	6 dams-------	15	13,321	3.7	499
Sire, 707767; dam, 1938577.	Difference---	(2-2-2)	-600	-.1	-35
Herd Owner, Glover Farms, Fort Atkinson.					
CRESTLYN BESSIE ORMSBY FOBES 710353	10 daughters-	16	11,826	3.8	444
Born, 7-20-35; proved, 6-6-49;----; Ind.	7 daughters--	12	12,303	3.7	459
Sire, 619012; dam, 1584727.	7 dams-------	14	11,450	3.4	394
Herd Owner, St. Mary's Academy, Holy Cross.	Difference---	(6-7-6)	+853	+.3	+65
CRESTON RAG APPLE MERCEDES 851658	12 daughters-	14	10,542	3.5	371
Born, 7-16-42; proved, 6-23-49;----; Mich.	9 daughters--	11	11,095	3.5	389
Sire, 812000; dam, 1914737.	9 dams-------	24	11,503	3.3	382
Herd Owner, Mrs. C. A. Stimson, Eaton Rapids.	Difference---	(3-8-4)	-408	+.2	+7
CULVER EDEN PAUL BUSTER 865726	5 daughters--	6	11,846	4.1	484
Born, 10-18-42; proved, 6-17-49;----; Ind.	5 dams-------	14	13,255	3.5	467
Sire, 822709; dam, 1888198.	Difference---	(1-4-2)	-1,409	+.6	+17
Herd Owner, Marcellus M. Flory, Logansport.					
CURTISS CANDY PHIL 868114	8 daughters--	9	9,975	3.5	348
Born, 12-9-42; proved, 6-17-49; dead; Ill.	6 daughters--	6	9,659	3.5	341
Sire, 723329; dam, 1959000.	6 dams-------	10	10,958	3.6	389
Herd Owner, Society of the Divine Word, Techny.	Difference---	(2-4-2)	-1,299	-.1	-48
DA-CO-TON SUPREME EMBLEM 784674	10 daughters-	11	12,958	3.5	456
Born, 11-12-38; proved, 6-7-49; dead; S. Dak.	7 daughters--	8	13,157	3.5	464
Sire, 706884; dam, 1541408.	7 dams-------	9	13,536	3.4	455
Herd Owner, Ben C. Graber, Marion.	Difference---	(2-5-5)	-379	+.1	+9
DANDY DONADORA JIM 735068	13 daughters-	17	8,326	3.7	307
Born, 2-1-37; proved, 6-7-49;----; Va.	6 daughters--	7	7,763	3.7	287
Sire, 625555; dam, 1742334.	6 dams-------	11	10,522	4.0	425
Herd Owner, M. C. Speiden, Mitchells.	Difference---	(0-1-0)	-2,759	-.3	-138
DELLANNA PETER HEILO PONTIAC (TWIN) 860388	7 daughters--	9	10,831	3.6	387
Born, 5-8-42; proved, 6-21-49;----; Wash.	7 dams-------	17	10,037	3.4	343
Sire, 760870; dam, 1741000.	Difference---	(5-5-5)	+794	+.2	+44
Herd Owner, M. R. Simpson, Deer Park.					
DICTATOR ORMSBY OAK 4TH 867269	8 daughters--	11	12,631	3.5	437
Born, 7-29-42; proved, 6-15-49; dead; Minn.	6 daughters--	8	12,722	3.5	446
Sire, 820619; dam, 1972191.	6 dams-------	18	10,955	3.5	387
Herd Owner, Schwager Brothers, Altura.	Difference---	(4-3-5)	+1,767	.0	+59
DON DREDA POSCH 727818	6 daughters--	11	11,474	3.3	380
Born, 7-11-36; proved, 6-9-49; dead; N. Y.	5 daughters--	10	10,925	3.4	371
Sire, 696635; dam, 1748661.	5 dams-------	7	13,665	3.4	461
Herd Owner, Kingsley B. Niles & Son, Morrisville.	Difference---	(1-3-1)	-2,740	.0	-90
DOUGLAS ORMSBY FLORA HARK 708211	15 daughters-	16	11,538	3.7	424
Born, 2-21-35; proved, 6-15-49; dead; Ill.	8 daughters--	8	11,743	3.8	450
Sire, 570501; dam, 1024764.	8 dams-------	24	12,131	3.3	395
Herd Owner, Mrs. M. R. Wessels & Son, German Valley.	Difference---	(3-7-6)	-388	+.5	+55
DOUGLAS VERA SIR BUTTERCUP HARK 708210	10 daughters-	12	10,213	3.5	356
Born, 3-20-35; proved, 6-7-49;----; Wis.	8 daughters--	9	10,513	3.5	368
Sire, 675277; dam, 1631529.	8 dams-------	17	11,897	3.3	388
Herd Owner, Coonhurst Farm, Milton Junction.	Difference---	(3-6-3)	-1,384	+.2	-20
DUKE CHANGELING MERCEDES 701191	9 daughters--	21	13,459	3.6	483
Born, 9-9-34; proved, 6-23-49;----; N. Y.	6 daughters--	15	13,857	3.6	495
Sire, 599337; dam, 996649.	6 dams-------	21	11,490	3.8	432
Herd Owner, Joe Romeo, Dryden.	Difference---	(5-1-4)	+2,367	-.2	+63
DUKE OF LAUXMONT 724930 *10	26 daughters-	50	10,059	3.8	379
Born, 3-24-36; proved, 6-29-49;----; Pa.	21 daughters-	39	9,920	3.8	375
Sire, 652276; dam, 924268.	21 dams------	63	11,413	3.6	405
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(8-19-11)	-1,493	+.2	-30

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DUKE RHODA SEGIS POSCH 850731----------	11 daughters-	16	11,420	3.5	396
Born, 9-19-41; proved, 6-30-49;----; Wis.	9 daughters--	14	11,592	3.4	397
Sire, 762828; dam, 1765910.	9 dams-------	26	10,479	3.6	374
Herd Owner, Roy & George Brennand, Oshkosh.	Difference---	(4-2-4)	+1,113	-.2	+23
DUNLOGGIN CRESTMASTER 873082----------	6 daughters--	7	11,658	3.8	444
Born, 2-4-43; proved, 6-15-49; alive; Pa.	5 daughters--	6	11,763	3.8	446
Sire, 667915; dam, 1543530.	5 dams-------	13	11,991	3.6	425
Herd Owner, John S. Murphy, Woodbine.	Difference---	(1-5-2)	-228	+.2	+21
DUNLOGGIN FON FRENCHMAN 848061----------	10 daughters-	15	10,580	3.6	384
Born, 3-9-42; proved, 6-23-49;----; Md.	8 daughters--	11	10,908	3.6	392
Sire, 751640; dam, 2005394.	8 dams-------	20	12,972	3.4	447
Herd Owner, Fairhaven Farms, Sykesville.	Difference---	(3-7-3)	-2,064	+.2	-55
EASTHAVEN COMMANDER CASCADE 784481----------	7 daughters--	9	10,813	3.5	382
Born, 3-19-39; proved, 6-16-49;----; Ind.	7 dams-------	12	11,831	3.3	390
Sire, 695886; dam, 1796387.	Difference---	(2-7-4)	-1,018	+.2	-8
Herd Owner, Muscatatuck State School, Butlerville.					
EASTHAVEN COMMANDER VAN 873646----------	6 daughters--	6	13,264	3.5	458
Born, 5-24-42; proved, 6-17-49;----; Ind.	5 daughters--	5	12,798	3.5	445
Sire, 695886; dam, 1884769.	5 dams-------	17	12,880	3.3	429
Herd Owner, Indiana Soldiers' & Sailors' Children's Home, Knightstown.	Difference---	(3-3-3)	-82	+.2	+16
EASTHAVEN KING VAN COMMANDER DANDY 873535----------	6 daughters--	6	11,977	3.3	401
Born, 8-30-42; proved, 6-15-49;----; Ind.	6 dams-------	22	12,700	3.3	414
Sire, 695886; dam, 1796394.	Difference---	(2-3-4)	-723	.0	-13
Herd Owner, Indiana State Farm, Greencastle.					
EDUCATOR SIR ORMSBY PIETERIJE 794692----------	19 daughters-	20	11,673	3.6	423
Born, 6-24-39; proved, 6-10-49;----; Wis.	15 daughters-	16	11,638	3.6	424
Sire, 749282; dam, 2052902.	15 dams------	41	9,736	3.4	329
Herd Owner, Elwyn W. Hamlyn, West Bend.	Difference---	(11-13-12)	+1,902	+.2	+95
EDWARNOS ORMSBY SEGIS 861149----------	6 daughters--	8	9,034	3.7	334
Born, 11-6-42; proved, 6-20-49;----; Wis.	6 dams-------	31	9,620	4.0	381
Sire, 756396; dam, 2034022.	Difference---	(2-2-2)	-586	-.3	-47
Herd Owner, Franz J. Schamens, Sparta.					
ELBRO KORNDYKE KING 887091----------	10 daughters-	12	12,445	3.1	386
Born, 11-21-38; proved, 6-15-49;----; Mich.	6 daughters--	6	12,451	3.2	394
Sire, 806328; dam, 303761 CHB.	6 dams-------	8	10,133	3.6	367
Herd Owner, Yokom Stock Farm, Mayville.	Difference---	(4-1-4)	+2,318	-.4	+27
ELBRO MONTVIC ABBEKERK 787641----------	11 daughters-	17	9,844	3.6	356
Born, 2-11-36; proved, 6-17-49; dead; Ohio.	5 daughters--	9	10,307	3.6	368
Sire, 99201 CHB; dam, 303922 CHB.	5 dams-------	7	12,556	3.5	436
Herd Owner, Wilson Tostrick, New Bremen.	Difference---	(1-2-3)	-2,249	+.1	-68
ELLER FARM ADMIRAL HOMESTEAD 829190----------	20 daughters-	33	11,165	3.5	393
Born, 2-19-41; proved, 6-15-49;----; Pa.	13 daughters-	22	11,273	3.6	404
Sire, 777319; dam, 1737145.	13 dams------	54	10,517	3.7	385
Herd Owner, John S. Metzker, Martinsburg.	Difference---	(10-5-9)	+756	-.1	+19
ELMBROOK HENGERVELD BUTTER BOY 768106----------	10 daughters-	23	10,661	3.6	381
Born, 8-1-38; proved, 6-24-49;----; Pa.	6 daughters--	13	11,031	3.6	401
Sire, 523804; dam, 1657860.	6 dams-------	25	11,263	3.5	393
Herd Owner, George F. Rice, Blain.	Difference---	(1-5-1)	-232	+.1	+8
ELMVALE RAG APPLE ARTIS 883725----------	6 daughters--	6	11,840	3.4	403
Born, 1-27-43; proved, 6-15-49; alive; N. Y.	5 daughters--	5	11,513	3.4	392
Sire, 830269; dam, 1662418.	5 dams-------	14	11,003	3.3	367
Herd Owner, Gifford Bowerman, Canajoharie.	Difference---	(2-3-3)	+510	+.1	+25
ESLIE MODEL GEORGE 868821----------	6 daughters--	6	12,325	3.7	457
Born, 2-8-43; proved, 6-17-49;----; Wis.	5 daughters--	5	11,897	3.7	439
Sire, 749572; dam, 1557350.	5 dams-------	15	10,179	3.6	371
Herd Owner, W. H. Warner, Evanston, Ill.	Difference---	(5-4-4)	+1,718	+.1	+68
F C A DONLEVY COLANTHUS 845609----------	10 daughters-	14	11,652	3.6	420
Born, 3-15-42; proved, 6-30-49;----; Wis.	6 daughters--	8	11,887	3.6	431
Sire, 741005; dam, 1692051.	6 dams-------	9	10,706	3.2	347
Herd Owner, Delmar Moehrke, Chilton.	Difference---	(4-6-6)	+1,181	+.4	+84
FELIX CREATOR PAULINE 737338----------	7 daughters--	10	9,370	3.4	321
Born, 2-17-36; proved, 6-6-49; dead; Wis.	6 daughters--	9	9,902	3.4	333
Sire, 618948; dam, 1508526.	6 dams-------	11	10,118	3.2	329
Herd Owner, Lakeview Stock Farm, Beaver Dam.	Difference---	(3-4-3)	-216	+.2	+4
FEMCO SIR ORMSBY MAY ROYAL 785192----------	11 daughters-	14	11,984	3.1	375
Born, 10-6-39; proved, 6-17-49;----; Minn.	5 daughters--	6	11,202	3.3	370
Sire, 697000; dam, 1736540.	5 dams-------	11	9,747	3.2	314
Herd Owner, Dr. B. A. McIver, Lowry.	Difference---	(4-3-4)	+1,455	+.1	+56

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
F M B KING PIERE DUKE 874037	5 daughters--	6	10,857	3.8	418
Born, 8-1-42; proved, 6-20-49;----; Pa.	5 dams-------	21	8,358	4.2	354
Sire, 818479; dam, 2018895.	Difference---	(5-0-5)	+2,499	-.4	+64
Herd Owner, Clair F. Burns, Warriors Mark.					
FORES PIETERTJE BONHEUR MOOLE 894018	6 daughters--	8	10,831	3.6	395
Born, 6-21-42; proved, 6-8-49; dead; Ohio.	5 daughters--	6	11,271	3.6	404
Sire, 779353; dam, 2236585.	5 dams ------	8	12,576	3.4	432
Herd Owner, W. A. Petry & Sons, West Manchester.	Difference---	(1-4-2)	-1,305	+.2	-28
FORESTBOLD CANARY PONTIAC GIRL 866136	8 daughters--	9	13,222	3.5	469
Born, 10-14-42; proved, 6-17-49;----; Wis.	7 daughters--	8	13,458	3.6	479
Sire, 676723; dam, 2170717.	7 dams-------	22	13,057	3.5	459
Herd Owner, Louie Beck, Oshkosh.	Difference---	(4-4-5)	+401	+.1	+20
FORUM SPONSOR 873759	10 daughters-	12	12,192	3.7	447
Born, 11-29-41; proved, 6-17-49;----; Iowa.	5 daughters--	7	12,013	3.7	445
Sire, 814186; dam, 1415953.	5 dams-------	10	14,116	3.6	502
Herd Owner, W. D. Mitchell, Reinbeck.	Difference---	(1-4-1)	-2,103	+.1	-57
FRANLO CHIP ECHO PRINCE 862209	6 daughters--	7	10,514	3.4	360
Born, 9-12-42; proved, 6-24-49;----; Ga.	5 daughters--	6	10,554	3.4	364
Sire, 808285; dam, 2147477.	5 dams-------	15	11,564	3.7	430
Herd Owner, J. J. Harris, Pelham.	Difference---	(3-1-3)	-1,010	-.3	-66
FRANLO CHIP MODEL SNOW BOY 864934	11 daughters-	15	13,357	3.4	452
Born, 11-25-42; proved, 6-17-49; alive; Minn.	5 daughters--	7	14,301	3.4	505
Sire, 808285; dam, 2146414.	5 dams-------	8	11,724	3.4	395
Herd Owner, Ralph O'Connell, Le Center.	Difference---	(5-3-5)	+3,077	.0	+110
FRANLO FORES POSCH 840111	9 daughters--	12	13,454	3.2	436
Born, 10-1-41; proved, 6-27-49;----; Wis.	8 daughters--	11	14,050	3.2	454
Sire, 775264; dam, 2146400.	8 dams-------	33	12,772	3.6	465
Herd Owner, Witzel & Woody Farms, Evansville.	Difference---	(5-2-4)	+1,278	-.4	[illegible]
FRANLO WHITE CHIP PALMYRA 899454	8 daughters--	8	16,614	3.6	591
Born, 1-28-44; proved, 6-7-49; dead; Minn.	7 daughters--	7	16,780	3.[illegible]	[illegible]
Sire, 808285; dam, 2146414.	7 dams-------	17	13,492	3.[illegible]	[illegible]
Herd Owner, Harold Swenson, Spicer.	Difference---	(7-3-6)	+3,288	-.2	+101
GENOLALE MIMIR ORMSBY 855350	6 daughters--	7	11,703	3.6	423
Born, 3-17-42; proved, 6-24-49; dead; N. Y.	6 dams-------	22	12,715	3.5	444
Sire, 643579; dam, 1909310.	Difference---	(2-5-2)	-1,012	+.1	-21
Used in New York Co-op. A. B. A., Inc.					
GENTLE KING BESSIE 826234	5 daughters--	13	10,523	[illegible]	369
Born, 10-23-40; proved, 6-27-49;----; Pa.	5 dams-------	2[illegible]	10,782	3.7	398
Sire, 718788; dam, 1735657.	Difference---	(1-1-2)	-279	-.2	-29
Herd Owner, Robert K. Reiter, Turtle Creek.					
GLADELL INKA ROE MEUHTHILDE 941366	5 daughters--	7	12,347	3.0	363
Born, 11-20-41; proved, 6-7-49;----; Pa.	5 dams-------	22	11,875	3.1	362
Sire, 781982; dam, 2576008.	Difference---	(3-2-3)	+472	-.1	+1
Herd Owner, Herbert S. Schenck & Son, Howard.					
GODFREYS MARTO ORMSBY EATON 740374	7 daughters--	14	12,868	3.6	468
Born, 8-22-36; proved, 6-7-49;----; Wis.	6 daughters-	12	13,1[illegible]	3.6	476
Sire, 559504; dam, 1675906.	6 dams-------	13	10,205	3.6	37[illegible]
Herd Owner, Harry Broughton & Son, Evansville.	Difference---	(5-3-5)	+2,940	.0	+10[illegible]
GOLDEN VALLEY BONHEUR POSCH COMET 872124	6 daughters--	8	9,155	3.5	317
Born, 3-18-42; proved, 6-28-49;----; N. Y.	6 dams-------	14	10,364	3.4	350
Sire, 129994 CHB; dam, 291393 CHB.	Difference---	(2-3-2)	-1,209	+.1	-33
Herd Owner, Ernest A. Rutherford, Madrid.					
GREENBANKS BONHEUR KING 77[illegible]15	5 daughters--	7	9,845	3.3	326
Born, 1-17-38; proved, 6-6-49; dead; N. Y.	5 dams-------	7	11,671	3.5	404
Sire, 117606 CHB; dam, 356905 CHB.	Difference---	(2-2-1)	-1,826	-.2	-78
Herd Owner, Levi Hendricks, Argusville.					
GREENWOOD DEAN JESTER 866146	8 daughters--	8	14,372	3.6	521
Born, 2-11-43; proved, 6-10-49;----; Pa.	8 dams-------	30	12,414	3.6	443
Sire, 769435; dam, 1789193.	Difference---	(6-6-7)	+1,958	.0	+78
Used in Lehigh Valley Co-op. A. B. A.					
GREENWOOD WHITEMAN 772383	11 daughters-	21	11,519	3.5	401
Born, 10-2-38; proved, 6-16-49; dead; Pa.	7 daughters--	9	12,296	3.4	418
Sire, 713668; dam, 1821294.	7 dams-------	37	12,853	3.4	436
Herd Owner, B. L. Hindenach, Easton.	Difference---	(4-4-2)	-557	.0	-18
HAMPSTEAD ORMSBY BURKE VEEMAN 794725	6 daughters--	9	10,133	3.9	399
Born, 10-30-39; proved, 6-1-49; dead; Va.	6 dams-------	20	11,501	3.9	443
Sire, 755044; dam, 1780941.	Difference---	(2-4-1)	-1,368	.0	-44
Herd Owner, C. Leith Speiden, Somerset.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HARTOG BURKE ORMSBY LAD 780223----------	12 daughters-	26	11,305	3.6	407
Born, 7-22-39; proved, 6-3-49; dead; Pa.	10 daughters-	22	11,221	3.6	408
Sire, 674456; dam, 1130957.	10 dams------	47	11,271	3.6	408
Herd Owner, Arthur Heisler, Tamaqua.	Difference---	(4-6-5)	-50	.0	0
HARTOG ECHO MUTUAL 794654----------	7 daughters--	10	8,508	3.7	318
Born, 10-9-39; proved, 6-14-49; dead; N. Y.	5 daughters--	7	8,948	3.8	339
Sire, 694019; dam, 1665771.	5 dams-------	13	10,252	3.5	355
Herd Owner, Robert C. Lynde, Gouverneur.	Difference---	(1-5-3)	-1,304	+.3	-16
HARVEST HOME SUPERIOR CARL POSCH 852599----------	9 daughters--	15	11,788	3.8	444
Born, 8-30-41; proved, 6-24-49;----; Pa.	8 daughters--	14	11,529	3.8	433
Sire, 726628; dam, 1751992.	8 dams-------	40	9,300	3.4	321
Herd Owner, Alonzo Worthington, Doylestown.	Difference---	(7-8-8)	+2,229	+.4	+112
HAZELRIDGE HILLVALE POLKADOT 780640----------	5 daughters--	5	13,380	3.5	464
Born, 9-19-38; proved, 6-14-49;----; Ill.	5 dams-------	16	13,167	3.3	437
Sire, 662775; dam, 1088513.	Difference---	(3-4-3)	+213	+.2	+27
Herd Owner, Winn & Turner, Richmond.					
HENGERVELD ABBEKERK POSCH 723824----------	10 daughters-	14	12,782	3.5	448
Born, 12-24-35; proved, 6-3-49;----; Mass.	5 daughters--	7	13,000	3.6	472
Sire, 670180; dam, 1821410.	5 dams-------	8	12,168	3.5	420
Herd Owner, R. Hertel & Sons, Fitchburg.	Difference---	(4-4-4)	+832	+.1	+52
HERB ORMSBY FOBES MOOIE DELL 861130----------	11 daughters-	13	11,192	3.4	377
Born, 1-13-41; proved, 6-21-49;----; Wis.	10 daughters-	12	11,120	3.4	376
Sire, 745364; dam, 1901324.	10 dams------	19	10,321	3.5	362
Herd Owner, Leonard L. Sattler, Pine River.	Difference---	(7-1-7)	+799	-.1	+14
HERSHEY COUNT ORMSBY AVON 775665----------	20 daughters-	40	11,528	3.3	381
Born, 10-24-37; proved, 6-7-49; dead; Pa.	9 daughters--	17	11,830	3.2	384
Sire, 682745; dam, 1771566.	9 dams-------	17	11,129	2.9	326
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(5-9-6)	+701	+.3	+58
HERSHEY KONIGEN WALKER 784990----------	12 daughters-	23	10,569	3.3	352
Born, 1-10-38; proved, 6-20-49;----; Pa.	6 daughters--	9	11,055	3.3	370
Sire, 677099; dam, 1629466.	6 dams-------	10	9,889	3.2	321
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(6-3-5)	+1,166	+.1	+49
HERSHEY PONTIAC JOE 785012----------	18 daughters-	28	12,178	3.2	392
Born, 6-2-39; proved, 6-10-49;----; Pa.	7 daughters--	9	11,935	3.3	393
Sire, 575204; dam, 1500145.	7 dams-------	12	10,922	3.3	359
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(6-3-5)	+1,013	.0	+34
HICKORY HILL DEAN KING BESSIE 871651----------	7 daughters--	7	13,403	3.4	461
Born, 9-29-42; proved, 6-17-49;----; Wis.	7 dams-------	15	11,351	3.3	376
Sire, 674886; dam, 2196130.	Difference---	(7-6-7)	+2,052	+.1	+85
Herd Owner, Frank Wolf, Mazomanie.					
HIGHLANGDON POLLY POSCH 865593----------	13 daughters-	19	10,290	3.3	343
Born, 3-19-42; proved, 6-21-49;----; Vt.	5 daughters--	7	10,665	3.3	355
Sire, 800932; dam, 2193275.	5 dams-------	10	12,320	3.4	420
Herd Owner, Frank S. Bishop, Springfield.	Difference---	(1-2-1)	-1,655	-.1	-65
HIGHLAWN PERFECTION 749340----------	10 daughters-	20	9,389	3.2	304
Born, 8-27-36; proved, 6-1-49; dead; Mass.	8 daughters--	16	9,232	3.3	300
Sire, 698488; dam, 1454306.	8 dams-------	15	10,602	3.2	343
Herd Owner, Leonard C. Fisher, Norwood.	Difference---	(1-4-1)	-1,370	+.1	-43
H J C SUPREME SEGIS VEEMAN 790560----------	8 daughters--	13	12,338	3.2	399
Born, 6-17-39; proved, 6-6-49;----; Mich.	7 daughters--	12	12,484	3.2	400
Sire, 741567; dam, 1663258.	7 dams-------	13	11,073	3.4	376
Herd Owner, Dr. A. L. Arnold, Jr., Owosso.	Difference---	(5-2-4)	+1,411	-.2	+24
HOESLY WINDSOR JOE PIEBE 780673----------	7 daughters--	10	12,029	3.5	426
Born, 9-22-38; proved, 6-16-49;----; Wis.	5 daughters--	8	12,070	3.5	427
Sire, 723295; dam, 1783354.	5 dams-------	9	12,991	3.4	446
Herd Owner, Paul H. Phillips, Middleton.	Difference---	(2-4-2)	-921	+.1	-19
HOLWYN IMPERIAL SEGIS PRINCE 848108----------	7 daughters--	9	11,117	3.7	410
Born, 11-30-41; proved, 6-17-49;----; Pa.	7 dams-------	34	12,132	3.7	447
Sire, 747117; dam, 1793502.	Difference---	(2-4-3)	-1,015	.0	-37
Herd Owner, J. Clarence Paxton & Son, Washington.					
HOMESTEAD FOBES INKA SEGIS 784217----------	7 daughters--	10	8,700	3.6	314
Born, 10-21-39; proved, 6-16-49;----; Wis.	5 daughters--	8	8,414	3.4	290
Sire, 725637; dam, 1850580.	5 dams-------	11	9,952	3.2	323
Herd Owner, Beaver Bay Stock Farm, Beaver Dam.	Difference---	(1-5-2)	-1,538	+.2	-33
HOMLAND COLANTHA SEGIS 750119----------	16 daughters-	22	12,349	3.6	450
Born, 3-3-37; proved, 6-1-49;----; Ill.	9 daughters--	12	12,273	3.6	442
Sire, 694033; dam, 1295593.	9 dams-------	14	13,754	3.5	486
Herd Owner, John & Edgar Foss, Dakota.	Difference---	(3-6-4)	-1,481	+.1	-44

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HORSEPEN ORMSBY PAT 834543	15 daughters-	24	10,591	3.8	406
Born, 9-29-41; proved, 6-1-49;----; Va.	8 daughters--	12	11,467	3.8	439
Sire, 654784; dam, 1752709.	8 dams-------	16	10,320	3.5	366
Herd Owner, Mark Turner, Herndon.	Difference---	(6-7-6)	+1,147	+.3	+73
HUFFMAN CASCADE TUEBIE HOMESTEAD 878097	6 daughters--	6	11,436	3.6	407
Born, 11-26-42; proved, 6-7-49;----; Wis.	5 daughters--	5	11,702	3.6	419
Sire, 813790; dam, 2043178.	5 dams-------	20	11,256	3.5	396
Herd Owner, Peter Graber, Monticello.	Difference---	(3-4-3)	+446	+.1	+23
HUFF SIR MAUDE WAYNE 863100	9 daughters--	9	12,567	3.7	461
Born, 8-23-42; proved, 6-30-49; alive; N. Y.	9 dams-------	28	12,625	3.6	449
Sire, 743032; dam, 2185766.	Difference---	(6-7-5)	-58	+.1	+12
Herd Owner, Gordon S. V. Andrews, Lagrangeville.					
IDAHO ECHO BARON 727266	5 daughters--	7	10,246	3.2	330
Born, 5-27-36; proved, 6-14-49; dead; N. Mex.	5 dams-------	14	10,516	3.5	365
Sire, 713518; dam, 1489638.	Difference---	(3-1-2)	-270	-.3	-35
Herd Owner, Joseph C. McCarty, Las Cruces.					
IMPERIAL PERFECTION OF ROSE HILL 764792	7 daughters--	8	12,079	3.4	407
Born, 12-24-37; proved, 6-6-49;----; Ind.	5 daughters--	6	10,966	3.3	366
Sire, 729194; dam, 1845891.	5 dams-------	12	11,371	3.5	399
Herd Owner, Indiana State Reformatory, Pendleton.	Difference---	(2-2-2)	-405	-.2	-33
INDIANA PIEBE PANSY 879241	6 daughters--	6	11,823	3.2	380
Born, 10-25-41; proved, 6-7-49;----; Ind.	5 daughters--	5	11,553	3.2	375
Sire, 654504; dam, 1496972.	5 dams-------	13	12,471	3.1	386
Herd Owner, Indiana State Farm, Greencastle.	Difference---	(2-4-2)	-918	+.1	-11
INKA ECHO GLUCK 853171	7 daughters--	10	11,558	3.4	390
Born, 4-25-42; proved, 6-24-49;----; Md.	6 daughters--	9	12,494	3.4	422
Sire, 782753; dam, 1917265.	6 dams-------	26	11,369	3.4	388
Herd Owner, W. Robert Newnam, Massey.	Difference---	(5-4-5)	+1,125	.0	+34
IODAK ORMSBY COLAN OLSON 864880	7 daughters--	7	12,933	3.8	494
Born, 1-9-41; proved, 6-23-49;----; Iowa.	7 dams-------	22	12,302	3.5	437
Sire, 772027; dam, 2062913.	Difference---	(5-6-6)	+631	+.3	+57
Herd Owner, Stephen Flo, Scarville.					
IODAK ORMSBY CORPORAL 710042	7 daughters--	13	7,669	3.5	271
Born, 2-2-35; proved, 6-8-49;----; Iowa.	5 daughters--	11	8,028	3.5	284
Sire, 576357; dam, 1499774.	5 dams-------	18	8,068	3.4	272
Herd Owner, Ole C. Wibholm, Clarinda.	Difference---	(3-3-3)	-40	+.1	+12
IOWANA ORMSBY RACHEL BURKE 879074	6 daughters--	6	10,186	3.4	343
Born, 1-4-43; proved, 6-8-49;----; Wis.	5 daughters--	5	10,395	3.3	348
Sire, 769948; dam, 2141087.	5 dams-------	7	11,004	3.5	383
Herd Owner, George W. Bos & Son, Deer Park.	Difference---	(3-2-2)	-609	-.2	-35
ISLAND CITY KING CRESTON ECHO JOE 878640	7 daughters--	9	12,143	3.2	393
Born, 3-15-43; proved, 6-15-49;----; Mich.	6 daughters--	7	11,746	3.3	386
Sire, 828421; dam, 2062189.	6 dams-------	16	10,142	3.4	342
Herd Owner, Miller's Dairy Farms, Eaton Rapids.	Difference---	(4-1-5)	+1,604	-.1	+44
JAMISON PEARL PIEBE WINSTON 863524	7 daughters--	8	9,391	3.9	366
Born, 12-28-42; proved, 6-24-49;----; Kans.	6 daughters--	7	9,159	3.9	358
Sire, 833451; dam, 1798316.	6 dams-------	15	11,966	3.5	420
Herd Owner, Paul G. Jamison, Cummings.	Difference---	(0-6-3)	-2,807	+.4	-62
JIMMY PRILLY INKA 855617	6 daughters--	10	12,259	3.3	406
Born, 10-18-41; proved, 6-23-49; dead; N. Y.	5 daughters--	8	12,530	3.3	414
Sire, 743688; dam, 2104629.	5 dams-------	12	12,957	3.5	454
Herd Owner, Irving D. Edgarton & Son, Hubbardsville.	Difference---	(2-0-1)	-427	-.2	-40
JONABELL INSTRUCTOR 869309	5 daughters--	5	11,068	3.5	383
Born, 3-5-43; proved, 6-7-49;----; Pa.	5 dams-------	15	13,860	3.4	478
Sire, 796829; dam, 2086549.	Difference---	(1-3-1)	-2,792	+.1	-95
Herd Owner, McChesney Brothers, New Galilee.					
KANSTASAN DEAN SEGIS TRIUNE 862215	6 daughters--	6	15,008	3.5	520
Born, 10-19-42; proved, 6-28-49;----; Kans.	6 dams-------	19	11,190	3.6	405
Sire, 643555; dam, 1988439.	Difference---	(6-1-6)	+3,818	-.1	+115
Herd Owner, Kansas State Sanatorium, Norton.					
KARIOLE EMPEROR LEADER 844282	5 daughters--	8	10,094	3.5	357
Born, 3-4-42; proved, 6-6-49; dead; Wis.	5 dams-------	21	10,061	3.3	334
Sire, 746226; dam, 1549844.	Difference---	(3-4-3)	+33	+.2	+23
Herd Owner, John F. Golz & Son, Brooklyn.					
KING BESSIE 702 788080	6 daughters--	16	12,343	3.3	412
Born, 11-25-35; proved, 6-8-49;----; Maine.	5 daughters--	12	11,520	3.3	381
Sire, 676473; dam, 293016 CHB.	5 dams-------	17	10,023	3.3	332
Herd Owner, E. L. Young, Gorham.	Difference---	(5-2-5)	+1,497	.0	+49

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING BESSIE DE KOL CANARY (TWIN) 830380----------	15 daughters-	23	11,501	3.5	406
Born, 2-20-41; proved, 6-13-49;----; Wis.	5 daughters--	6	11,616	3.6	412
Sire, 727722; dam, 1302251.	5 dams-------	11	13,084	3.3	431
Herd Owner, Roy Haass, Hartland.	Difference---	(1-4-3)	-1,468	+.3	-19
KING BESSIE KORNDYKE LYONS 887237----------	14 daughters-	19	12,013	3.2	389
Born, 10-8-41; proved, 6-15-49;----; Minn.	8 daughters--	10	11,944	3.3	393
Sire, 743518; dam, 2085814.	8 dams-------	32	10,295	3.4	349
Herd Owner, Lykken & Lewis, Dennison.	Difference---	(5-3-6)	+1,649	-.1	+44
KING BESSIE KORNDYKE ORMSBY 25TH 711733----------	5 daughters--	9	13,785	3.2	447
Born, 2-18-35; proved, 6-8-49; dead; Ohio.	5 dams-------	11	9,367	3.6	333
Sire, 574194; dam, 1435039.	Difference---	(4-1-4)	+4,418	-.4	+114
Herd Owner, H. R. Phares & Son, St. Paris.					
KING BESSIE SENATOR GERALDINE 758397----------	15 daughters-	30	10,935	3.2	354
Born, 12-1-37; proved, 6-17-49;----; Wis.	12 daughters-	25	10,616	3.3	350
Sire, 728911; dam, 1829433.	12 dams------	57	10,516	3.4	361
Herd Owner, William Barthel & Sons, Salem.	Difference---	(8-3-6)	+100	-.1	-11
KING BESS ILLINI CANARY 779698----------	7 daughters--	15	10,650	3.5	374
Born, 12-28-38; proved, 6-23-49;----; Ill.	6 daughters--	11	10,297	3.5	362
Sire, 713140; dam, 1630147.	6 dams-------	23	9,400	3.5	333
Herd Owner, Lortz Brothers, Freeburg.	Difference---	(3-4-4)	+897	.0	+29
KING CLYDE BEETS 846106----------	5 daughters--	7	12,170	3.3	406
Born, 10-6-41; proved, 6-7-49; dead; N. Y.	5 dams-------	11	11,802	3.4	404
Sire, 740040; dam, 2165193.	Difference---	(3-2-3)	+368	-.1	+2
Herd Owner, James G. Donnan & Sons, Galway.					
KING DUTCHLAND ONYX 786302----------	6 daughters--	17	11,406	3.4	386
Born, 1-27-39; proved, 6-15-49; dead; N. Y.	5 daughters--	14	11,369	3.4	384
Sire, 538202; dam, 1703689.	5 dams-------	21	13,312	3.4	455
Herd Owner, Edward R. Davie, Stanley.	Difference---	(1-2-1)	-1,943	.0	-71
KING INKA MAY CALAMITY 886253----------	6 daughters--	7	12,181	3.4	413
Born, 3-21-43; proved, 6-17-49;----; Wis.	6 dams-------	23	10,394	3.5	367
Sire, 717785; dam, 2253087.	Difference---	(5-1-5)	+1,787	-.1	+46
Herd Owner, Harvey Huck, Kewaunee.					
KING JEWEL PANSY SUSIE 779426----------	17 daughters-	28	11,658	3.7	435
Born, 8-4-38; proved, 6-15-49;----; Md.	9 daughters--	15	11,981	3.8	453
Sire, 677797; dam, 1640728.	9 dams-------	13	11,579	3.5	409
Herd Owner, David F. Grossnickle, Union Bridge.	Difference---	(5-7-7)	+402	+.3	+44
KING ORMSBY DUTCH MASTER 880000----------	7 daughters--	8	14,568	3.6	531
Born, 7-3-42; proved, 6-14-49;----; Wis.	6 daughters--	7	14,715	3.6	532
Sire, 681047; dam, 2122358.	6 dams-------	11	10,863	3.5	382
Herd Owner, Arthur J. Gafke, Ft. Atkinson.	Difference---	(6-5-6)	+3,852	+.1	+150
KING PRIMROSE ORMSBY FOBES 779461----------	7 daughters--	7	11,551	3.5	400
Born, 8-27-38; proved, 6-3-49; dead; Wis.	6 daughters--	6	11,873	3.5	415
Sire, 685870; dam, 1182960.	6 dams-------	33	11,683	3.6	422
Herd Owner, B. F. Brewer & Son, Berlin.	Difference---	(3-1-3)	+190	-.1	-7
KING SUGAR LAKEFIELD 843634----------	8 daughters--	12	13,126	3.4	443
Born, 9-26-41; proved, 6-27-49;----; Pa.	5 daughters--	9	12,591	3.5	441
Sire, 698278; dam, 1983006.	5 dams-------	13	13,163	3.7	490
Herd Owner, Amandus Kanagy, Belleville.	Difference---	(2-0-2)	-572	-.2	-49
KING VALDESSA ORMSBY BEETS 726663----------	10 daughters-	15	10,938	3.3	357
Born, 1-28-36; proved, 6-15-49;----; Pa.	8 daughters--	13	10,659	3.3	353
Sire, 726662; dam, 1429530.	8 dams-------	31	10,076	3.4	346
Herd Owner, Bethany Orphans' Home, Womelsdorf.	Difference---	(4-5-4)	+583	-.1	+7
KITTITAS GOVERNOR ORMSBY 21ST 839861----------	22 daughters-	29	13,594	3.5	477
Born, 1-23-39; proved, 6-17-49;----; Wash.	10 daughters-	11	13,023	3.5	459
Sire, 647269; dam, 1263[illegible].	10 dams------	12	15,670	3.3	521
Herd Owner, Herb Benson, Ly[illegible] .	Difference---	(3-8-4)	-2,647	+.2	-62
KORNDYKE ORMSBY BURKE DALE 827611----------	6 daughters--	6	8,793	3.2	285
Born, 6-1-41; proved, 6-2-49;----; Ill.	6 dams-------	17	7,370	3.6	264
Sire, 730067; dam, 2181646.	Difference---	(3-3-2)	+1,423	-.4	+21
Herd Owner, Ralph Hoffman, Dundee.					
KORNDYKE ORMSBY HOMESTEAD POSCH 791383----------	7 daughters--	7	10,698	3.3	357
Born, 9-28-39; proved, 6-15-49;----; Minn.	7 dams-------	11	9,283	3.3	303
Sire, 660825; dam, 1530371.	Difference---	(5-5-5)	+1,415	.0	+54
Herd Owner, Benton Rindahl, Barnesville.					
LATOM SIR EDUCATOR ALCARTRA 799054----------	6 daughters--	10	9,932	3.7	365
Born, 4-12-40; proved, 6-2-49;----; Wis.	6 dams-------	9	9,834	3.5	345
Sire, 769488; dam, 1632344.	Difference---	(3-5-3)	+98	+.2	+20
Herd Owner, Olous S. Kellesvig & Sons, Mt. Horeb.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LAUXMONT O JOBY 834607 *12----------	9 daughters--	16	11,645	3.9	452
Born, 10-21-41; proved, 6-29-49;----; Pa.	7 daughters--	12	11,483	3.9	445
Sire, 787409; dam, 1940147.	7 dams-------	21	10,696	3.5	378
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(6-7-6)	+787	+.4	+67
LAUXMONT SAFEMASTER RADOLL 849615----------	7 daughters--	12	8,799	3.5	308
Born, 3-16-42; proved, 6-8-49; dead; Pa.	7 dams-------	35	10,936	3.6	389
Sire, 751642; dam, 1820963.	Difference---	(0-3-0)	-2,137	-.1	-81
Herd Owner, Linair Dairy, Waverly.					
LAUXMONT SAFEMASTER SHADOON 868884----------	5 daughters--	5	12,516	3.5	438
Born, 3-1-43; proved, 6-17-49;----; Md.	5 dams-------	15	11,213	3.4	385
Sire, 751642; dam, 2253966.	Difference---	(4-4-4)	+1,303	+.1	+53
Herd Owner, Walter B. Coblentz, Frederick.					
LIBERTY HILL CARNATION ROMEO 828566----------	7 daughters--	9	10,582	3.6	385
Born, 4-11-41; proved, 6-14-49;----; N. Y.	7 dams-------	35	10,877	3.7	399
Sire, 739007; dam, 1902396.	Difference---	(3-4-4)	-295	-.1	-14
Herd Owner, Ralph F. Tilton, Ithaca.					
LOC-PINE SONNY VICTOR 863223----------	6 daughters--	6	12,440	3.7	460
Born, 12-1-42; proved, 6-23-49;----; Pa.	6 dams-------	20	10,970	3.5	388
Sire, 828322; dam, 1868928.	Difference---	(4-5-4)	+1,470	+.2	+72
Herd Owner, Emanuel M. Zeigler, Mechanicsburg.					
LONGCLI ' TRIUNE KORNDYKE 787368----------	6 daughters--	9	12,036	3.7	441
Born, 7-13-37; proved, 6-6-49;----; Ind.	5 daughters--	7	11,967	3.7	441
Sire, 689954; dam, 894141.	5 dams-------	18	10,249	3.5	363
Herd Owner, Logansport State Hospital, Logansport.	Difference---	(5-5-5)	+1,718	+.2	+78
LUCKY DAY GENERAL FOBES 778382----------	6 daughters--	11	13,617	3.5	474
Born, 12-5-38; proved, 6-6-49;----; Wis.	5 daughters--	9	13,435	3.5	475
Sire, 688763; dam, 1896787.	5 dams-------	18	11,545	3.5	405
Herd Owner, C. & H. Field, Mt. Horeb.	Difference---	(4-3-4)	+1,890	.0	+70
MAHOBROS CARNATION YARLAND 725579----------	16 daughters-	42	12,035	3.5	418
Born, 12-22-35; proved, 6-7-49;----; Va.	12 daughters-	30	12,409	3.5	434
Sire, 659870; dam, 1199828.	12 dams------	22	11,647	3.6	417
Herd Owner, Clifford F. Clark, Culpeper.	Difference---	(6-5-8)	+762	-.1	+17
MANFDELL MAN-O-WAR BARBETTA FOBES 850464----------	6 daughters--	6	15,744	3.3	515
Born, 2-27-42; proved, 6-6-49;----; Ind.	5 daughters--	5	15,981	3.3	526
Sire, 780708; dam, 1943313.	5 dams-------	9	12,256	3.3	407
Herd Owner, Indiana Soldiers' & Sailors' Children's Home, Knightstown.	Difference---	(5-3-5)	+3,725	.0	+119
MAN-O-WAR COLONEL ORMSBY 708518 *6----------	24 daughters-	52	11,294	3.4	383
Born, 3-10-34; proved, 6-2-49;----; Minn.	21 daughters-	45	11,454	3.4	384
Sire, 631834; dam, 1297672.	21 dams------	93	11,323	3.4	381
Herd Owner, August O. Dietz, Gaylord.	Difference---	(10-12-10)	+131	.0	+3
MAN-O-WAR FOBES POSCH 8TH 866599----------	5 daughters--	6	14,266	3.4	491
Born, 11-9-42; proved, 6-20-49;----; Iowa.	5 dams-------	20	16,830	3.5	589
Sire, 714945; dam, 1963573.	Difference---	(1-3-1)	-2,564	-.1	-98
Herd Owner, Barton McCuen & Son, Perry.					
MAN-O-WAR MAJESTIC POSCH 738259----------	5 daughters--	9	14,323	3.4	491
Born, 9-18-36; proved, 6-1-49;----; Wis.	5 dams-------	6	12,753	3.3	416
Sire, 511887; dam, 1433563.	Difference---	(4-4-4)	+1,570	+.1	+75
Herd Owner, Clayton Thompson, Elroy.					
MAN-O-WAR POSCH INKA 745383----------	11 daughters-	21	11,544	3.4	396
Born, 1-25-37; proved, 6-1-49;----; Iowa.	7 daughters--	11	12,561	3.4	429
Sire, 631829; dam, 1644412.	7 dams-------	21	12,150	3.5	421
Herd Owner, Amana Society, Amana.	Difference---	(3-3-3)	+411	-.1	+8
MAN-O-WAR PREMIER 28TH 773222----------	15 daughters-	16	10,890	3.5	380
Born, 1-4-39; proved, 6-17-49; dead; N. Y.	11 daughters-	11	11,162	3.5	386
Sire, 695635; dam, 1252658.	11 dams------	31	12,311	3.4	423
Used in New York Co-op. A. B. A., Inc.	Difference---	(3-7-3)	-1,149	+.1	-37
MAN-O-WAR PROGRESSOR 18TH 738428----------	12 daughters-	22	11,736	3.2	380
Born, 11-3-36; proved, 6-3-49;----; Minn.	9 daughters--	17	11,661	3.2	377
Sire, 673745; dam, 1630511.	9 dams-------	16	10,079	3.2	325
Herd Owner, L. L. Stewart & Sons, Anoka.	Difference---	(8-6-8)	+1,582	.0	+52
MAPLE AVE SIR DELLA FAYNE 809886----------	11 daughters-	21	10,236	3.8	388
Born, 8-30-40; proved, 6-23-49;----; Wis.	11 dams------	54	9,390	3.6	342
Sire, 741441; dam, 1887216.	Difference---	(7-8-9)	+846	+.2	+46
Herd Owner, Ralph H. Bayley, Lake Beulah.					
MARTYHOLM HOMESTEAD PIEBE 767278----------	9 daughters--	9	11,019	3.2	349
Born, 1-1-38; proved, 6-3-49;----; Wis.	5 daughters--	5	11,193	3.1	348
Sire, 707704; dam, 1573863.	5 dams-------	15	10,064	3.3	335
Herd Owner, Cecil Holloway, Monroe.	Difference---	(4-0-3)	+1,129	-.2	+13

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MARVALE TRITOMIA 784514----------	12 daughters-	12	9,802	3.5	345
Born, 12-14-38; proved, 6-7-49; dead; Nebr.	5 daughters--	5	9,536	3.5	336
Sire, 725425; dam, 2065256.	5 dams-------	5	10,219	3.6	366
Herd Owner, Edward Martin, Millard.	Difference---	(2-3-1)	-683	-.1	-30
MASTER MAN-O-WAR CLINTON 898959----------	6 daughters--	6	9,915	3.5	348
Born, 10-31-43; proved, 6-8-49;----; Ill.	6 dams-------	15	9,827	3.6	356
Sire, 806027; dam, 2069249.	Difference---	(4-3-4)	+88	-.1	-8
Herd Owner, William H. Schrage, Trenton.					
MATADOR CARNATION IRMA 766159----------	5 daughters--	7	10,183	3.3	335
Born, 5-28-38; proved, 6-7-49;----; Ind.	5 dams-------	13	13,608	3.3	453
Sire, 671584; dam, 1740465.	Difference---	(0-3-0)	-3,425	.0	-118
Herd Owner, Indiana State Reformatory, Pendleton.					
MATADOR SEGIS ORMSBY 17TH 716459----------	15 daughters-	26	10,652	3.3	356
Born, 3-9-35; proved, 6-1-49; dead; Minn.	10 daughters-	18	10,048	3.3	335
Sire, 396511; dam, 1463149.	10 dams------	32	13,065	3.5	463
Herd Owner, Tilney Farms, Lewisville.	Difference---	(2-2-1)	-3,017	-.2	-128
MAYFLOWER INKA PIETERTJE 863505----------	5 daughters--	5	10,253	3.7	379
Born, 12-2-42; proved, 6-21-49;----; Wis.	5 dams-------	27	9,826	3.6	354
Sire, 811875; dam, 1782846.	Difference---	(3-4-4)	+427	+.1	+25
Herd Owner, Herbert J. Eberhardt, Manitowoc.					
MCDONOGH GOLD PLATE 868479----------	9 daughters--	10	12,699	3.6	458
Born, 11-11-42; proved, 6-15-49; alive; Md.	6 daughters--	6	12,069	3.6	437
Sire, 788616; dam, 1840331.	6 dams-------	14	8,796	3.6	314
Herd Owner, R. H. Richardson, Westminster.	Difference---	(6-4-6)	+3,273	.0	+123
MEIERKORD TRIUNE NETHERLAND FOBES 855641----------	8 daughters--	8	12,638	3.4	435
Born, 5-6-42; proved, 6-23-49; alive; Colo.	7 daughters--	7	13,122	3.4	452
Sire, 600230; dam, 1434925.	7 dams-------	21	12,564	3.5	439
Herd Owner, Colorado School for Deaf & Blind, Colorado Springs.	Difference---	(4-4-3)	+558	-.1	+13
MEISEGEIER ANDY VALE CREATOR 780418----------	6 daughters--	8	12,019	3.5	420
Born, 9-4-38; proved, 6-9-49;----; Wis.	5 daughters--	7	12,187	3.4	419
Sire, 714231; dam, 1647759.	5 dams-------	10	11,953	3.7	441
Herd Owner, Myron Paulson, Cumberland.	Difference---	(3-1-2)	+234	-.3	-22
MELLERAY FOBES POLKADOT DELLA 759281----------	9 daughters--	11	9,316	3.6	340
Born, 11-5-37; proved, 6-6-49; dead; Wis.	9 dams-------	24	10,435	3.3	343
Sire, 674279; dam, 1832115.	Difference---	(3-9-5)	-1,119	+.3	-3
Herd Owner, St. Clara Academy, Sinsinawa.					
MENDOCINO MATCHLESS 699309----------	56 daughters-	72	14,081	3.5	489
Born, 4-10-34; proved, 6-16-49; dead; Calif.	16 daughters-	21	13,960	3.5	488
Sire, 654607; dam, 885578.	16 dams------	21	12,860	3.5	453
Herd Owner, Stockton State Hospital, Stockton.	Difference---	(12-11-10)	+1,100	.0	+35
MERNDALE ELMER HARK 747767----------	6 daughters--	13	9,893	3.7	366
Born, 12-21-36; proved, 6-1-49;----; Iowa.	5 daughters--	12	9,979	3.6	358
Sire, 660575; dam, 1282125.	5 dams-------	20	11,476	3.5	397
Herd Owner, H. F. Rechkemmer & Sons, Oelwein.	Difference---	(1-4-1)	-1,497	+.1	-39
M H C MASTER ECHO 850924----------	7 daughters--	8	12,173	3.3	400
Born, 8-5-41; proved, 6-24-49;----; Md.	6 daughters--	7	12,294	3.3	400
Sire, 727510; dam, 1811174.	6 dams-------	14	11,310	3.3	374
Herd Owner, Alvin Edwards & Son, Ridgely.	Difference---	(4-3-3)	+984	.0	+26
MIDLANE DUKE BEETS 841360----------	8 daughters--	10	5,399	3.9	212
Born, 9-6-41; proved, 6-27-49; dead; Md.	5 daughters--	6	4,687	3.9	185
Sire, 780059; dam, 2045179.	5 dams-------	9	6,736	3.3	224
Herd Owner, H. C. Smith, Rockville.	Difference---	(1-5-3)	-2,049	+.6	-39
MIKE DELLA PAPOOSE 743301----------	10 daughters-	20	8,563	3.7	316
Born, 2-16-37; proved, 6-1-49;----; Iowa.	9 daughters--	18	8,652	3.7	317
Sire, 654501; dam, 1629487.	9 dams-------	25	10,021	3.3	335
Herd Owner, Erlin R. Lomen, Decorah.	Difference---	(2-9-4)	-1,369	+.4	-18
MILKDALE ARISTOCRAT ROSIE SYLVIUS 818222----------	7 daughters--	9	10,788	3.5	377
Born, 3-20-40; proved, 6-17-49;----; N. Y.	5 daughters--	6	10,959	3.5	383
Sire, 771243; dam, 1729310.	5 dams-------	11	10,959	3.6	397
Herd Owner, Ralph G. Wing & Son, Norfolk.	Difference---	3-2-3)	0	-.1	-14
MINSCHO PONTIAC BURKE 775257----------	6 daughters--	11	9,540	3.5	331
Born, 11-25-38; proved, 6-17-49;----; Minn.	5 daughters--	9	9,684	3.5	336
Sire, 592444; dam, 1339057.	5 dams-------	15	11,605	3.2	370
Herd Owner, State School & Colony, Faribault.	Difference---	(1-5-1)	-1,921	+.3	-34
M M LUDWIG DE KOL 859584----------	12 daughters-	12	14,851	3.5	524
Born, 10-28-42; proved, 6-21-49;----; Wis.	12 dams------	61	12,914	3.5	451
Sire, 713951; dam, 1778178.	Difference---	(11-7-11)	+1,937	.0	+73
Herd Owner, Edwin E. Kruse, Loganville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MONANFRAN COUNT INKA POSCH (TWIN) 873415----------	5 daughters--	5	10,734	3.5	380
Born, 4-7-42; proved, 6-7-49;----; N. Y.	5 dams-------	9	10,679	3.4	366
Sire, 777948; dam, 1972585.	Difference---	(2-4-2)	+55	+.1	+14
Herd Owner, E. P. Smith, Sherburne.					
MOOSEHEART ADMIRAL DE KOL 860374----------	6 daughters--	6	10,751	3.8	407
Born, 10-15-42; proved, 6-17-49;----; Ill.	6 dams-------	20	12,325	3.5	432
Sire, 779713; dam, 1730591.	Difference---	(0-6-3)	-1,574	+.3	-25
Herd Owner, Mooseheart Farm, Mooseheart.					
MOOSEHEART SIR INKA FOBES 727381----------	7 daughters--	9	13,183	3.6	471
Born, 6-16-36; proved, 6-8-49;----; Ill.	6 daughters--	8	13,427	3.5	475
Sire, 640076; dam, 1351502.	6 dams-------	11	10,095	3.6	360
Herd Owner, J. Howard Swanzey & Dietmier, Ridott.	Difference---	(6-3-6)	+3,332	-.1	+115
MYRTLE DELL CHIEF ORMSBY SKYLARK 895404----------	7 daughters--	7	9,348	3.8	352
Born, 2-14-43; proved, 6-15-49;----; Iowa.	7 dams-------	13	9,750	3.9	375
Sire, 815889; dam, 1916471.	Difference---	(5-3-4)	-402	-.1	-23
Herd Owner, Anker P. Juhl & Sons, Waverly.					
NEVADA ORMSBY HEILO 2D 891323----------	9 daughters--	9	10,884	3.5	386
Born, 12-24-42; proved, 6-17-49;----; Colo.	6 daughters--	6	11,257	3.5	398
Sire, 787022; dam, 1956628.	6 dams-------	22	11,336	3.8	431
Herd Owner, Sinton Dairy Farm Co., Colorado Springs.	Difference---	(4-2-3)	-79	-.3	-33
NEWMONT MAJOR ARBO 780190----------	16 daughters-	37	9,436	3.6	340
Born, 1-22-39; proved, 6-13-49;----; Vt.	11 daughters-	22	9,647	3.6	343
Sire, 731387; dam, 1788692.	11 dams------	27	10,791	3.5	376
Herd Owner, Dana Farms, Stowe.	Difference---	(3-8-4)	-1,144	+.1	-33
NEWMONT TRAVELLER 854572----------	6 daughters--	6	11,690	3.6	415
Born, 5-9-42; proved, 6-27-49;----; N. Y.	6 dams-------	23	10,558	3.5	372
Sire, 800948; dam, 1204273.	Difference---	(4-4-4)	+1,132	+.1	+43
Herd Owner, F. Murray Wigsten, Poughkeepsie.					
NORFOLK P C MIDDLETON ASIATIC LAD 782155----------	5 daughters--	10	11,045	3.3	364
Born, 9-20-37; proved, 6-7-49; dead; Mass.	5 dams-------	21	12,192	3.1	374
Sire, 588676; dam, 1348787.	Difference---	(0-4-1)	-1,147	+.2	-10
Herd Owner, Norfolk County Farm, Walpole.					
NORTH STAR GYPSY GENT 786791----------	14 daughters-	17	13,095	3.4	445
Born, 11-11-39; proved, 6-7-49;----; Iowa.	11 daughters-	13	13,126	3.4	449
Sire, 742938; dam, 1975664.	11 dams------	22	12,588	3.4	433
Herd Owner, William F. Voelker & Sons, Ryan.	Difference---	(7-8-8)	+538	.0	+16
NORTH STAR ONEONTA 870031----------	6 daughters--	6	12,978	3.7	486
Born, 2-4-43; proved, 6-10-49; dead; Ariz.	5 daughters--	5	13,108	3.7	488
Sire, 742938; dam, 1990029.	5 dams-------	18	12,159	3.6	433
Used in Arizona A. B. A.	Difference---	(4-4-4)	+949	+.1	+55
NORTH STAR TOM SAWYER 793125----------	10 daughters-	14	10,622	3.5	375
Born, 2-13-40; proved, 6-6-49;----; Minn.	7 daughters--	10	10,323	3.5	359
Sire, 742938; dam, 1915390.	7 dams-------	17	9,894	3.4	334
Herd Owner, Joe Madline, Stillwater.	Difference---	(3-6-3)	+429	+.1	+25
NORTH STAR VIGILANT CON 881279----------	7 daughters--	7	13,714	3.6	493
Born, 5-13-43; proved, 6-8-49; dead; Minn.	5 daughters--	5	14,351	3.6	521
Sire, 764118; dam, 1976699.	5 dams-------	17	13,802	3.3	459
Herd Owner, St. Cloud Orphanage, St. Cloud.	Difference---	(3-5-4)	+549	+.3	+62
OAK BEND MONTVIC CHIEFTAIN LASSIE 860472----------	5 daughters--	6	12,016	3.4	407
Born, 3-4-42; proved, 6-24-49;----; Mich.	5 dams-------	7	11,314	3.5	395
Sire, 760346; dam, 1752443.	Difference---	(4-1-2)	+702	-.1	+12
Herd Owner, L. B. Sappington, Romeo.					
OLIRLICH MASTER OF ELDONSON 897783----------	5 daughters--	5	9,000	3.8	344
Born, 10-18-43; proved, 6-8-49;----; Wis.	5 dams-------	10	11,830	3.5	418
Sire, 780059; dam, 2053377.	Difference---	(0-5-0)	-2,830	+.3	-74
Herd Owner, Donald W. Johnson, Rice Lake.					
OLLIE BUTTERCUP HARK 876338----------	6 daughters--	6	13,474	3.6	481
Born, 1-27-43; proved, 6-8-49;----; Ill.	6 dams-------	19	11,312	3.7	419
Sire, 754053; dam, 1930855.	Difference	(5-2-5)	+2,162	-.1	+62
Herd Owner, Ernest L. Worner, Washington.					
OLLIE ECHO PIETERTJE 770242----------	9 daughters--	11	8,122	3.6	294
Born, 7-5-38; proved, 6-9-49; dead; N. Y.	7 daughters--	8	8,864	3.6	315
Sire, 694019; dam, 1904468.	7 dams-------	11	9,387	3.7	343
Herd Owner, Joseph Bacon, La Fargeville.	Difference---	(4-2-2)	-523	-.1	-28
OOSTIE ENCHANTER 887485----------	6 daughters--	6	15,764	3.4	532
Born, 2-23-43; proved, 6-14-49;----; Wis.	5 daughters--	5	15,292	3.3	508
Sire, 727000; dam, 2170706.	5 dams-------	15	14,474	3.3	475
Herd Owner, Theodore Christoph & Son, Chilton.	Difference---	(2-3-3)	+818	.0	+33

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ORMSBY B B SEGIS ONA 794281----------	8 daughters--	9	10,036	3.4	345
Born, 10-10-38; proved, 6-1-49;----; Wis.	7 daughters--	8	10,308	3.4	347
Sire, 733757; dam, 2113318.	7 dams-------	12	9,380	3.7	344
Herd Owner, Ray Wiest, Mount Horeb.	Difference---	(4-1-4)	+928	-.3	+3
ORMSBY BURKE BUTTERCUP 850743----------	7 daughters--	10	8,614	3.8	325
Born, 2-16-42; proved, 6-22-49;----; Pa.	6 daughters--	9	8,714	3.8	329
Sire, 787014; dam, 1952072.	6 dams-------	13	10,571	3.6	382
Herd Owner, Jay F. Weber, Mechaniceburg.	Difference---	(0-5-1)	-1,857	+.2	-53
ORMSBY NETHERLAND SEGIS INKA 831796----------	10 daughters-	18	10,225	3.3	339
Born, 10-4-41; proved, 6-24-49;----; Pa.	5 daughters--	9	9,923	3.3	323
Sire, 779939; dam, 1820590.	5 dams-------	6	10,449	3.0	314
Herd Owner, Smith Brothers, Conneautville.	Difference---	(2-5-3)	-526	+.3	+9
ORMSBY SEGIS MATADOR LAD 789838----------	8 daughters--	16	10,673	3.4	365
Born, 10-5-38; proved, 6-13-49;----; Minn.	5 daughters--	9	11,289	3.4	379
Sire, 701529; dam, 1782682.	5 dams-------	15	10,121	3.5	350
Herd Owner, Herbert Dressel, Maple Plain.	Difference---	(4-3-4)	+1,168	-.1	+29
OSBORNDALE DANIEL INKA MAY 726892----------	13 daughters-	17	10,346	3.5	363
Born, 11-21-35; proved, 6-21-49;----; N. C.	7 daughters--	10	10,641	3.5	374
Sire, 521877; dam, 1489417.	7 dams-------	8	10,139	3.3	336
Herd Owner, N. C. State School for Blind & Deaf, Raleigh.	Difference---	(4-5-4)	+502	+.2	+38
OSBORNDALE INSPIRATION (TWIN) 786935----------	16 daughters-	24	10,965	3.4	377
Born, 9-18-39; proved, 6-10-49;----; N. Y.	6 daughters--	9	11,373	3.5	397
Sire, 521877; dam, 1779689.	6 dams-------	13	10,961	3.2	355
Herd Owner, W. G. Jones & Son, Lisbon.	Difference---	(4-5-4)	+412	+.3	+42
OSBORNDALE POPULAR BRAND 844730----------	5 daughters--	5	11,739	3.5	410
Born, 9-20-41; proved, 6-6-49; dead; N. Y.	5 dams-------	10	14,738	3.6	534
Sire, 760642; dam, 1918100.	Difference---	(0-2-0)	-2,999	-.1	-124
Herd Owner, Charles Clark & Son, Camden.					
OSBORNDALE RAG APPLE INKA ORMSBY 781209----------	9 daughters--	18	10,162	3.7	378
Born, 10-16-38; proved, 6-1-49;----; Conn.	7 daughters--	15	10,409	3.7	384
Sire, 722342; dam, 1792376.	7 dams-------	23	9,880	3.5	348
Herd Owner, L. B. Newton & Sons, South Kent.	Difference---	(3-6-3)	+529	+.2	+36
OSBORNDALE SIR AAGGIE INKA MAY 726334----------	24 daughters-	34	9,250	3.5	322
Born, 9-26-35; proved, 6-29-49;----; Vt.	14 daughters-	20	9,194	3.6	329
Sire, 521877; dam, 1095043.	14 dams------	26	9,739	3.3	323
Herd Owner, Vermont State Prison Farm, Windsor.	Difference---	(7-13-7)	-545	+.3	+6
OSBORNDALE SIR JEWEL ORMSBY INKA 743901----------	7 daughters--	17	12,918	3.6	460
Born, 9-12-36; proved, 6-1-49;----; Conn.	5 daughters--	12	13,541	3.5	479
Sire, 521877; dam, 950855.	5 dams-------	17	15,403	3.2	494
Herd Owner, Quality Farm, Lakeville.	Difference---	(1-5-3)	-1,862	+.3	-15
PABST BARTA CASCADER BESS 832577----------	6 daughters--	9	10,279	3.4	350
Born, 6-26-41; proved, 6-10-49;----; Wis.	6 dams-------	27	11,532	3.5	400
Sire, 761980; dam, 1735548.	Difference---	(1-3-1)	-1,253	-.1	-50
Herd Owner, Ben Sadoff, Fond du Lac.					
PABST BARTA ORMSBY FORES 845344----------	6 daughters--	8	10,793	3.6	384
Born, 3-19-42; proved, 6-23-49;----; Ill.	5 daughters--	7	10,698	3.6	383
Sire, 761980; dam, 1940999.	5 dams-------	8	9,416	3.5	329
Herd Owner, John T. Cunningham, Jr., Polo.	Difference---	(4-5-4)	+1,282	+.1	+54
PABST BARTA PRIDE WAYNE 845335----------	10 daughters-	12	12,072	3.6	433
Born, 2-12-42; proved, 6-6-49;----; Wis.	7 daughters--	8	11,525	3.7	421
Sire, 761980; dam, 2071770.	7 dams-------	7	12,689	3.5	444
Herd Owner, Rolland D. Eager, Hancock.	Difference---	(1-5-4)	-1,164	+.2	-23
PABST BARTA PRILLY WAYNE 3D 86[illegible]----------	6 daughters--	7	16,237	3.4	550
Born, 12-21-42; proved, 6-17-4[illegible]---; Ind.	5 daughters--	6	16,411	3.4	559
Sire, 823785; dam, 2201519.	5 dams-------	7	12,302	3.3	411
Herd Owner, Spangle & Korth, Leesburg.	Difference---	(4-5-4)	+4,109	+.1	+148
PABST BURKE PRIDE 879941----------	6 daughters--	6	14,874	3.7	545
Born, 7-15-43; proved, 6-8-49;----; Wis.	6 dams-------	22	14,748	3.5	518
Sire, 697789; dam, 2088447.	Difference---	(2-5-3)	+126	+.2	+27
Herd Owner, Arthur Karstaedt, Newton.					
PABST SIR BELMONT LAD 793443----------	18 daughters-	21	12,944	3.6	460
Born, 3-21-40; proved, 6-8-49;----; Wis.	15 daughters-	17	12,623	3.5	445
Sire, 678994; dam, 1865555.	15 dams------	39	12,560	3.5	436
Herd Owner, Waukesha County Farm & Asylum, Waukesha.	Difference---	(10-10-9)	+63	.0	+9
PABST SIR ROYAL PRAIRIE 782180----------	10 daughters-	11	9,378	3.4	335
Born, 6-6-39; proved, 6-16-49;----; Wis.	10 dams------	15	11,801	3.5	409
Sire, 743480; dam, 1834390.	Difference---	(1-3-1)	-1,823	-.1	-74
Herd Owner, Alfred Haigh, Alma.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PABST SIR TRIUNE GLENFIELD 839316----------	6 daughters--	8	9,988	3.6	360
Born, 12-25-41; proved, 6-29-49;----; Wis.	6 dams-------	24	11,487	3.6	410
Sire, 780310; dam, 1823835.	Difference---	(2-3-2)	-1,499	.0	-50
Herd Owner, Norris Farm School, Mukwonago.					
PAGANOK ADMIRAL ORMSBY DEAN 774212----------	9 daughters--	15	12,523	3.6	456
Born, 11-1-38; proved, 6-7-49;----; Ill.	7 daughters--	7	13,037	3.6	474
Sire, 717831; dam, 1646596.	7 dams-------	19	12,321	3.6	442
Herd Owner, George W. Maxwell, Champaign.	Difference---	(4-5-4)	+716	.0	+32
PARAMOUNT ORMSBY NELLIE BELMONT 863840----------	6 daughters--	6	14,018	3.9	541
Born, 1-17-43; proved, 6-22-49;----; Minn.	6 dams-------	18	12,826	3.6	465
Sire, 793848; dam, 1593629.	Difference---	(5-5-5)	+1,192	+.3	+76
Herd Owner, Helmer Morkre, Zumbrota.					
PAY LINE TESS PRIDE 898311----------	7 daughters--	7	15,821	3.6	575
Born, 9-27-43; proved, 6-8-49;----; Kans.	6 daughters--	6	15,373	3.7	563
Sire, 735433; dam, 1791087.	6 dams-------	23	14,317	3.4	493
Herd Owner, M. A. Shultz & Son, Pretty Prairie.	Difference---	(3-6-6)	+1,056	+.3	+70
PEERLESS BUTTER BOY SUMMIT 790008----------	14 daughters-	26	10,648	3.4	365
Born, 10-12-39; proved, 6-7-49;----; Mich.	6 daughters--	10	11,107	3.3	369
Sire, 749593; dam, 1299890.	6 dams-------	12	10,791	3.2	348
Herd Owner, Claude L. Wood, Brown City.	Difference---	(3-5-3)	+316	+.1	+21
PENDER VALLEY ONA ORMSBY PRIDE 852052----------	6 daughters--	6	11,045	3.7	407
Born, 10-2-41; proved, 6-22-49;----; N. Y.	6 dams-------	15	11,178	3.7	414
Sire, 827574; dam, 1913475.	Difference---	(3-2-3)	-133	.0	-7
Herd Owner, Thomas Kane & Sons, Addison.					
PERFECTION ORMSBY KING 703086----------	9 daughters--	11	12,952	3.5	456
Born, 7-10-34; proved, 6-21-49;----; Ind.	6 daughters--	8	12,495	3.5	437
Sire, 671573; dam, 1602698.	6 dams-------	13	16,644	3.6	592
Herd Owner, Harry Rosenbury, Rochester.	Difference---	(0-3-1)	-4,149	-.1	-155
PIERE SEGIS KORNDYKE DE KOL 755984----------	12 daughters-	32	10,984	3.7	405
Born, 8-24-34; proved, 6-2-49;----; Kans.	11 daughters-	26	10,656	3.7	394
Sire, 668884; dam, 1137485.	11 dams------	47	9,738	3.5	344
Herd Owner, McConnell Brothers, Cherryvale.	Difference---	(7-8-8)	+918	+.2	+50
PIERE STAR PONTIAC 816157----------	15 daughters-	25	10,193	3.5	361
Born, 11-4-39; proved, 6-6-49;----; Pa.	7 daughters--	10	10,166	3.5	352
Sire, 720660; dam, 1475274.	7 dams-------	12	11,568	3.6	419
Herd Owner, Walter Holt, Centre Hall.	Difference---	(2-1-1)	-1,402	-.1	-67
PIGEON LAKE BLACK BEAUTY 785785----------	6 daughters--	8	14,440	3.0	433
Born, 7-17-36; proved, 6-7-49; dead; Wis.	6 dams-------	14	10,387	3.2	327
Sire, 646022; dam, 1662954.	Difference---	(6-1-5)	+4,053	-.2	+106
Herd Owner, Adolph C. Feifarek, Peshtigo.					
PIEGON LAKE GOVERNOR BEAUTY LAD 801997----------	8 daughters--	12	12,818	3.1	395
Born, 7-30-37; proved, 6-15-49;----; Wis.	6 daughters--	10	12,710	3.1	391
Sire, 646022; dam, 1751227.	6 dams-------	13	11,372	3.2	363
Herd Owner, Adolph C. Feifarek, Peshtigo.	Difference---	(4-2-3)	+1,338	-.1	+28
PINEHURST DUKE FOBES VICKERY 777488----------	5 daughters--	12	9,357	3.4	317
Born, 4-13-39; proved, 6-14-49;----; Wis.	5 dams-------	22	10,428	3.7	388
Sire, 723901; dam, 1933406.	Difference---	(2-0-1)	-1,071	-.3	-71
Herd Owner, Pinehurst Farm, Sheboygan Falls.					
POLK DE KOL CREAMELLE 860819----------	6 daughters--	6	12,927	3.8	487
Born, 10-26-42; proved, 6-23-49;----; Pa.	6 dams-------	18	14,956	3.6	534
Sire, 734510; dam, 1927209.	Difference---	(0-6-0)	-2,029	+.2	-47
Herd Owner, McKean County Home, Smethport.					
POPEVALE SIR POSCH KORNDYKE 772669----------	14 daughters-	20	8,801	3.5	307
Born, 4-9-39; proved, 6-13-49;----; Wis.	11 daughters-	17	9,163	3.6	326
Sire, 741862; dam, 1977601.	11 dams------	34	9,528	3.5	331
Herd Owner, William Thorpe, Sharon.	Difference---	(4-7-7)	-365	+.1	-5
POSCH ORMSBY FOBES 24TH 774627----------	7 daughters--	12	12,887	3.4	440
Born, 12-13-38; proved, 6-9-49; dead; Nebr.	5 daughters--	9	12,619	3.4	430
Sire, 623972; dam, 1725091.	5 dams-------	28	12,896	3.5	445
Herd Owner, State Board of Control, Lincoln.	Difference---	(2-1-2)	-277	-.1	-15
PRILLY BESSIE SEGIS 6TH 850142----------	9 daughters--	9	11,519	3.4	393
Born, 4-24-42; proved, 6-24-49;----; N. Y.	5 daughters--	5	12,159	3.4	410
Sire, 719432; dam, 1252658.	5 dams-------	9	11,125	3.8	422
Herd Owner, Harold Cushing, Canajoharie.	Difference---	(4-0-3)	+1,034	-.4	-12
PRINCE KOLENHURST BANOSTINE 746913----------	8 daughters--	13	12,304	3.3	410
Born, 10-9-36; proved, 6-7-49;----; Wis.	6 daughters--	8	12,145	3.3	403
Sire, 698774; dam, 1744159.	6 dams-------	10	12,067	3.2	390
Herd Owner, John Myers, Colfax.	Difference---	(3-5-4)	+78	+.1	+13

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RAGOSA BESS SEGIS 883588----------	6 daughters--	8	12,269	3.7	452
Born, 11-17-42; proved, 6-8-49;----; Wis.	6 dams-------	16	12,386	3.5	436
Sire, 819291; dam, 1928582.	Difference---	(3-4-3)	-117	+.2	+16
Herd Owner, Myron Klotz, Plain.					
RAINBOW CAPTAIN BOLD 2D 863870----------	7 daughters--	8	14,076	3.1	435
Born, 12-27-42; proved, 6-23-49;----; Mich.	5 daughters--	6	13,895	3.1	430
Sire, 822580; dam, 2012426.	5 dams-------	14	12,122	3.1	379
Herd Owner, Henry L. Hewitt & Sons, Elkton.	Difference---	(5-1-4)	+1,773	.0	+51
RAINBOW SIR BESS ROSE 21ST 899629----------	7 daughters--	7	15,731	3.7	584
Born, 7-19-43; proved, 6-8-49; dead; S. Dak.	6 daughters--	6	16,139	3.7	599
Sire, 724856; dam, 2155064.	6 dams-------	18	13,524	3.8	512
Herd Owner, Robert L. Cotton, Parker.	Difference---	(5-2-6)	+2,615	-.1	+87
RAVENGLEN SENATOR CANARY ORMSBY 860697----------	6 daughters--	6	12,426	3.3	407
Born, 10-30-42; proved, 6-23-49;----; Wis.	6 dams-------	27	12,135	3.5	429
Sire, 741205; dam, 2201534.	Difference---	(3-1-2)	+291	-.2	-22
Herd Owner, Lauritz Laursen, Union Grove.					
REDFIELD KORNDYKE SEGIS KING 853195----------	5 daughters--	5	9,598	3.7	352
Born, 7-6-42; proved, 6-8-49; dead; N. Dak.	5 dams-------	15	10,272	3.4	350
Sire, 695432; dam, 1894564.	Difference---	(0-5-2)	-674	+.3	+2
Herd Owner, State Hospital for Insane, Jamestown.					
REGIER POLKADOT TRIUNE KING 859607----------	9 daughters--	9	14,091	3.6	508
Born, 9-7-42; proved, 6-21-49;----; Kans.	6 daughters--	6	14,928	3.6	534
Sire, 765084; dam, 1941569.	6 dams-------	13	12,980	3.3	433
Herd Owner, Heersche Brothers, Mulvane.	Difference---	(4-5-6)	+1,948	+.3	+101
RIDGEMONT GOVERNOR CREATOR 789544----------	29 daughters-	57	13,237	3.4	448
Born, 12-9-38; proved, 6-17-49;----; Wash.	6 daughters--	10	14,015	3.4	482
Sire, 677084; dam, 1805727.	6 dams-------	15	13,229	3.4	449
Herd Owner, H. L. Soames, Kent.	Difference---	(4-4-5)	+786	.0	+33
ROBTHOM ADMIRAL CHAMP WALKER 817915----------	6 daughters--	7	11,219	3.6	402
Born, 9-27-40; proved, 6-15-49;----; Mo.	6 dams-------	25	12,308	3.7	451
Sire, 761372; dam, 1787547.	Difference---	(2-4-3)	-1,089	-.1	-49
Herd Owner, Robert F. Thomson, Springfield.					
ROLMAR SIR PEARL P O F 807926----------	9 daughters--	17	12,162	3.5	427
Born, 6-11-40; proved, 6-8-49; alive; N. J.	8 daughters--	16	12,033	3.5	425
Sire, 701073; dam, 1548142.	8 dams-------	17	12,921	3.3	433
Herd Owner, I. D. Phillips, Somerville.	Difference---	(2-7-4)	-888	+.2	-8
ROSECHEN AUTOCRAT 913432----------	5 daughters--	5	12,092	3.7	445
Born, 9-17-43; proved, 6-16-49;----; Pa.	5 dams-------	19	11,933	3.5	417
Sire, 741318; dam, 2144808.	Difference---	(3-3-3)	+159	+.2	+28
Used in First Pennsylvania Co-op. A. B. A.					
ROSE HARBOR TRITOMIA DUKE 775877----------	10 daughters-	20	12,012	3.4	408
Born, 11-14-36; proved, 6-6-49; dead; Iowa.	5 daughters--	10	12,530	3.5	439
Sire, 669773; dam, 1528284.	5 dams-------	9	14,005	3.3	467
Herd Owner, Carl W. Borcherding, Latimer.	Difference---	(2-4-2)	-1,475	+.2	-28
ROSNI HOMESTEAD GERBEN 867620----------	5 daughters--	5	12,916	3.4	436
Born, 9-7-42; proved, 6-20-49;----; Va.	5 dams-------	12	13,030	3.5	451
Sire, 666739; dam, 1841232.	Difference---	(3-3-4)	-114	-.1	-15
Herd Owner, Frank S. Walker, Orange.					
RUSH MUTUAL SEGIS PETER 744200----------	5 daughters--	13	10,272	3.3	338
Born, 11-24-36; proved, 6-6-49; dead; Minn.	5 dams-------	13	11,260	3.6	407
Sire, 695430; dam, 1220727.	Difference---	(3-0-1)	-988	-.3	-69
Herd Owner, Rasmus Villebro, Hill City.					
ST CROIXCO BURKE ORMSBY EMPEROR 856813----------	7 daughters--	12	12,863	3.7	475
Born, 2-19-42; proved, 6-27-49;----; Wis.	6 daughters--	11	13,175	3.7	489
Sire, 750270; dam, 1810051.	6 dams-------	30	12,271	3.7	454
Herd Owner, Nick P. Becker, Almena.	Difference---	(4-2-4)	+904	.0	+35
SAMMAY INKARNATION FORTS 812838----------	9 daughters--	11	10,764	3.3	358
Born, 10-17-40; proved, 6-10-49;----; Wis.	5 daughters--	7	10,786	3.3	359
Sire, 770603; dam, 2004388.	5 dams-------	15	10,015	3.6	363
Herd Owner, Arthur Biedermann, Columbus.	Difference---	(4-1-3)	+771	-.3	-4
SEGIS BACHELOR AAGGIE 778568----------	61 daughters-	104	12,212	3.4	418
Born, 2-5-39; proved, 6-17-49;----; Mo.	58 daughters-	95	12,226	3.4	419
Sire, 738241; dam, 1678445.	58 dams------	259	12,484	3.3	410
Herd Owner, Church Farm Dairy, Jefferson City.	Difference---	(24-47-30)	-258	+.1	+9
SEGIS BURKE KONIGEN 845495----------	6 daughters--	7	10.668	3.4	360
Born, 9-30-41; proved, 6-7-49;----; Conn.	6 dams-------	20	12,176	3.5	424
Sire, 724343; dam, 2039943.	Difference---	(2-4-1)	-1,508	-.1	-64
Herd Owner, Simon Brewster, Jewett City.					

HOLSTEIN SIRES	Animals	Herds averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SEGIS PONTIAC VON HOLINGEN 728204----------	5 daughters--	14	12,356	3.5	431
Born, 8-26-36; proved, 6-8-49; dead; Pa.	5 dams-------	17	11,053	3.4	380
Sire, 677809; dam, 1508788.	Difference---	(4-4-5)	+1,303	+.1	+51
Herd Owner, Harry J. Michael, Easton.					
SENATOR INKA MAN-O-WAR 741290----------	24 daughters-	35	10,072	3.9	392
Born, 9-5-36; proved, 6-3-49; dead; Idaho.	17 daughters-	28	10,156	3.5	356
Sire, 699753; dam, 1747627.	17 dams------	41	11,308	3.3	371
Herd Owner, Harris Mickelson, Lago.	Difference---	(5-11-9)	-1,152	+.2	-15
SENOR FOBES SEGIS 895461----------	11 daughters-	12	11,195	3.4	371
Born, 9-20-42; proved, 6-8-49;----; Mich.	9 daughters--	10	10,991	3.4	373
Sire, 794946; dam, 2105489.	9 dams-------	17	12,976	3.4	446
Herd Owner, G. S. Hall, Croswell.	Difference---	(1-3-1)	-1,985	.0	-73
SENSATION MONTVIC PATHFINDER 861124----------	6 daughters--	6	10,936	3.3	366
Born, 9-24-42; proved, 6-24-49;----; Wis.	6 dams-------	34	10,393	3.5	366
Sire, 721278; dam, 2112399.	Difference---	(4-2-2)	+543	-.2	-2
Herd Owner, Chris C. Jensen & Sons, Colfax.					
SILVIS FARM PRILLY DEAN MARATHON 874673----------	7 daughters--	8	11,909	3.6	426
Born, 2-20-43; proved, 6-17-49; dead; Pa.	7 dams-------	41	11,737	3.5	408
Sire, 760340; dam, 2037957.	Difference---	(5-5-4)	+172	+.1	+18
Herd Owner, Earl L. Marshall, Home.					
SINKING SPRINGS JUNIOR APPLE 800466----------	5 daughters--	10	9,143	3.7	341
Born, 1-19-40; proved, 6-2-49;----; Pa.	5 dams-------	21	13,483	3.3	440
Sire, 760856; dam, 1916259.	Difference---	(1-5-1)	-4,340	+.4	-99
Herd Owner, David R. Moll, Hamburg.					
SIR BESSIE FOBES PIETS 869093----------	5 daughters--	6	12,106	3.5	421
Born, 2-21-43; proved, 6-17-49;----; Mich.	5 dams-------	10	11,650	3.3	385
Sire, 805096; dam, 2145788.	Difference---	(3-3-3)	+456	+.2	+36
Herd Owner, Burkhart & Andrew Jackson, Howell.					
SIR BILLY INKA TRIUNE FOBES (TWIN) 867183----------	6 daughters--	6	13,224	3.4	450
Born, 10-6-42; proved, 6-10-49; alive; Kans.	5 daughters--	5	12,968	3.5	449
Sire, 707379; dam, 1708186.	5 dams-------	13	10,954	3.4	374
Used in Northwest Oklahoma A. B. A., Okla.	Difference---	(4-2-4)	+2,014	+.1	+75
SIR BOS KORNDYKE SEGIS IDEAL 726419----------	11 daughters-	24	12,125	3.4	417
Born, 11-15-34; proved, 6-15-49;----; Oreg.	9 daughters--	20	12,527	3.4	429
Sire, 702623; dam, 1329662.	9 dams-------	19	9,340	3.2	301
Herd Owner, St. Benedict's Abbey, St. Benedict.	Difference---	(8-9-9)	+3,187	+.2	+128
SIR DENVER TOBE 738475----------	10 daughters-	19	10,423	3.5	369
Born, 11-10-36; proved, 6-8-49;----; Pa.	6 daughters--	8	10,737	3.6	388
Sire, 664731; dam, 1478522.	6 dams-------	12	10,467	3.2	335
Herd Owner, Tiffdale Farms, Brooklyn.	Difference---	(4-5-3)	+270	+.4	+53
SIR FEMCO LADY PRIDE BUTTER KING 851205----------	12 daughters-	13	11,290	3.4	386
Born, 3-12-42; proved, 6-27-49; dead; Minn.	6 daughters--	7	12,127	3.5	420
Sire, 746410; dam, 2008952.	6 dams-------	6	9,869	3.2	319
Herd Owner, John Friedericks, Breckenridge.	Difference---	(5-4-5)	+2,258	+.3	+101
SIR INKA MAY 55TH 734528----------	9 daughters--	11	11,250	3.4	382
Born, 7-6-36; proved, 6-6-49; dead; N. Dak.	8 daughters--	9	11,602	3.4	394
Sire, 422078; dam, 874202.	8 dams-------	25	10,631	3.4	361
Herd Owner, State Hospital for Insane, Jamestown.	Difference---	(6-5-6)	+971	.0	+33
SIR INKA MAY DENVER 725375----------	6 daughters--	10	8,943	3.8	344
Born, 6-11-36; proved, 6-7-49;----; Va.	5 daughters--	9	9,057	3.9	350
Sire, 579868; dam, 1466658.	5 dams-------	17	11,257	3.7	418
Herd Owner, F. W. McComb, Bluemont.	Difference---	(0-4-1)	-2,200	+.2	-68
SIR INKA RUE ORMSBY BESS 612157----------	6 daughters--	18	9,349	3.5	326
Born, 3-9-30; proved, 6-24-49;----; Iowa.	5 daughters--	11	9,178	3.5	320
Sire, 555781; dam, 1255026.	5 dams-------	10	8,607	3.4	296
Herd Owner, Cecil H. Avise, Rockwell.	Difference---	(3-4-3)	+571	+.1	+24
SIR JEWEL DESIGN 850997----------	6 daughters--	8	11,089	3.6	396
Born, 3-3-42; proved, 6-7-49;----; Mich.	5 daughters--	7	12,146	3.5	431
Sire, 738106; dam, 1991910.	5 dams-------	14	12,330	3.4	424
Herd Owner, Elmer Robinson, Battle Creek.	Difference---	(2-5-3)	-184	+.1	+7
SIR MAN-O-WAR LASSIE POSCH 755685----------	6 daughters--	11	12,348	3.2	396
Born, 9-18-37; proved, 6-2-49; dead; Iowa.	6 dams-------	18	13,441	3.3	442
Sire, 631829; dam, 1725091.	Difference---	(2-2-2)	-1,093	-.1	-46
Herd Owner, Paul Rinderknecht, Cedar Rapids.					
SIR NIKO DE KOL ORMSBY 794928----------	7 daughters--	15	14,715	3.5	509
Born, 8-17-39; proved, 6-1-49;----; Calif.	5 daughters--	8	15,524	3.5	547
Sire, 710366; dam, 1792864.	5 dams-------	17	13,726	3.5	486
Herd Owner, Allen Johnson, Oakdale.	Difference---	(4-3-4)	+1,798	.0	+61

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR ORMSBY FOBES DICTATOR 55TH 857507----------	8 daughters--	10	12,244	3.7	458
Born, 8-30-42; proved, 6-28-49;----; Wis.	7 daughters--	8	12,185	3.6	444
Sire, 662443; dam, 1985121.	7 dams-------	12	11,814	3.8	447
Herd Owner, Ventnor Farm, Oconomowoc.	Difference---	(4-3-3)	+371	-.2	-3
SIR PIETERTJE ORMSBY LADY 764465----------	9 daughters--	14	11,595	4.0	464
Born, 10-22-38; proved, 6-14-49; dead; Mo.	5 daughters--	7	11,291	3.9	443
Sire, 745302; dam, 1923658.	5 dams-------	7	12,837	3.6	465
Herd Owner, Nelson Vogel, Easton.	Difference---	(2-3-2)	-1,546	+.3	-22
SIR PIETJE SURVIVOR 772069----------	7 daughters--	10	9,337	3.8	354
Born, 3-11-38; proved, 6-8-49;----; Conn.	5 daughters--	7	9,933	3.7	366
Sire, 589990; dam, 1360860.	5 dams-------	21	10,420	3.3	349
Herd Owner, Charles F. Treat, Orange.	Difference---	(2-5-3)	-487	+.4	+17
SIR SKYLARK COLANTHA LASS 786591----------	8 daughters--	11	11,793	3.4	405
Born, 12-8-39; proved, 6-17-49;----; Minn.	6 daughters--	9	12,013	3.5	416
Sire, 754520; dam, 1959002.	6 dams-------	19	12,417	3.6	441
Herd Owner, H. E. Williams & Sons, Lake Crystal.	Difference---	(2-4-2)	-404	-.1	-25
SOUTHERN CROSS DE KOL FOBES GOLDEN 876383----------	7 daughters--	7	11,841	3.5	418
Born, 2-10-43; proved, 6-16-49;----; Ind.	6 daughters--	6	11,862	3.5	417
Sire, 822709; dam, 1753635.	6 dams-------	20	12,156	3.3	397
Herd Owner, Kenneth Perkins, Hudson.	Difference---	(4-5-3)	-294	+.2	+20
SPRINGBANK ROYAL ARISTOCRAT 788023----------	23 daughters-	36	11,387	3.6	404
Born, 6-16-39; proved, 6-23-49;----; N. Y.	7 daughters--	10	11,834	3.5	410
Sire, 95520 CHB; dam, 211836 CHB.	7 dams-------	11	12,125	3.3	404
Herd Owner, Robert Y. Walrath, East Springfield.	Difference---	(4-4-3)	-291	+.2	+6
SPRING VALLEY SIR PAUL FOBES 867096----------	6 daughters--	6	12,722	3.5	441
Born, 12-12-42; proved, 6-23-49;----; Mich.	5 daughters--	5	12,923	3.4	437
Sire, 828527; dam, 1909008.	5 dams-------	17	14,059	3.4	474
Herd Owner, Frank Merrell & Son, Howell.	Difference---	(2-4-1)	-1,136	.0	-37
STAFFORD FARM SIR PRILLY 717181----------	27 daughters-	65	8,746	3.5	304
Born, 1-5-33; proved, 6-15-49;----; Va.	5 daughters--	11	10,508	3.4	360
Sire, 345078; dam, 847216.	5 dams-------	10	10,686	3.5	369
Herd Owner, Eastern State Hospital, Williamsburg.	Difference---	(3-3-2)	-178	-.1	-9
STEILACOOM VEEMAN WALKER 861880----------	14 daughters-	18	10,041	3.5	347
Born, 8-24-42; proved, 6-22-49;----; Wash.	5 daughters--	6	10,181	3.3	340
Sire, 705159; dam, 2042577.	5 dams-------	10	9,789	3.7	360
Herd Owner, Lakeland Village, Medical Lake.	Difference---	(2-1-2)	+392	-.4	-20
STRATTON SIR DUKE 2D 872373----------	6 daughters--	6	10,860	3.6	395
Born, 3-26-43; proved, 6-17-49; alive; Colo.	5 daughters--	5	10,639	3.7	394
Sire, 829036; dam, 1954029.	5 dams-------	16	11,264	3.7	421
Herd Owner, N. W. Cranson & Sons, La Junta.	Difference---	(2-2-2)	-625	.0	-27
S T S CARNATION FAIRVIEW (TWIN) 856104----------	5 daughters--	5	12,198	3.6	438
Born, 6-16-41; proved, 6-28-49;----; Kans.	5 dams-------	17	10,021	3.6	365
Sire, 629437; dam, 1788627.	Difference---	(4-2-4)	+2,177	.0	+73
Herd Owner, Kansas School for Deaf, Olathe.					
SUMMIT CREST PRILLY POSCH 851210----------	6 daughters--	8	10,135	3.3	330
Born, 9-24-41; proved, 6-24-49; dead; N. Y.	5 daughters--	7	10,289	3.3	338
Sire, 756724; dam, 1911924.	5 dams-------	14	12,113	3.4	416
Herd Owner, Harley Russell Phelps & Son, North Bay.	Difference---	(0-2-0)	-1,824	-.1	-78
SUPREME SWEET SEGIS 735062----------	6 daughters--	9	12,612	3.5	444
Born, 10-1-36; proved, 6-7-49;----; N. Y.	5 daughters--	8	12,803	3.6	455
Sire, 681672; dam, 1326047.	5 dams-------	14	13,306	3.4	454
Herd Owner, Crawford Farms, Millbrook.	Difference---	(1-4-2)	-503	+.2	+1
TEN-KINK KOBA BUDDY SIR ROMEO 801961----------	7 daughters--	7	12,511	3.4	420
Born, 8-24-39; proved, 6-14-49; dead; Idaho.	5 daughters--	5	12,684	3.3	418
Sire, 726179; dam, 1808306.	5 dams-------	7	12,204	3.5	423
Herd Owner, Silas Spaulding, Rexburg.	Difference---	(3-2-3)	+480	-.2	-5
THOMPSON LESJOR ORMSBY KING 799484----------	6 daughters--	6	8,191	3.8	309
Born, 3-9-38; proved, 6-1-49;----; Wis.	5 daughters--	5	7,601	3.8	287
Sire, 721791; dam, 1723103.	5 dams-------	23	9,974	3.6	357
Herd Owner, George H. Thompson, Quarry.	Difference---	(0-4-0)	-2,373	+.2	-70
TILFA MAN-O-WAR CONCENTRATE 834191----------	6 daughters--	7	11,083	3.5	390
Born, 10-15-41; proved, 6-15-49; dead; Minn.	6 dams-------	14	10,246	3.5	357
Sire, 776127; dam, 1967366.	Difference---	(4-4-3)	+837	.0	+33
Herd Owner, Tilney Farms, Lewisville.					
TILFA MAN-O-WAR MAY ALEXINA 845832----------	8 daughters--	9	10,789	3.5	377
Born, 4-9-42; proved, 6-6-49; alive; Minn.	6 daughters--	7	10,191	3.5	360
Sire, 776127; dam, 2055141.	6 dams-------	19	9,476	3.7	355
Herd Owner, Tilney Farms, Lewisville.	Difference---	(4-0-3)	+715	-.2	+5

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	[illegible]
	Number	Number	Pounds	Percent	Pounds
TRANQUILLITY TRAILBLAZER BOAST 894536----------	7 daughters--	7	14,058	3.5	497
Born, 12-13-43; proved, 6-8-49;----; Wis.	6 daughters--	6	13,678	3.4	467
Sire, 854210; dam, 2202928.	6 dams-------	9	12,274	3.4	[illegible]
Herd Owner, Carl J. Nelson, Barron.	Difference---	(4-4-4)	+1,404	.0	[illegible]
TRELWAREN HOESLY COMRADE 859775----------	5 daughters--	8	[illegible]	[illegible]	471
Born, 10-23-42; proved, 6-21-49;----; Wis.	5 dams-------	9	12,785	3.8	488
Sire, 782352; dam, 2126823.	Difference---	(1-4-2)	-676	+.1	-17
Herd Owner, Henry Richter, Union Grove.					
TREMCO MATADOR PETE 828940----------	5 daughters--	8	10,734	3.4	[illegible]
Born, 3-7-41; proved, 6-10-49;----; Ill.	5 dams-------	21	11,901	3.3	399
Sire, 729166; dam, 1983403.	Difference---	(2-4-2)	-1,167	+.1	-31
Herd Owner, C. G. Springman & Kleckler, Red Oak.					
TRITOMIA PONTIAC KING TOBE 751960----------	5 daughters--	6	10,664	3.5	377
Born, 10-11-37; proved, 6-1-49;----; Ohio.	5 dams-------	8	12,522	3.5	433
Sire, 687087; dam, 1260827.	Difference---	(1-4-1)	-1,858	.0	-56
Herd Owner, Marvin E. Hostetler, Orrville.					
TRUMPY BONBESS VERITAS 784099----------	12 daughters-	18	11,428	3.8	420
Born, 2-14-39; proved, 6-10-49;----; Wis.	8 daughters--	9	11,485	3.6	408
Sire, 554147; dam, 1322600.	8 dams-------	16	11,672	3.4	401
Used in Vernon Co. Co-op. A. B. A.	Difference---	(4-5-4)	-187	+.2	+7
TRUMPY EXCETTER PAYMASTER 875379----------	6 daughters--	6	10,461	3.3	350
Born, 11-5-42; proved, 6-6-49;----; Wis.	5 daughters--	5	10,660	3.3	356
Sire, 746542; dam, 1550570.	5 dams-------	13	11,039	3.3	365
Herd Owner, Arthur Drake & Joseph Wanger, Monroe.	Difference---	(2-3-2)	-379	.0	-9
TYLER FARMS RAG APPLE LEADER 887661----------	8 daughters--	8	11,909	3.8	453
Born, 8-2-43; proved, 6-13-49;----; N. H.	8 dams-------	20	12,143	3.6	433
Sire, 827071; dam, 2148870.	Difference---	(4-8-5)	-234	+.2	+20
Herd Owner, Roe McDanolds, North Haverhill.					
U OF MD MASTER MEMORY 878474----------	6 daughters--	6	13,417	3.6	481
Born, 1-4-43; proved, 6-15-49; dead; Md.	6 dams-------	16	9,993	3.6	364
Sire, 751641; dam, 1942540.	Difference---	(6-3-6)	+3,424	.0	+117
Herd Owner, University of Maryland, College Park._					
VAN HOOSEN KING BESSIE 272 800064----------	9 daughters--	9	10,938	3.6	396
Born, 1-1-40; proved, 6-13-49;----; Mich.	6 daughters--	6	11,256	3.5	398
Sire, 652274; dam, 1539654.	6 dams-------	10	12,045	3.5	419
Herd Owner, Rufus Wark, Akron.	Difference---	(3-3-3)	-789	.0	-21
VAN HORNE COLANTHA PIETERTJE KING 872744----------	5 daughters--	5	11,523	3.6	410
Born, 10-4-42; proved, 6-13-49;----; Vt.	5 dams-------	14	9,327	3.4	319
Sire, 792749; dam, 1703689.	Difference---	(4-5-4)	+2,196	+.2	+91
Herd Owner, Arthur L. Miller, Vernon.					
VAN HORNE CREAMELLE ONYX COLANTHA 892874----------	7 daughters--	7	12,517	3.3	419
Born, 3-28-43; proved, 6-23-49;----; Minn.	6 daughters--	6	12,272	3.3	409
Sire, 788674; dam, 2007782.	6 dams-------	13	8,418	3.4	290
Herd Owner, L. A. Seath, Albert Lea.	Difference---	(6-3-5)	+3,854	-.1	+119
VAN HORNE KING COLANTHA TOPSY 884262----------	15 daughters-	18	10,533	3.5	364
Born, 11-9-42; proved, 6-15-49; dead; N. Y.	7 daughters--	8	10,145	3.5	350
Sire, 788674; dam, 2085460.	7 dams-------	10	11,404	3.5	396
Herd Owner, Leslie Van Wie, Middleburg.	Difference---	(3-5-2)	-1,259	.0	-46
VEEMAN ROSNI ORMSBY BURKE 777969----------	10 daughters-	15	10,974	3.6	392
Born, 1-31-39; proved, 6-13-49;----; Va.	6 daughters--	10	10,958	3.6	399
Sire, 722301; dam, 1852689.	6 dams-------	14	12,851	3.5	454
Herd Owner, Carlin Inskeep, Rapidan.	Difference---	(1-3-1)	-1,893	+.1	-55
VENTNOR KING SIR FOBES ORMSBY 857558 *(Aug. 1948)----------	15 daughters-	21	11,691	3.8	439
Born, 9-25-42; proved, 6-10-49; alive; Wis.	12 daughters-	17	11,881	3.8	450
Sire, 771132; dam, 1877896.	12 dams------	30	10,894	3.6	395
Herd Owner, Erwin H. Stuckert, Oconomowoc.	Difference---	(7-8-9)	+987	+.2	+55
VERNWAY BLENDER 885647----------	6 daughters--	6	9,600	3.7	355
Born, 8-16-42; proved, 6-15-49;----; Wash.	5 daughters--	5	9,523	3.7	348
Sire, 820946; dam, 1804999.	5 dams-------	11	13,393	3.5	471
Herd Owner, R. C. Baker, Walla Walla.	Difference---	(0-3-0)	-3,870	+.2	-123
VERNWAY INKA BESSIE PIEBE 782024----------	11 daughters-	27	11,332	3.1	355
Born, 10-28-35; proved, 6-17-49;----; Wash.	5 daughters--	11	10,117	3.4	344
Sire, 671579; dam, 1345478.	5 dams-------	14	12,367	3.1	389
Herd Owner, Walter Larson, Sedro Woolley.	Difference---	(1-5-2)	-2,250	+.3	-45
VERNWAY PRINCESS SUPERIOR 785598----------	9 daughters--	24	13,621	3.4	465
Born, 7-23-37; proved, 6-14-49; dead; Wash.	5 daughters--	13	13,351	3.5	465
Sire, 726306; dam, 874297.	5 dams-------	22	14,171	3.5	502
Herd Owner, Maid O'Clover Dairy, Wapato.	Difference---	(2-2-1)	-820	.0	-37

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
VICTOR SEGIS ORMSBY 721039----------	10 daughters-	18	10,570	3.6	379
Born, 7-27-35; proved, 6-16-49;----; Kans.	8 daughters--	15	10,290	3.6	374
Sire, 694608; dam, 1587729.	8 dams-------	20	10,498	3.6	376
Herd Owner, G. H. Faulconer, El Dorado.	Difference---	(5-6-5)	-208	.0	-2
VICTORY LAD PHYLLIS HEILO DELLA 890384----------	7 daughters--	7	11,389	3.6	408
Born, 2-28-43; proved, 6-8-49;----; Wis.	7 dams-------	31	13,192	3.4	449
Sire, 752797; dam, 1890125.	Difference---	(2-5-2)	-1,803	+.2	-41
Herd Owner, Arneson Brothers, Barneveld.					
VISTA LANE BARBETTA DELLA PRIDE 876844----------	7 daughters--	7	9,103	3.5	317
Born, 8-31-42; proved, 6-16-49;----; Wis.	6 daughters--	6	9,203	3.5	321
Sire, 810074; dam, 2153158.	6 dams-------	18	9,599	3.6	347
Herd Owner, Henry W. & Herbert Schmidt, Two Rivers.	Difference---	(2-2-2)	-396	-.1	-26
WAIT FARM C L W SIMON 786990----------	13 daughters-	18	12,956	3.2	418
Born, 10-8-39; proved, 6-15-49;----; N. Y.	7 daughters--	10	13,181	3.2	428
Sire, 740582; dam, 1833568.	7 dams-------	8	13,525	3.3	440
Herd Owner, Martin V. Chesbro, Pennellville.	Difference---	(5-4-4)	-344	-.1	-12
WAIT FARM POSCH EARL 768463----------	8 daughters--	16	8,832	3.3	295
Born, 12-6-38; proved, 6-3-49;----; Conn.	5 daughters--	9	8,400	3.4	283
Sire, 740581; dam, 1504736.	5 dams-------	8	7,782	3.4	267
Herd Owner, Robert E. Hyde, Rockville.	Difference---	(3-2-3)	+618	.0	+16
WAIT FARM POSCH TROJAN 871666----------	6 daughters--	6	12,708	3.4	437
Born, 10-1-42; proved, 6-17-49;----; Vt.	5 daughters--	5	13,176	3.4	454
Sire, 740581; dam, 1976116.	5 dams-------	20	13,447	3.5	460
Herd Owner, Gardner L. Lewis, Jr., Norwich.	Difference---	(2-4-2)	-271	-.1	-6
WAL-CO-FARM RUBY TRITOMIA WALKER 869328----------	10 daughters-	12	10,502	3.7	393
Born, 9-23-42; proved, 6-21-49;----; Wis.	7 daughters--	8	10,587	3.7	393
Sire, 746634; dam, 1875666.	7 dams-------	24	13,093	3.6	472
Herd Owner, John J. Volkering, Burlington.	Difference---	(0-5-0)	-2,506	+.1	-79
WALDHOLM ADMIRAL DEWEY ORMSBY 719815----------	6 daughters--	8	12,221	3.3	404
Born, 5-18-35; proved, 6-6-49;----; Wis.	5 daughters--	7	11,680	3.4	393
Sire, 654038; dam, 1476536.	5 dams-------	8	11,889	3.2	383
Herd Owner, Marloret Farm, Elkhorn.	Difference---	(2-4-3)	-209	+.2	+10
WALKER CARNATION BLEND 847368----------	9 daughters--	9	12,589	3.7	460
Born, 2-22-42; proved, 6-23-49;----; Iowa.	7 daughters--	7	12,672	3.7	466
Sire, 784745; dam, 2164661.	7 dams-------	14	11,234	3.5	397
Herd Owner, Natham Chester, Plainfield.	Difference---	(6-5-6)	+1,438	+.2	+69
WALKER IMPERIAL GOVERNOR HOOPER 782957----------	6 daughters--	11	11,977	3.4	413
Born, 7-9-39; proved, 6-23-49;----; Pa.	5 daughters--	8	12,207	3.4	420
Sire, 754867; dam, 1820817.	5 dams-------	12	11,846	3.7	437
Herd Owner, Harry E. Brown, Fairfield.	Difference---	(3-3-2)	+361	-.3	-17
WALKER INKA MAY FERDINAND 879263----------	5 daughters--	5	11,311	3.7	417
Born, 1-18-43; proved, 6-13-49; dead; Pa.	5 dams-------	10	11,625	3.6	418
Sire, 783849; dam, 2058495.	Difference---	(2-3-2)	-314	+.1	-1
Herd Owner, Jonas Gruver, Thomasville.					
WALKER SARCASTIC DE KOL 875586----------	5 daughters--	7	11,478	3.8	436
Born, 1-12-43; proved, 6-15-49; dead; Pa.	5 dams-------	11	10,752	3.7	394
Sire, 752295; dam, 1878653.	Difference---	(2-4-4)	+726	+.1	+42
Herd Owner, George Nauss, Jr., Dillsburg.					
WEARY RIVER GOVERNOR VALDESSA 798488----------	9 daughters--	17	13,166	3.7	482
Born, 2-6-40; proved, 6-6-49; dead; Calif.	6 daughters--	12	13,357	3.6	484
Sire, 706791; dam, 1639678.	6 dams-------	24	13,112	3.7	491
Herd Owner, Charles L. Good & Son, Santee.	Difference---	(2-3-3)	+245	-.1	-7
WEARY RIVER INKA DOUBLE 765995----------	5 daughters--	8	16,068	3.8	611
Born, 3-21-38; proved, 6-1-49; dead; Calif.	5 dams-------	15	13,126	3.7	489
Sire, 532320; dam, 1700450.	Difference---	(3-3-4)	+2,942	+.1	+122
Herd Owner, Charles L. Good & Son, Santee.					
WEILAND DAIRY MERCEDES KING 777986----------	7 daughters--	13	12,920	3.0	387
Born, 9-14-38; proved, 6-9-49;----; Wis.	6 daughters--	11	13,423	2.9	392
Sire, 723893; dam, 1883176.	6 dams-------	26	12,709	3.3	424
Herd Owner, Claude Lawrence, La Valle.	Difference---	(4-0-1)	+714	-.4	-32
WESTRICK FARMS BESSIE MATADOR 882601----------	5 daughters--	5	14,803	3.6	528
Born, 3-23-43; proved, 6-8-49;----; Ind.	5 dams-------	18	13,580	3.5	481
Sire, 761292; dam, 2156215.	Difference---	(3-3-3)	+1,223	+.1	+47
Herd Owner, Paul Liechty & Sons, Berne.					
WEYHILL SIR RAG APPLE WAYNE 714684----------	12 daughters-	43	10,021	3.4	339
Born, 10-20-35; proved, 6-3-49; dead; Pa.	6 daughters--	19	9,206	3.6	327
Sire, 104846 CHB; dam, 1810068.	6 dams-------	21	10,541	3.2	341
Herd Owner, Somerset State Hospital, Somerset.	Difference---	(0-4-3)	-1,335	+.4	-14

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WHIRLHILL PRINCE HAMLET 894125----------	6 daughters--	6	12,173	3.6	434
Born, 6-14-43; proved, 6-15-49;----; Vt.	6 dams-------	24	10,272	3.5	362
Sire, 786373; dam, 1457279.	Difference---	(5-4-4)	+1,901	+.1	+72
Herd Owner, Orin A. Thomas, Rutland.					
WINTERTHUR FORES POSCH TIBER (TWIN) 787378----------	9 daughters--	11	11,344	3.4	380
Born, 8-31-38; proved, 6-20-49;----; Pa.	5 daughters--	6	11,358	3.4	386
Sire, 729449; dam, 1776869.	5 dams-------	10	12,258	3.4	418
Herd Owner, Elmer B. Stoltzfus, Elverson.	Difference---	(1-3-2)	-900	.0	-32
WINTERTHUR SEGIS KING VAPANO 799873----------	9 daughters--	9	11,159	3.4	380
Born, 4-24-40; proved, 6-14-49; dead; Minn.	9 dams-------	25	11,640	3.1	361
Sire, 756158; dam, 1770208.	Difference---	(4-7-6)	-481	+.3	+19
Herd Owner, J. M. Hanks, Elmore.					
WIOAK PERFECTION KING 874741----------	8 daughters--	8	12,444	3.5	436
Born, 1-2-43; proved, 6-17-49;----; Ill.	7 daughters--	7	12,756	3.5	452
Sire, 808860; dam, 1921025.	7 dams-------	17	10,288	3.4	354
Herd Owner, Charles Johnsen & Sons, St. Charles.	Difference---	(6-4-6)	+2,468	+.1	+98
WIS BARON ORMSBY PRIDE 788503----------	6 daughters--	7	9,498	3.4	327
Born, 1-1-40; proved, 6-15-49;----; Wis.	5 daughters--	5	8,978	3.3	300
Sire, 702922; dam, 1559101.	5 dams-------	13	13,575	3.3	450
Herd Owner, Arthur Clark, Wisconsin Rapids.	Difference---	(1-3-1)	-4,597	.0	-150
WIS BURKE COUNT 861112----------	8 daughters--	10	9,308	3.4	319
Born, 10-28-42; proved, 6-28-49;----; Wis.	6 daughters--	8	9,453	3.5	327
Sire, 819476; dam, 2182986.	6 dams-------	12	10,536	3.5	371
Herd Owner, Neshonoc Farms, West Salem.	Difference---	(3-2-3)	-1,083	.0	-44
WISCONSIN KING OF THE DELLAS 720874----------	11 daughters-	14	14,338	3.4	484
Born, 3-25-36; proved, 6-3-49;----; Wis.	8 daughters--	11	14,235	3.4	479
Sire, 668113; dam, 1084029.	8 dams-------	19	9,061	3.7	339
Herd Owner, Consolidated Water Power & Paper Co., Cavour.	Difference---	(7-3-7)	+5,174	-.3	+140
WIS MARATHON 861111----------	8 daughters--	9	13,112	3.2	421
Born, 10-22-42; proved, 6-21-49;----; Wis.	8 dams-------	27	10,889	3.6	394
Sire, 811985; dam, 2182983.	Difference---	(6-1-4)	+2,223	-.4	+27
Herd Owner, Willard O. Wagner, Cleveland.					
WITTIG BLACK BEAUTY 829531----------	10 daughters-	10	9,758	3.7	365
Born, 3-31-40; proved, 6-27-49;----; Wis.	5 daughters--	5	10,265	3.7	377
Sire, 751309; dam, 2193374.	5 dams-------	14	10,023	3.5	350
Herd Owner, Frank Dreger & Son, Iron Ridge.	Difference---	(3-4-3)	+242	+.2	+27
23*AT50435 (BANGS OR TB EARTAG)----------	6 daughters--	6	13,838	3.4	471
Born, ----; proved, 6-2-49; dead; Pa.	5 daughters--	5	13,759	3.4	474
Sire, ----; dam, ----.	5 dams-------	17	12,493	3.5	443
Herd Owner, Ben W. Jacobs, Waynesburg.	Difference---	(4-3-4)	+1,266	-.1	+31
48-D3463 (DHIA EARTAG)----------	33 daughters-	89	9,618	3.8	369
Born, ----; proved, 6-28-49;----; Kans.	8 daughters--	20	9,381	3.9	363
Sire, ----; dam, ----.	8 dams-------	15	9,236	3.7	344
Herd Owner, Walden Brothers, Basehor.	Difference---	(2-6-4)	+145	+.2	+19

JERSEY SIRES

ACTION YETIVE MASTER 401960 *11----------	15 daughters-	25	5,063	5.5	279
Born, 8-24-38; proved, 6-16-49; dead; Iowa.	14 daughters-	24	4,974	5.5	274
Sire, 323045; dam, 906934.	14 dams------	43	6,555	5.3	347
Used in Linn Co. Co-op. A. B. A.	Difference---	(2-9-3)	-1,581	+.2	-73
AGLAR OF TRANQUILLITY 411400----------	8 daughters--	9	6,703	5.2	348
Born, 7-7-39; proved, 6-1-49;----; Conn.	5 daughters--	5	7,451	4.9	366
Sire, 326135; dam, 1117703.	5 dams-------	8	7,416	5.1	378
Herd Owner, J. H. Whittemore Co., Middlebury.	Difference---	(2-3-2)	+35	-.2	-12
ASHLEY JUILLETTE ROYALIST 434469----------	5 daughters--	5	6,346	5.4	342
Born, 5-13-41; proved, 6-3-49;----; Iowa.	5 dams-------	14	7,342	5.2	380
Sire, 358525; dam, 963289.	Difference---	(1-5-1)	-996	+.2	-38
Herd Owner, Henry Wilder, Solon.					
ASTOR DESIGN PAXIE 431890----------	9 daughters--	10	5,512	5.5	306
Born, 9-13-41; proved, 6-1-49;----; Ind.	7 daughters--	8	5,511	5.6	306
Sire, 359614; dam, 1069806.	7 dams-------	10	6,474	5.7	371
Herd Owner, Mr. & Mrs. R. Lee Retherford, Brownsville.	Difference---	(0-1-0)	-963	-.1	-65
BARONET COMMANDO OF HAMLET 437212----------	9 daughters--	9	6,884	5.3	366
Born, 2-12-42; proved, 6-1-49;----; Conn.	8 daughters--	8	7,027	5.3	374
Sire, 396681; dam, 1202379.	8 dams-------	30	7,216	5.2	373
Herd Owner, John G. Butler, Pomfret Center.	Difference---	(4-4-3)	-189	+.1	+1

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BEATRICE'S BLONDE LAD 415753----------	6 daughters--	7	7,935	5.7	450
Born, 4-5-40; proved, 6-1-49;----; Mich.	5 daughters--	6	7,928	5.8	460
Sire, 402410; dam, 1010665.	5 dams-------	5	7,404	5.3	394
Herd Owner, Gilna & Suryn, Corunna.	Difference---	(3-5-4)	+524	+.5	+66
BINDLE SUCCESSOR 410968----------	5 daughters--	15	6,038	5.4	328
Born, 11-23-39; proved, 6-7-49; dead; Ohio.	5 dams-------	16	5,954	5.6	332
Sire, 338955; dam, 1202905.	Difference---	(2-1-3)	+84	-.2	-4
Herd Owner, Earl Fry & Son, Leonardsburg.					
BINDLE WONDERFUL EXCEL 451995----------	5 daughters--	5	6,985	5.4	374
Born, 12-27-42; proved, 6-1-49;----; Iowa.	5 dams-------	16	6,242	5.2	322
Sire, 391579; dam, 1319578.	Difference---	(2-3-3)	+743	+.2	+52
Herd Owner, Max Decker, Winthrop.					
BLONDE ROYAL DREAMER 452816----------	9 daughters--	9	4,657	4.9	230
Born, 9-12-42; proved, 6-1-49;----; Iowa.	6 daughters--	6	4,707	5.1	239
Sire, 394012; dam, 1267669.	6 dams-------	6	7,142	4.8	345
Herd Owner, Fred & R. L. Hudson, Peru.	Difference---	(0-4-0)	-2,435	+.3	-106
BRAMPTON LORD DUNCAN 447021----------	9 daughters--	11	5,887	5.5	324
Born, 5-8-42; proved, 6-1-49;----; Iowa.	9 dams-------	36	8,213	5.1	420
Sire, 101340 CJCC; dam, 122460 CJCC.	Difference---	(0-9-0)	-2,326	+.4	-96
Herd Owner, Campbell & Young Jersey Farm, Jesup.					
BRIGHTNESS PINN MASTERBOY 444266----------	6 daughters--	7	5,642	5.3	298
Born, 12-23-42; proved, 6-17-49;----; Mo.	5 daughters--	6	5,767	5.4	309
Sire, 428503; dam, 1215377.	5 dams-------	9	5,506	5.4	296
Herd Owner, D. M. & Max Groves, Skidmore.	Difference---	(3-3-3)	+261	.0	+13
BUTTERCOIN GOLDEN KING 444800----------	15 daughters-	19	9,319	4.6	433
Born, 9-10-42; proved, 6-1-49; dead; Wash.	11 daughters-	13	9,423	4.7	440
Sire, 424885; dam, 1223393.	11 dams------	42	8,339	5.0	414
Herd Owner, Skookum Dairy, Peshastin.	Difference---	(9-2-6)	+1,084	-.3	+26
BUTTERCUP BLINK 432520----------	5 daughters--	5	7,665	4.7	364
Born, 2-19-41; proved, 6-1-49; dead; Pa.	5 dams-------	5	7,671	5.0	383
Sire, 391407; dam, 1336040.	Difference---	(2-1-2)	-6	-.3	-19
Herd Owner, Glenn Noble, Gillett.					
CALIFORNIA NICK PHILIP 402730 *(June 1948)----------	12 daughters-	22	9,298	5.8	539
Born, 4-6-39; proved, 6-23-49;----; Calif.	12 dams------	72	9,338	5.4	508
Sire, 316846; dam, 998298.	Difference---	(5-12-5)	-40	+.4	+31
Herd Owner, V. J. Lancaster, Turlock.					
CLIROSE NICK BAZING 427564 *(Sept. 1948)----------	12 daughters-	24	9,151	5.8	528
Born, 4-26-41; proved, 6-23-49;----; Calif.	10 daughters-	20	9,454	5.7	536
Sire, 391422; dam, 1024298.	10 dams------	46	8,590	5.6	478
Herd Owner, M. F. Palmer, Oakdale.	Difference---	(7-7-8)	+864	+.1	+58
CRYSTAL SULTAN KING 446689----------	9 daughters--	10	7,531	5.2	393
Born, 5-22-42; proved, 6-23-49;----; Vt.	9 dams-------	47	8,680	5.5	477
Sire, 414913; dam, 1268951.	Difference---	(0-2-1)	-1,149	-.3	-84
Herd Owner, Carl S. Lewis, Woodstock.					
DESIGN BRAMPTON IT 401877----------	10 daughters-	13	6,015	5.5	333
Born, 3-12-39; proved, 6-22-49; dead; Ky.	6 daughters--	8	6,436	5.5	354
Sire, 343001; dam, 1147427.	6 dams-------	30	8,068	5.4	436
Herd Owner, Eckford P. Eastin, Lexington.	Difference---	(1-5-1)	-1,632	+.1	-82
DESIGNER L. Q. STANDARD 445193----------	12 daughters-	17	7,435	5.3	396
Born, 12-9-42; proved, 6-17-49;----; Wis.	8 daughters--	10	7,249	5.4	389
Sire, 405474; dam, 990361.	8 dams-------	17	8,188	5.3	436
Herd Owner, Lester Wehrle, Fennimore.	Difference---	(2-4-2)	-939	+.1	-47
DESIGN JESTER STANDARD 424518----------	7 daughters--	11	6,798	5.1	347
Born, 5-14-41; proved, 6-20-49;----; Iowa.	6 daughters--	10	7,059	5.1	362
Sire, 400855; dam, 1219393.	6 dams-------	14	7,697	4.8	371
Herd Owner, Herman E. Pape, West Union.	Difference---	(1-4-4)	-638	+.3	-9
DESIGN LEADER PILOT 398363----------	7 daughters--	9	6,697	5.1	340
Born, 9-9-37; proved, 6-2-49;----; Ill.	7 dams-------	23	6,527	5.6	366
Sire, 72572 CJCC; dam, 40243 CJCC.	Difference---	(4-2-3)	+170	-.5	-26
Herd Owner, R. C. Putnam, Harvard.					
DESIGN MAJESTY PEER 445491----------	6 daughters--	12	5,246	5.9	311
Born, 5-3-41; proved, 6-22-49;----; W. Va.	6 dams-------	12	5,492	5.2	284
Sire, 393460; dam, 683093.	Difference---	(3-6-5)	-246	+.7	+27
Herd Owner, French Fiddler, Crawford.					
DESIGN PLAYBOY 444987----------	8 daughters--	9	7,985	5.4	433
Born, 1-3-43; proved, 6-16-49;----; Ill.	8 dams-------	16	8,354	5.1	426
Sire, 416054; dam, 979387.	Difference---	(3-7-3)	-369	+.3	+7
Herd Owner, Eugene Stiff, Dundas.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DREAMER ALLIGATOR 369047----------	8 daughters--	9	5,993	5.5	329
Born, 8-22-35; proved, 6-15-49;----; Fla.	5 daughters--	6	5,888	5.4	316
Sire, 351435; dam, 970078.	5 dams-------	9	6,868	5.1	349
Herd Owner, Florida School for Deaf & Blind, St. Augustine.	Difference---	(2-5-2)	-980	+.3	-33
DREAMING ROBIN 405566 *(Aug. 1948)----------	15 daughters-	26	6,646	5.7	381
Born, 7-26-39; proved, 6-21-49; dead; Iowa.	12 daughters-	20	6,610	5.7	375
Sire, 359290; dam, 1189338.	12 dams------	28	6,910	5.7	397
Herd Owner, Ed Geraghty, McGregor.	Difference---	(3-6-5)	-300	.0	-22
ELIZABETH DREAMING SULTAN 453476----------	8 daughters--	11	7,602	4.8	363
Born, 12-17-42; proved, 6-28-49;----; Pa.	6 daughters--	9	7,584	4.9	372
Sire, 361972; dam, 1350583.	6 dams-------	25	7,431	5.4	398
Herd Owner, Walter C. Simpson, Marion Center.	Difference---	(4-1-1)	+153	-.5	-26
EMBLEM MASTERMAN 438778----------	6 daughters--	6	6,678	5.6	374
Born, 6-1-42; proved, 6-10-49;----; W. Va.	6 dams-------	20	7,477	4.8	361
Sire, 419048; dam, 1219744.	Difference---	(3-6-3)	-799	+.8	+13
Herd Owner, Miss Nettie Jackson, Lewisburg.					
ENVOY JEWEL OF REDMOND 433507----------	7 daughters--	7	8,028	5.3	427
Born, 12-20-41; proved, 6-1-49;----; Wash.	6 daughters--	6	8,002	5.3	426
Sire, 418143; dam, 1121279.	6 dams-------	19	9,210	5.1	471
Herd Owner, Ernest Mock, Satsop.	Difference---	(3-3-4)	-1,208	+.2	-45
F. D. VICTOR POGIS 440930----------	14 daughters-	21	6,506	4.9	322
Born, 6-18-40; proved, 6-1-49; dead; Pa.	6 daughters--	8	5,409	5.3	284
Sire, 355635; dam, 950153.	6 dams-------	9	7,097	5.0	354
Herd Owner, W. Harold Graybeal, Peach Bottom.	Difference---	(1-4-1)	-1,688	+.3	-70
FOREMOST BRIGHT KING 403726----------	5 daughters--	5	5,080	6.4	327
Born, 1-24-39; proved, 6-2-49;----; Mo.	5 dams-------	9	6,736	5.7	383
Sire, 331755; dam, 1149342.	Difference---	(0-4-1)	-1,656	+.7	-56
Herd Owner, C. R. Frobes & Kenneth McMillen, Edina.					
FOREMOST DIPLOMAT 391909----------	7 daughters--	8	6,388	5.4	344
Born, 10-31-37; proved, 6-6-49;----; Mich.	5 daughters--	6	7,482	5.4	401
Sire, 309246; dam, 994124.	5 dams-------	10	7,470	5.7	425
Herd Owner, Sheeds Jersey Farm, Durand.	Difference---	(3-1-1)	+12	-.3	-24
FOREMOST FLAG 461613----------	5 daughters--	6	9,465	5.1	481
Born, 5-5-42; proved, 6-23-49;----; Mich.	5 dams-------	20	9,335	5.4	504
Sire, 347213; dam, 1286631.	Difference---	(3-2-1)	+130	-.3	-23
Herd Owner, Charles B. Rose, Sr. & Son, Ovid.					
FOREMOST GOLDEN ROMEO 442289----------	11 daughters-	14	5,678	5.6	319
Born, 2-27-42; proved, 6-16-49; dead; Minn.	7 daughters--	9	6,095	5.6	341
Sire, 314368; dam, 1317521.	7 dams-------	10	6,432	5.3	339
Herd Owner, Dreyer Dairy, Bemidji.	Difference---	(3-6-4)	-337	+.3	+2
FOREMOST PALAMATE 413978----------	6 daughters--	8	6,680	5.1	342
Born, 8-15-39; proved, 6-1-49;----; Mich.	6 dams-------	10	8,200	4.8	392
Sire, 309246; dam, 1064255.	Difference---	(1-5-1)	-1,520	+.3	-50
Herd Owner, Fred Trieweiler, Portland.					
GAMBOGE ASHBURN STANDARD 395063----------	9 daughters--	10	6,971	5.7	396
Born, 4-6-38; proved, 6-1-49; dead; Oreg.	6 daughters--	6	7,482	5.5	411
Sire, 369170; dam, 894544.	6 dams-------	12	7,521	5.3	400
Herd Owner, Mack Hamby, Jefferson.	Difference---	(3-5-3)	-39	+.2	+11
GARNET SMOKY PEDRO 401483 *10----------	29 daughters-	57	7,096	5.6	397
Born, 11-2-38; proved, 6-16-49;----; Wis.	28 daughters-	56	6,968	5.6	392
Sire, 338261; dam, 1103764.	28 dams------	122	7,939	5.4	430
Herd Owner, William Jensen, River Falls.	Difference---	(11-21-9)	-971	+.2	-38
GIARD JOLLY SULTAN 430776 *12----------	10 daughters-	20	7,085	4.9	349
Born, 3-29-40; proved, 6-17-49; dead; Iowa.	10 dams------	49	7,897	5.2	408
Sire, 400863; dam, 1052181.	Difference---	(3-3-3)	-812	-.3	-59
Herd Owner, David N. Olmsted, McGregor.					
GRAYBURN FAVORITE DUKE 403143 *9----------	26 daughters-	54	7,407	5.4	403
Born, 3-17-38; proved, 6-30-49;----; Vt.	24 daughters-	48	7,292	5.5	399
Sire, 76788 CJCC; dam, 89962 CJCC.	24 dams------	104	7,875	5.7	451
Herd Owner, Jorgen Beck, Tunbridge.	Difference---	(7-6-7)	-583	-.2	-52
GREENSLOPES GOLDEN LAD 434030 *12----------	10 daughters-	21	6,599	5.0	330
Born, 1-24-41; proved, 6-15-49; dead; Vt.	10 dams------	31	8,444	5.2	439
Sire, 387257; dam, 1041769.	Difference---	(1-3-1)	-1,845	-.2	-109
Herd Owner, George E. Ranney, Putney.					
GRIBBLE BRIGHT AIM 400822----------	5 daughters--	8	7,133	4.8	342
Born, 8-2-38; proved, 6-2-49; dead; Oreg.	5 dams-------	8	8,608	5.6	482
Sire, 371920; dam, 1047938.	Difference---	(0-0-0)	-1,475	-.8	-140
Herd Owner, John Lienhart, Woodburn.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HERMITAGE RIOTER PERSEUS 427477----------	6 daughters--	9	6,244	5.5	344
Born, 2-8-41; proved, 6-2-49; dead; N. Y.	5 daughters--	8	6,316	5.5	348
Sire, 351726; dam, 1138166.	5 dams-------	25	8,189	5.0	406
Herd Owner, Stanley Chittenden, New Lebanon.	Difference---	(0-5-1)	-1,873	+.5	-58
HIRAM OF TRANQUILLITY 411401----------	8 daughters--	9	7,543	5.1	385
Born, 7-8-39; proved, 6-2-49;----; Conn.	6 daughters--	7	6,962	5.0	351
Sire, 326135; dam, 1122985.	6 dams-------	9	6,559	5.4	357
Herd Owner, J. H. Whittemore Co., Middlebury.	Difference---	(5-2-5)	+403	-.4	-6
HOLGER ST. MAWES PEDRO 333050----------	9 daughters--	26	7,517	6.5	487
Born, 5-15-30; proved, 6-22-49; dead; Oreg.	5 daughters--	15	7,078	6.4	456
Sire, 230503; dam, 529878.	5 dams-------	9	9,665	5.1	492
Herd Owner, George H. Fullenwider, Carlton.	Difference---	(1-5-2)	-2,587	+1.3	-36
INSPECTOR 410391----------	6 daughters--	10	7,676	5.4	415
Born, 6-20-39; proved, 6-2-49; dead; Oreg.	5 daughters--	9	8,005	5.5	440
Sire, 376610; dam, 1056864.	5 dams-------	12	7,980	5.2	418
Herd Owner, Herbert P. Eby, Redmond.	Difference---	(3-4-4)	+25	+.3	+22
J. ROYAL KING WALDO 427752----------	6 daughters--	6	8,023	5.1	410
Born, 5-24-41; proved, 6-20-49;----; N. Y.	5 daughters--	5	8,050	5.0	405
Sire, 250214; dam, 1155869.	5 dams-------	10	7,237	5.2	375
Herd Owner, Wallace Collins, Chateaugay.	Difference---	(3-1-2)	+813	-.2	+30
J. ROYAL KING WARFIELD 433632 *12----------	22 daughters-	36	6,845	5.3	365
Born, 12-1-41; proved, 6-14-49;----; Vt.	17 daughters-	27	6,687	5.3	357
Sire, 250214; dam, 1139409.	17 dams------	62	7,559	5.2	395
Herd Owner, Arthur Button, Chelsea.	Difference---	(6-11-6)	-872	+.1	-38
JUILLETTE BOB GIRL'S SON 422483 *(Aug. 1948)----------	14 daughters-	22	5,353	5.3	285
Born, 8-25-40; proved, 6-13-49; dead; Vt.	11 daughters-	17	5,252	5.3	281
Sire, 387275; dam, 1031949.	11 dams------	30	7,311	5.4	393
Herd Owner, Courtney Hafela, Chester.	Difference---	(1-6-1)	-2,059	-.1	-112
JUNE CARTAGENA VOLUNTEER 415814----------	6 daughters--	11	9,086	4.8	434
Born, 1-1-39; proved, 6-1-49; dead; Oreg.	6 dams-------	24	9,003	4.6	415
Sire, 384221; dam, 1171217.	Difference---	(2-4-3)	+83	+.2	+19
Herd Owner, Carl Stuy, Newberg.					
LES COTILS VOLUNTEER SULTAN 440173----------	6 daughters--	9	7,381	4.8	355
Born, 4-3-42; proved, 6-15-49;----; Iowa.	5 daughters--	7	7,503	4.8	361
Sire, 403036; dam, 1239201.	5 dams-------	13	8,628	4.6	399
Herd Owner, Edwin Chensvold, West Union.	Difference---	(1-3-3)	-1,125	+.2	-38
LILAC CORONATOR JUDY PEDRO 435915----------	6 daughters--	8	8,739	5.1	445
Born, 11-8-41; proved, 6-1-49; dead; Wash.	5 daughters--	7	9,132	5.1	470
Sire, 376690; dam, 1234517.	5 dams-------	18	8,387	5.3	443
Herd Owner, J. Warren Stoneman, Hartford.	Difference---	(3-2-3)	+745	-.2	+27
LILAC STANDARD COURIER 457291----------	8 daughters--	9	6,476	5.4	349
Born, 12-30-40; proved, 6-23-49;----; Wis.	8 dams-------	33	6,522	5.4	350
Sire, 390373; dam, 1292677.	Difference---	(3-6-3)	-46	.0	-1
Herd Owner, Clark & Plummer, Sturtevant.					
LORD JOLLY STANDARD 401374 *11----------	12 daughters-	30	7,751	5.5	429
Born, 8-28-38; proved, 6-28-49; dead; Iowa.	12 dams------	55	8,742	5.2	459
Sire, 344674; dam, 1074104.	Difference---	(3-10-5)	-991	+.3	-30
Herd Owner, F. L. Miller & Son, Beaman.					
MARIETTE OBSERVER BARON 443825----------	7 daughters--	7	8,020	4.9	391
Born, 9-29-42; proved, 6-15-49; alive; Idaho.	5 daughters--	5	8,015	5.0	398
Sire, 385828; dam, 1015060.	5 dams-------	7	8,286	5.1	422
Herd Owner, Neill Mathews, New Plymouth.	Difference---	(2-3-2)	-271	-.1	-24
MARVEL LILAC REMUS 403782 *10----------	16 daughters-	24	7,260	5.6	404
Born, 10-6-38; proved, 6-22-49; dead; Wash.	9 daughters--	15	6,732	5.6	376
Sire, 328497; dam, 1097081.	9 dams-------	13	6,612	5.0	331
Herd Owner, Parker Askew & Son, Montesano.	Difference---	(4-9-6)	+120	+.6	+45
MERIDALE SULTAN BOY 421713----------	5 daughters--	7	6,548	5.2	341
Born, 5-29-41; proved, 6-1-49;----; N. Y.	5 dams-------	7	5,180	5.8	299
Sire, 393088; dam, 1172689.	Difference---	(4-0-4)	+1,368	-.6	+42
Herd Owner, Harry C. Andrews, Waterloo.					
MONARCH SUPREME OWL 428496 *(Aug. 1948)----------	20 daughters-	25	6,807	5.4	366
Born, 9-10-41; proved, 6-14-49; dead; Vt.	20 dams------	79	8,699	5.5	474
Sire, 374926; dam, 1175451.	Difference---	(2-10-2)	-1,892	-.1	-108
Herd Owner, Lexington Farms, Reading.					
MONOLO SYBIL POMPEY 435238----------	13 daughters-	13	9,883	5.4	538
Born, 8-27-41; proved, 6-1-49; alive; Fla.	6 daughters--	6	10,220	5.4	554
Sire, 347038; dam, 1165717.	6 dams-------	6	8,191	5.4	441
Herd Owner, Walter Welkener, Jacksonville.	Difference---	(5-3-5)	+2,029	.0	+113

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
NOBLE DANDY 432260----------	8 daughters--	9	6,183	5.2	321
Born, 8-14-41; proved, 6-15-49; alive; Md.	8 dams-------	16	6,550	4.8	316
Sire, 400147; dam, 1117226.	Difference---	(3-7-5)	-367	+.4	+5
Herd Owner, Holly Beach Farm, Annapolis.					
NOBLE FAUVIC FON 391244----------	6 daughters--	10	8,898	4.7	414
Born, 2-1-38; proved, 6-6-49; dead; Pa.	6 dams-------	16	9,124	4.9	445
Sire, 362527; dam, 900063.	Difference---	(1-2-1)	-226	-.2	-31
Herd Owner, Buechley Farms, Pine Grove.					
NOBLE LILAC CORONATOR 422397----------	6 daughters--	12	7,958	5.4	432
Born, 7-1-40; proved, 6-22-49;----; Oreg.	5 daughters--	10	7,955	5.5	437
Sire, 402779; dam, 981459.	5 dams-------	8	8,580	5.3	454
Herd Owner, John S. Reilly, Hillsboro.	Difference---	(2-4-2)	-625	+.2	-17
NURIEL GEONNOIS VOLUNTEER 406311 *12----------	20 daughters-	39	6,551	4.9	324
Born, 2-20-39; proved, 6-13-49; dead; Md.	18 daughters-	36	6,515	4.9	319
Sire, 371003; dam, 1150670.	18 dams------	72	7,436	4.9	364
Used in Maryland Co-op. A. B. A., Inc.	Difference---	(5-11-5)	-921	.0	-45
OBSERVER VIOLA LAD 364482----------	6 daughters--	6	6,090	5.6	342
Born, 4-14-34; proved, 6-15-49;----; Fla.	6 dams-------	11	5,756	5.1	293
Sire, 285595; dam, 944756.	Difference---	(4-6-5)	+334	+.5	+49
Herd Owner, George Sixma, Lake Helen.					
ORE GRANDE GOLDEN AIM 441504----------	6 daughters--	9	7,505	5.1	385
Born, 11-22-41; proved, 6-22-49;----; Oreg.	5 daughters--	7	7,514	5.2	388
Sire, 400822; dam, 1110693.	5 dams-------	7	8,203	5.2	431
Herd Owner, John Lienhart, Woodburn.	Difference---	(3-3-2)	-689	.0	-43
OXFORD RALEIGH FAUVIC OWL 402762 *12----------	13 daughters-	35	6,186	5.3	329
Born, 10-11-38; proved, 6-1-49; dead; Vt.	13 dams------	86	8,024	5.0	405
Sire, 381870; dam, 758723.	Difference---	(0-10-0)	-1,838	+.3	-76
Used in Vermont Co-op. A. B. A., Inc.					
PALATINE FORSIGN 449796----------	10 daughters-	12	5,874	5.9	344
Born, 9-15-42; proved, 6-8-49;----; Iowa.	9 daughters--	11	5,947	5.9	350
Sire, 338021; dam, 977836.	9 dams-------	28	7,076	5.7	407
Herd Owner, Miller & McDaniel, Clarinda.	Difference---	(3-7-4)	-1,129	+.2	-57
PALATINE ONWARD KING 450920----------	9 daughters--	11	8,663	5.2	452
Born, 11-24-42; proved, 6-17-49;----; Mich.	9 dams-------	22	9,488	5.0	470
Sire, 414832; dam, 1177818.	Difference---	(3-7-3)	-825	+.2	-18
Herd Owner, Wayne L. Kelly, Gobles.					
PINNACLE DOMINO 446507----------	5 daughters--	5	7,188	5.4	391
Born, 7-23-42; proved, 6-1-49; alive; Calif.	5 dams-------	8	9,588	4.9	468
Sire, 100201 CJCC; dam, 1336769.	Difference---	(1-5-1)	-2,400	+.5	-77
Herd Owner, Charles A. Judson, Escondido.					
POLO FERN KING 461232----------	9 daughters--	9	10,294	5.6	576
Born, 3-3-43; proved, 6-7-49; dead; Wash.	7 daughters--	7	9,968	5.7	567
Sire, 400830; dam, 1249951.	7 dams-------	10	9,604	5.6	534
Herd Owner, Malneritch Brothers, Enumclaw.	Difference---	(5-4-4)	+364	+.1	+33
PORTIA'S NOBLE AIM 427637----------	6 daughters--	6	6,843	5.3	363
Born, 11-19-40; proved, 6-6-49; dead; Va.	5 daughters--	5	7,049	5.3	374
Sire, 326769; dam, 873522.	5 dams-------	17	7,710	5.2	399
Herd Owner, Cleveland Dairy Farm, Orange.	Difference---	(1-3-1)	-661	+.1	-25
PRINCE DOLLY BART 445137----------	8 daughters--	11	8,148	4.9	398
Born, 1-24-43; proved, 6-17-49;----; Mich.	6 daughters--	8	8,730	4.9	425
Sire, 418114; dam, 1256688.	6 dams-------	23	7,938	5.1	401
Herd Owner, North Ridge Jersey Farms, Chesaning.	Difference---	(4-1-3)	+792	-.2	+24
RALEIGH CHIEF BLONDE 383883----------	7 daughters--	11	6,628	5.4	361
Born, 8-27-36; proved, 6-30-49;----; Mo.	5 daughters--	9	6,862	5.4	368
Sire, 257418; dam, 1022528.	5 dams-------	12	6,995	5.3	374
Herd Owner, Shroyer Brothers, Lexington.	Difference---	(2-4-2)	-133	+.1	-6
RANDLEIGH VICTOR DUKE 401927 *11----------	13 daughters-	25	8,282	5.6	460
Born, 12-14-38; proved, 6-28-49;----; Iowa.	12 daughters-	23	8,322	5.5	461
Sire, 355635; dam, 1096807.	12 dams------	70	8,632	5.2	450
Herd Owner, F. L. Miller & Son, Beaman.	Difference---	(4-10-6)	-310	+.3	+11
RANDLEIGH VICTOR LADDIE 401921 *10----------	12 daughters-	40	7,506	5.7	427
Born, 6-29-38; proved, 6-23-49; dead; Maine.	11 daughters-	35	7,482	5.6	422
Sire, 323278; dam, 1054077.	11 dams------	45	7,953	5.5	437
Herd Owner, Wilbert A. Libby, Sebago Lake.	Difference---	(2-7-3)	-471	+.1	-15
REMUS THOR 430096----------	8 daughters--	13	7,561	5.5	414
Born, 9-5-41; proved, 6-21-49;----; Wash.	5 daughters--	8	7,291	5.6	408
Sire, 408686; dam, 1102440.	5 dams-------	10	7,781	5.6	438
Herd Owner, Rick Silvestri, Enumclaw.	Difference---	(2-2-1)	-490	.0	-30

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RIGHT ROYAL'S FERN PRINCE 398711----------	5 daughters--	5	6,326	5.0	315
Born, 4-2-38; proved, 6-1-49;----; Ill.	5 dams-------	6	6,000	5.0	298
Sire, 327471; dam, 955543.	Difference---	(3-3-3)	+326	.0	+17
Herd Owner, J. Warren Ellis, Ridge Farm.					
RONALD'S EMINENT SIR 380467----------	7 daughters--	14	8,263	5.2	426
Born, 3-5-36; proved, 6-6-49;----; Mich.	5 daughters--	12	7,949	5.2	413
Sire, 313541; dam, 971577.	5 dams-------	17	8,811	5.4	473
Herd Owner, Fred S. Dunks, Union City.	Difference---	(2-2-2)	-862	-.2	-60
ROSSMERE COME PEER 402911 *10----------	17 daughters-	34	7,786	5.1	401
Born, 2-16-39; proved, 6-20-49; dead; Oreg.	16 daughters-	32	7,847	5.1	404
Sire, 367594; dam, 1022911.	16 dams------	44	7,982	5.9	467
Herd Owner, I. D. Wonderly, Corvallis.	Difference---	(7-1-4)	-135	-.8	-63
ROYAL FAIRY CHIEF 406706----------	6 daughters--	7	4,926	5.0	245
Born, 6-4-39; proved, 6-2-49; dead; Ky.	6 dams-------	16	7,694	5.0	386
Sire, 285396; dam, 1000487.	Difference---	(0-2-0)	-2,768	.0	-141
Herd Owner, James Chaney, Woodburn.					
ROYAL QUECHEE 398184----------	12 daughters-	15	7,512	4.9	368
Born, 6-26-38; proved, 6-3-49;----; Vt.	6 daughters--	6	8,763	4.8	425
Sire, 377517; dam, 1087055.	6 dams-------	30	7,551	5.3	401
Herd Owner, Billings Farm, Woodstock.	Difference---	(5-1-4)	+1,212	-.5	+24
SAM SYBIL DESIGN PALLAS 428819 *(Mar. 1948)----------	18 daughters-	33	6,898	5.2	359
Born, 12-19-40; proved, 6-23-49; dead; Mo.	18 dams------	77	7,021	5.3	375
Sire, 400045; dam, 1231904.	Difference---	(7-5-6)	-123	-.1	-16
Herd Owner, Elmer E. Ihrig, Hannibal.					
SEER PRINCE OXFORD 455576----------	5 daughters--	6	5,443	4.9	269
Born, 12-11-42; proved, 6-1-49;----; Kans.	5 dams-------	21	7,849	5.2	411
Sire, 391908; dam, 1177736.	Difference---	(0-2-0)	-2,406	-.3	-142
Herd Owner, Stevens & Lawson, Vinland.					
SENTINEL DAIRYLIKE MADCAP 407081----------	6 daughters--	15	8,901	5.3	470
Born, 3-15-39; proved, 6-2-49; dead; Wis.	5 daughters--	14	9,007	5.3	476
Sire, 375857; dam, 1005632.	5 dams-------	23	8,599	5.3	454
Herd Owner, Tollackson Brothers, Viroqua.	Difference---	(4-3-4)	+408	.0	+22
SMOKY TORONO JUPITER 433035 *12----------	20 daughters-	38	7,062	4.5	316
Born, 9-21-41; proved, 6-15-49; dead; Iowa.	19 daughters-	35	7,063	4.5	316
Sire, 401481; dam, 1246566.	19 dams------	94	6,342	5.3	333
Herd Owner, King & Occo, Oelwein.	Difference---	(12-1-8)	+721	-.8	-17
STANDARD VIKING OF ELM ROCK 425434 *12----------	20 daughters-	36	8,736	5.2	458
Born, 11-11-40; proved, 6-14-49;----; Vt.	18 daughters-	30	8,782	5.2	458
Sire, 392869; dam, 1217845.	18 dams------	63	8,806	5.3	470
Herd Owner, Ora Lewis, Woodstock.	Difference---	(10-6-8)	-24	-.1	-12
SUCCESSOR IVY LAD SAUL 404990----------	9 daughters--	13	8,600	5.5	470
Born, 3-7-39; proved, 6-14-49;----; Mich.	6 daughters--	9	8,379	5.5	463
Sire, 338482; dam, 886832.	6 dams-------	27	8,594	5.2	448
Herd Owner, George Mathews, Union City.	Difference---	(3-4-5)	-215	+.3	+15
SUCCESSOR'S ROYAL GAMBOGE 401245----------	8 daughters--	8	5,867	5.6	330
Born, 1-15-39; proved, 6-6-49; dead; Ohio.	8 dams-------	16	6,582	5.7	377
Sire, 355567; dam, 1079571.	Difference---	(5-5-4)	-715	-.1	-47
Herd Owner, Nuding Brothers, Mendon.					
SUCCESSOR SULTAN BOY 416067----------	9 daughters--	11	5,732	5.4	310
Born, 10-18-39; proved, 6-15-49;----; Md.	8 daughters--	10	5,950	5.4	320
Sire, 399830; dam, 1213983.	8 dams-------	31	7,313	5.2	382
Herd Owner, R. G. Harper Carroll II, Ellicott City.	Difference---	(2-5-3)	-1,363	+.2	-62
SUNNY SLOPE FAUVIC 452663----------	7 daughters--	9	7,966	5.4	429
Born, 12-7-38; proved, 6-29-49;----; Wis.	7 dams-------	47	8,494	5.4	458
Sire, 328987; dam, 1171506.	Difference---	(2-2-2)	-528	.0	-29
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).					
SYBIL'S JUPITER OF ROSEL 401056 *10----------	20 daughters-	40	7,399	5.4	400
Born, 12-30-38; proved, 6-24-49;----; N. Y.	19 daughters-	39	7,498	5.4	407
Sire, 400622; dam, P. S. 38916 C.	19 dams------	75	8,548	5.6	477
Herd Owner, Earl A. Beckwith & Son, Ludlowville.	Difference---	(5-7-4)	-1,050	-.2	-70
SYBIL'S LUCKY PRINCE 391643----------	8 daughters--	10	6,998	5.3	372
Born, 9-13-37; proved, 6-6-49; dead; Ohio.	6 daughters--	8	6,965	5.4	375
Sire, P. S. 6770 H. C.; dam, 1147850.	6 dams-------	8	7,457	5.1	377
Herd Owner, Mayflower Farm, Pickerington.	Difference---	(1-5-3)	-492	+.3	-2
SYBIL VOLUNTEER RIGHT ROYAL 441454----------	12 daughters-	13	5,677	5.3	300
Born, 9-29-41; proved, 6-1-49; dead; Pa.	8 daughters--	9	5,589	5.2	293
Sire, 325806; dam, 1003698.	8 dams-------	10	7,190	5.1	364
Herd Owner, John A. Swingle, Canton.	Difference---	(0-5-3)	-1,601	+.1	-71

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
THOMAS VALIANT AIM MARIE X 445848	9 daughters--	15	7,878	5.4	425
Born, 9-18-42; proved, 6-21-49;----; Mich.	9 dams-------	41	7,813	5.2	403
Sire, 410269; dam, 1149417.	Difference---	(5-9-6)	+65	+.2	+22
Herd Owner, Cecil Baker & Sons, Lennon.					
VALIANT AIM HI-POWER 438467	6 daughters--	8	7,419	5.5	407
Born, 8-15-41; proved, 6-2-49;----; Mich.	5 daughters--	7	7,401	5.5	409
Sire, 410269; dam, 1261266.	5 dams-------	10	6,132	5.5	340
Herd Owner, Bishop & Blumerick, Belding.	Difference---	(4-3-4)	+1,269	.0	+69
VALIANT DREAM SPOT 462541	6 daughters--	6	8,037	4.9	397
Born, 9-25-43; proved, 6-27-49;----; Mich.	5 daughters--	5	7,603	4.9	375
Sire, 402576; dam, 1311521.	5 dams-------	11	7,490	5.1	378
Herd Owner, Vernon D. Sanders, South Haven.	Difference---	(3-1-3)	+113	-.2	-3
VOLUNTEER ROYAL BARNEY 445072	10 daughters-	11	5,736	5.0	287
Born, 11-8-42; proved, 6-3-49;----; W. Va.	10 dams------	36	6,108	5.2	320
Sire, 403365; dam, 1203028.	Difference---	(4-4-3)	-372	-.2	-33
Herd Owner, Clarence C. Blessing, Letart.					
VOLUNTEER ROYAL OXFORD BOY 423336	12 daughters-	19	6,161	5.2	318
Born, 12-23-40; proved, 6-1-49; dead; Oreg.	7 daughters--	11	6,590	5.3	351
Sire, 415159; dam, 1210914.	7 dams-------	9	7,213	5.6	404
Herd Owner, Henry Morrow, Independence.	Difference---	(2-2-2)	-623	-.3	-53
WALLACE FARM GOLDIE FLASH 384098	9 daughters--	9	7,546	5.6	421
Born, 10-9-36; proved, 6-16-49;----; Wis.	9 dams-------	24	6,252	5.8	363
Sire, 320266; dam, 1098785.	Difference---	(6-6-7)	+1,294	-.2	+58
Herd Owner, Harrison M. Wallace & Son, Norwalk.					
W. R. F. RUSH PRINCE 434464	12 daughters-	12	6,929	5.3	369
Born, 3-14-40; proved, 6-1-49;----; Minn.	7 daughters--	7	7,095	5.5	389
Sire, 387636; dam, 1187530.	7 dams-------	18	7,543	5.5	418
Herd Owner, Fred Metzger, Hills.	Difference---	(4-2-2)	-448	.0	-29
13-D5195 (DHIA EARTAG)	9 daughters--	9	6,942	5.2	359
Born, ----; proved, 6-1-49; dead; Vt.	9 dams-------	44	9,762	4.5	443
Sire, ----; dam, ----.	Difference---	(1-9-1)	-2,820	+.7	-84
Herd Owner, Francis O. Coburn, Grafton.					
35*HZ59848 (BANGS OR TB EARTAG)	7 daughters--	12	7,950	5.2	411
Born, ----; proved, 6-2-49; dead; Wis.	7 dams-------	42	6,839	5.1	349
Sire, ----; dam, ----.	Difference---	(5-5-6)	+1,111	+.1	+62
Herd Owner, Hilbert Stefl, Mishicot.					
RED DANE SIRES					
51*D538 (EARTAG) *12	19 daughters-	32	8,510	4.0	337
Born, 12-24-39; proved, 6-16-49;----; Mich.	14 daughters-	24	8,782	3.9	346
Sire, 51*D505; dam, 51*D3.	14 dams------	50	7,630	4.1	315
Herd Owner, Delford Henderson, Sandusky.	Difference---	(11-6-11)	+1,152	-.2	+31
51*D553 (EARTAG)	8 daughters--	9	5,999	4.2	253
Born, 1-8-42; proved, 6-23-49;----; Mich.	6 daughters--	7	6,181	4.4	270
Sire, 51*D501; dam, 51*D20.	6 dams-------	18	8,409	4.0	339
Herd Owner, Basil Redmond, Marlette.	Difference---	(1-5-1)	-2,228	+.4	-69
51*D555 (EARTAG) *(Feb. 1949)	21 daughters-	32	7,161	3.8	269
Born, 1-18-42; proved, 6-13-49; dead; Mich.	19 daughters-	30	6,954	3.8	263
Sire, 51*D533; dam, 51*D27.	19 dams------	41	7,806	3.7	289
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(6-14-6)	-852	+.1	-26
RED POLLED SIRES					
GOLD ROCK ADVANCER 60221	6 daughters--	7	7,632	4.3	324
Born, 9-7-39; proved, 6-7-49; dead; Minn.	6 dams-------	8	7,194	4.1	297
Sire, 56316; dam, 76557.	Difference---	(3-5-4)	+438	+.2	+27
Herd Owner, Roy L. Mueller & Sons, Arlington.					
SHORTHORN SIRES					
DUKE OF FAIRYLAND 2015717	6 daughters--	6	7,631	4.1	312
Born, 2-18-40; proved, 6-24-49;----; Mo.	5 daughters--	5	7,641	4.1	314
Sire, 1831203; dam, 1639082.	5 dams-------	12	7,572	4.2	321
Herd Owner, J. Henry Alt, Sedalia.	Difference---	(2-1-3)	+69	-.1	-7

SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
EAST VIEW OXFORD DUKE 2119621----------	9 daughters--	13	8,686	3.8	333
Born, 9-11-41; proved, 6-17-49;----; Iowa.	6 daughters--	9	8,513	3.8	327
Sire, 1989910; dam, 1976708.	6 dams-------	11	7,793	4.0	309
Herd Owner, Gerald L. Meyer, Garnavillo.	Difference---	(4-2-4)	+720	-.2	+18
ELMWOOD MONARCH 2D 2086159----------	5 daughters--	6	10,119	4.3	433
Born, 7-20-41; proved, 6-21-49;----; Ill.	5 dams-------	8	6,370	4.7	300
Sire, 1947177; dam, 1943771.	Difference---	(4-0-4)	+3,749	-.4	+133
Herd Owner, Simon Kropf, Delavan.					
FAIR ACRES NOAH 2035332----------	11 daughters-	19	5,639	3.8	216
Born, 9-23-40; proved, 6-28-49;----; Iowa.	5 daughters--	7	5,639	3.9	217
Sire, 1840618; dam, 1806344.	5 dams-------	7	5,602	3.9	219
Herd Owner, Reuben Rustad, Northwood.	Difference---	(2-2-4)	+37	.0	-2
FOX'S HOLLAND KNIGHT 2049469----------	8 daughters--	10	5,990	4.4	261
Born, 10-11-40; proved, 6-22-49;----; Kans.	5 daughters--	6	6,156	4.2	260
Sire, 1932554; dam, 1821743.	5 dams-------	13	6,433	4.1	266
Herd Owner, Glenn Reed & Sons, Stafford.	Difference---	(2-3-1)	-277	+.1	-6
GRIFFARM CLAY LAD (TWIN) 2038676----------	10 daughters-	11	9,510	4.0	383
Born, 9-24-40; proved, 6-20-49;----; Iowa.	5 daughters--	6	8,632	4.1	354
Sire, 1896922; dam, 1588272.	5 dams-------	7	8,018	3.8	305
Herd Owner, Hollandale Farm, Milton.	Difference---	(2-3-2)	+614	+.3	+49
HILLCREST CHIEFTAIN 3D 2190757----------	6 daughters--	7	9,145	4.0	368
Born, 12-24-42; proved, 6-17-49;----; Md.	5 daughters--	6	8,844	4.0	352
Sire, 1931062; dam, 1855983.	5 dams-------	11	7,395	4.0	295
Herd Owner, Vernon A. Mathias & Son, Westminster.	Difference---	(4-3-4)	+1,449	.0	+57
KINGSDALE PRIDE 13TH 1992471----------	9 daughters--	13	6,624	4.3	284
Born, 7-2-39; proved, 6-24-49;----; Kans.	5 daughters--	6	6,224	4.0	252
Sire, 1863297; dam, 1770466.	5 dams-------	11	5,863	4.1	240
Herd Owner, Walter Clark, Great Bend.	Difference---	(3-2-3)	+361	-.1	+12
PRAIRIE SUPREME 2107420----------	5 daughters--	7	6,568	3.8	251
Born, 4-21-42; proved, 6-20-49;----; Iowa.	5 dams-------	23	9,052	3.8	344
Sire, 1727519; dam, 1834096.	Difference---	(1-3-1)	-2,484	.0	-93
Herd Owner, Ivan S. Dickinson, Shellsburg.					
RIVERPARK RUDDY 2071512----------	5 daughters--	8	7,717	4.0	310
Born, 4-16-41; proved, 6-16-49;----; Iowa.	5 dams-------	10	7,169	3.8	269
Sire, 1878308; dam, 1899789.	Difference---	(4-4-4)	+548	+.2	+41
Used in Northwest Iowa Co-op. A. B. A.					
SANFORD TEN TO ACE 2196349----------	5 daughters--	5	10,240	3.7	382
Born, 4-26-43; proved, 6-22-49;----; Iowa.	5 dams-------	11	8,178	4.0	326
Sire, 247083 CHB; dam, 303908 CHB.	Difference---	(4-0-4)	+2,062	-.3	+56
Herd Owner, Irvin F. Meyer & Sons, McGregor.					
SUSAN'S COLLEGE CAVALIER 2000382----------	8 daughters--	9	6,738	3.7	246
Born, 6-20-39; proved, 6-28-49;----; Mass.	5 daughters--	5	7,552	3.7	283
Sire, 1837076; dam, 1716457.	5 dams-------	9	7,606	3.7	285
Herd Owner, Everett B. Fox, Dracut.	Difference---	(3-3-3)	-54	.0	-2
VICTOR HARVESTER 2182138----------	11 daughters-	11	8,519	4.0	344
Born, 3-28-43; proved, 6-21-49; dead; Minn.	8 daughters--	8	8,773	4.0	352
Sire, 1973745; dam, 2041519.	8 dams-------	15	7,070	3.9	275
Herd Owner, Emanuel J. Juers, Lake City.	Difference---	(6-5-7)	+1,703	+.1	+77

AMERICAN DAIRY CATTLE CLUB SIRES

CORNELL COLUMBUS WINDSOR 1066
(This sire is also a registered Brown Swiss "Cornell Columbus Windsor 50092." Proved Sire data included in Brown Swiss listing.)

HUFF SIR MAUDE WAYNE 579
(This sire is also a registered Holstein "Huff Sir Maude Wayne 863100." Proved Sire data included in Holstein listing.)

SYBIL'S JUPITER OF ROSEL 257
(This sire is also a registered Jersey "Sybil's Jupiter of Rosel 401056." Proved Sire data included in Jersey listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 25, No. 8

August 1949

DHIA COWS ESTABLISH ALL-TIME HIGH PRODUCTION AVERAGE IN 1948

Each year, for many years, the cows in dairy-herd-improvement associations have exceeded the average production of the preceding year. In 1948, DHIA cows again established a new all-time high production average by producing 8,675 pounds of milk and 350 pounds of butterfat per cow.

The following table shows the level of production of association cows for various years since 1930:

SEP 2 8 1949

Year	Cows on test	Average production	
		Milk	Butterfat
	(number)	(pounds)	(pounds)
1930--------	507,549	7,642	303
1935--------	364,218	7,977	322
1940--------	676,141	8,133	331
1945--------	577,200	8,592	346
1946--------	627,878	8,635	349
1947--------	775,546	8,638	348
1948--------	886,129	8,675	350

The continued improvement in the producing capacity of DHIA cows and herds is not the result of a series of fortunate circumstances. It is the result of the year-after-year effort by association members to improve their herds. While the results obtained are phenomenal, the high producing capacity of DHIA herds has developed, and is being maintained and improved, by association members through three simple but basic practices.

Association members have used the records of their cows and herds to (1) cull from the herd unprofitable cows, (2) feed the remaining cows according to their individual producing ability, and (3) select the best animals in their herds as breeding stock to improve the inheritance of their future herds for high-producing capacity.

Any dairyman may adopt these fundamental practices and improve his dairy herd if he has feed and production records on his individual cows.

On page 2 is a table showing the production level of association cows in 1948, by States.

SUMMARY OF THE 1947-48 DAIRY-HERD-IMPROVEMENT-ASSOCIATION RECORDS, BY STATES

State	Associations active Jan. 1, 1948	Associations reporting data for tabulation	Cow-years	Average production			Value of product	Cost of roughage	Cost of grain	Total feed cost	Value of product over feed cost
				Milk	Test	Butterfat					
	Number	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars
Ala-------	0	(1)(2)	19.92	8,425	4.7	393	529	49	104	153	376
Ariz------	7	8	6,636.33	9,087	3.8	344	527	173	89	262	265
Ark-------	0	0	--	--	--	--	--	--	--	--	--
Calif-----	105	100	126,349.33	9,636	4.1	395	Feed costs not reported				
Colo------	21	19	3,567.33	8,701	3.8	331	420	103	86	189	231
Conn------	18	8	9,327.42	8,510	4.1	349	558	63	126	189	369
Del-------	4	4	1,867.50	8,069	4.1	330	413	79	97	176	237
Fla-------	3	3	1,814.50	6,440	4.7	302	396	24	203	227	169
Ga--------	9	4	1,243.25	5,590	4.5	252	366	69	105	174	192
T. H------	(3)	0	--	--	--	--	--	--	--	--	---
Idaho-----	21	14	4,682.17	8,662	4.2	365	382	88	56	154	228
Ill-------	82	73	26,942.42	8,925	3.9	350	415	80	93	173	242
Ind-------	75	47	13,359.42	8,431	4.2	354	403	71	94	165	238
Iowa------	87	81	29,536.25	8,335	4.0	331	324	57	95	152	172
Kans------	30	19	6,844.42	8,617	4.0	342	430	72	101	173	257
Ky--------	21	15	4,342.50	7,531	4.1	310	356	61	82	143	213
La--------	5	1	487.50	6,996	4.4	306	471	41	124	165	306
Maine-----	24	10	5,907.92	7,832	4.1	323	441	73	125	198	243
Md--------	26	1/28	13,195.33	7,992	4.2	339	442	61	115	176	266
Mass------	17	10	8,830.08	8,486	4.0	338	544	129	129	258	286
Mich------	114	96	30,495.42	8,525	4.0	344	383	75	91	166	217
Minn------	99	85	36,144.17	8,727	3.8	327	346	60	76	136	210
Miss------	4	2	556.42	5,582	4.7	263	331	37	115	152	179
Mo--------	37	29	9,916.08	7,730	4.3	332	375	69	96	165	210
Mont------	12	5	1,902.67	9,089	3.6	328	344	82	61	143	201
Nebr------	15	15	3,556.75	9,130	3.7	342	375	76	100	176	199
Nev-------	3	0	--	--	--	--	--	--	--	--	--
N. H------	11	8	3,862.67	7,906	4.0	317	463	91	118	209	254
N. J------	27	23	15,533.25	8,745	3.9	342	487	106	109	215	272
N. Mex----	4	3	710.42	9,300	3.9	362	503	164	100	264	239
N. Y------	161	154	55,895.67	9,104	3.8	345	450	69	118	187	263
N. C------	23	13	3,372.17	8,048	4.2	339	487	100	115	215	272
N. Dak----	3	3	505.83	8,645	3.7	317	332	57	90	147	185
Ohio------	71	32	9,119.50	8,169	4.1	336	405	4/72	4/88	4/160	245
Okla------	17	0	--	--	--	--	--	--	--	--	--
Oreg------	19	12	8,014.25	7,732	4.8	368	456	98	92	190	266
Pa--------	145	145	60,907.92	8,540	4.0	344	444	72	124	196	248
P. R------	0	0	--	--	--	--	--	--	--	--	--
R. I------	2	2	1,064.67	7,981	4.0	323	528	95	119	214	314
S. C------	2	0	--	--	--	--	--	--	--	--	--
S. Dak----	5	1	438.17	8,061	3.8	303	311	43	70	113	198
Tenn------	14	14	3,887.83	5,885	4.6	271	325	54	85	139	186
Tex-------	23	9	3,030.33	5,547	4.7	261	356	41	116	157	199
Utah------	18	14	7,584.75	8,796	3.9	343	388	107	76	183	205
Vt--------	36	28	17,563.50	7,234	4.3	311	398	56	104	170	228
Va--------	47	36	20,198.50	7,858	4.3	336	459	93	108	201	258
Wash------	47	23	23,887.08	8,651	4.4	378	436	89	87	176	260
W. Va-----	13	11	5,195.58	7,407	4.3	318	397	71	102	173	224
Wis-------	141	56	32,087.67	8,531	3.9	331	354	61	70	131	223
Wyo-------	0	0	--	--	--	--	--	--	--	--	--
Total or Average-	1,668	1,263	620,384.83	8,675	4.0	350	5/388	5/70	5/95	5/165	5/223

1/Reports were received from more associations than were reported active on January 1, 1948.
2/One herd.
3/No report
4/Feed data based on reports of 9 associations.
5/Exclusive of California.

[illegible]

[illegible] records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE [illegible]	Animals	Records	Milk	Fat	[illegible]
	[illegible]	[illegible]	[illegible]	Percent	[illegible]
CONNELL BARR WESLEY [illegible]0457	5 daughters--	6	7,088	4.5	[illegible]
Born, [illegible]; proved, 7-6-[illegible]; ----; [illegible]	[illegible]	16	8,219	4.2	[illegible]
Sire, 57529; dam, 175272.	Difference---	(1-4-2)	[illegible]	+.3	[illegible]
Herd Owner, Gustafson Brothers, Thomaston.					
CREST BOURN MASTERPIECE (TWIN) 59970 *9	27 daughters-	53	[illegible]	4.1	[illegible]
Born, 5-17-[illegible]8; proved, 7-7-4[illegible]; ----; N. Y.	27 dams------	123	[illegible]	[illegible]	[illegible]
Sire, 53354; dam, 99387.	Difference---	(8-21-9)	[illegible]	+.1	[illegible]
Herd Owner, Crest Bourn Farm, Champlain.					
DUCHESS SNOWGIRL'S DIADEM 65408	7 daughters--	9	[illegible]	4.0	[illegible]
Born, 10-4-40; proved, 7-29-49; ----; N. Y.	5 daughters--	7	[illegible]	4.2	[illegible]
Sire, 55526; dam, 152420.	[illegible] dams-------	[illegible]	6,681	4.4	294
Herd Owner, Tisdel G. Downing, Tully.	Difference---	(3-1-3)	[illegible]	-.2	+29
DUKE VINCENT [illegible]	6 daughters--	7	[illegible]	[illegible]	[illegible]
Born, 2-14-41; proved, 7-15-49; ----; Md.	5 daughters--	6	[illegible]	4.0	[illegible]
Sire, 57833; dam, 141753.	5 dams-------	10	[illegible]	[illegible]	[illegible]
Herd Owner, Overhill Farm, New Windsor.	Difference---	(2-3-2)	-1,163	+.1	[illegible]
FAIR MAPLES AMERICAN PILOT 58819 *9	21 daughters-	48	8,687	4.2	363
Born, 3-16-38; proved, 7-28-49; ----; N. Y.	18 daughters-	44	8,662	4.2	364
Sire, 35139; dam, 169100.	1[illegible] dams------	74	[illegible]	4.0	[illegible]
Herd Owner, Donald L. Stacy, Canton.	Difference---	(6-15-9)	[illegible]	+.2	-3
HARVEY-AYR BONNIE BALBO 66372	8 daughters--	11	6,897	4.1	282
Born, 2-16-41; proved, 7-29-49; ----; Iowa.	6 daughters--	8	[illegible]	4.2	285
Sire, 59981; dam, 168660.	[illegible] dams-------	12	[illegible]	3.6	258
Herd Owner, Nate H. Sayre, Tipton.	Difference---	(2-6-4)	-404	[illegible]	+27
LANEWAY ADVANCING SUN 66290	9 daughters--	11	8,724	[illegible]	343
Born, 1-11-41; proved, 7-6-49; dead; Mass.	7 daughters--	[illegible]	8,563	3.8	329
Sire, 51654; dam, 149222.	7 dams-------	12	8,275	[illegible]	307
Herd Owner, Thoreau Farm, Concord.	Difference---	(3-4-5)	+288	+.1	+22
LIPPITT HILDRETH DOUGLAS 58985 *9	22 daughters-	64	8,604	4.0	347
Born, 5-13-38; proved, 7-14-49; ----; Mass.	19 daughters-	55	8,584	4.0	342
Sire, 47977; dam, 137660.	19 dams------	91	8,155	4.0	328
Herd Owner, Maiden Hill Farm, Ward Hill.	Difference---	(11-11-10)	+429	.0	+14
M C C BROWNIE, IMP. 70393	5 daughters--	7	9,301	4.2	393
Born, 6-28-40; proved, 7-7-49; dead; N. Y.	5 dams-------	25	10,380	4.1	426
Sire, 52413; dam, 223100.	Difference---	(0-5-1)	-1,079	+.1	-33
Herd Owner, Cold Springs Farms, Mooers.					
NESHAMINY CORSAIR 58673 *13	9 daughters--	15	8,800	4.5	396
Born, 4-9-38; proved, 7-29-49; ----; Pa.	8 daughters--	12	8,603	4.5	391
Sire, 46441; dam, 130803.	8 dams-------	36	9,133	4.2	383
Herd Owner, Reidina Farm, Newtown.	Difference---	(4-7-5)	-530	+.3	+8
PENSHURST F.'S BONNIE LADDIE 67952	9 daughters--	12	9,471	4.3	407
Born, 8-3-41; proved, 7-6-49; dead; N. Y.	5 daughters--	6	9,883	4.4	433
Sire, 59510; dam, 108600.	5 dams-------	8	7,624	4.2	322
Herd Owner, Ray H. Van Skiver, Canisteo.	Difference---	(5-4-5)	+2,259	+.2	+111
PENSHURST FULFILLMENT 58790 *12	37 daughters-	54	8,633	4.1	355
Born, 3-29-38; proved, 7-27-49; ----; Pa.	37 dams------	164	8,568	4.0	340
Sire, 50792; dam, 115467.	Difference---	(20-26-22)	+65	+.1	+15
Herd Owner, Normandy Farm, Norristown.					
PENSHURST HIGH BID 59187 *12	29 daughters-	48	8,380	4.2	348
Born, 6-11-38; proved, 7-20-49; ----; Mass.	29 dams------	111	8,507	4.1	352
Sire, 43060; dam, 155337.	Difference---	(13-18-12)	-127	+.1	-4
Herd Owner, Woodlawn Farms, Abington.					
PINEHURST RIGHT TARHEEL 69594	7 daughters--	8	8,338	3.9	329
Born, 12-10-41; proved, 7-7-49; ----; N. C.	5 daughters--	6	8,226	3.9	324
Sire, 34381; dam, 178395.	5 dams-------	10	8,201	4.1	335
Herd Owner, Pinehurst Farms, Pinehurst.	Difference---	(2-2-2)	+25	-.2	-11

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PORTERDALE GRAND TOREADOR 53880----------	10 daughters-	19	9,552	4.0	383
Born, 3-29-36; proved, 7-6-49; dead; N. Y.	8 daughters--	16	9,771	4.1	396
Sire, 48947; dam, 142356.	8 dams-------	35	8,902	4.0	356
Herd Owner, Porterdale Farm, Watertown.	Difference---	(7-6-6)	+869	+.1	+40
RUTGER'S FRESHMAN 72232----------	5 daughters--	7	8,348	4.0	331
Born, [illegible]-42; proved, 7-20-49,----, N. J.	5 dams-------	16	8,627	4.0	344
Sire, 39151; dam, 200378.	Difference---	(2-3-2)	-279	.0	-13
Herd Owner, William S. [illegible]lick, New Brunswick.					
SCOT-AYR TRUE FORM 59057 *12----------	20 daughters-	50	7,970	4.0	317
Born, 9-27-38; proved, 7-28-49;----, N. Y.	19 daughters-	49	8,123	4.0	321
Sire, 51655; dam, 175269.	19 dams-------	96	9,021	3.9	349
Herd Owner, John Wigston, Elmira.	Difference---	(8-13-6)	-898	+.1	-28
STRATHGLASS CAPTAIN BARR 57529----------	12 daughters-	22	9,328	4.4	412
Born, 9-21-37; proved, 7-11-49; dead; N. Y.	8 daughters--	16	9,075	4.4	400
Sire, 51655; dam, 80177.	8 dams-------	36	9,332	4.1	385
Herd Owner, Strathglass Farm, Port Chester.	Difference---	(4-7-6)	-257	+.3	+15
STRATHGLASS PREMIER FAVORITE 58278 *9----------	18 daughters-	49	8,801	4.2	369
Born, 2-19-38; proved, 7-29-49; dead; W. Va.	18 dams------	81	8,407	3.9	327
Sire, 52394; dam, 145759.	Difference---	(13-15-15)	+394	+.3	+42
Herd Owner, Island Creek Coal Co., Holden.					
V. I. S. DOUGLAS ROAMER 58862 *8----------	10 daughters-	23	6,330	3.9	249
Born, 10-26-37; proved, 7-29-49; dead; Vt.	10 dams------	48	9,099	3.7	335
Sire, 50937; dam, 174815.	Difference---	(1-9-1)	-2,769	+.2	-86
Herd Owner, Will S. Tuttle, Rutland.					
WHITPAIN FIRST MAN 61571 *12----------	22 daughters-	37	8,994	4.3	387
Born, 3-30-39; proved, 7-5-49;----; Vt.	18 daughters-	33	9,168	4.3	396
Sire, 43060; dam, 183572.	18 dams------	75	8,579	4.1	350
Used in Androscoggin Valley A. B. A., Maine.	Difference---	(12-14-11)	+589	+.2	+46

BROWN SWISS SIRES

BABA'S SON OF HILLTOP 41419 *12----------	23 daughters-	34	12,927	3.6	470
Born, 6-6-38; proved, 7-28-49;----; Mich.	23 dams------	79	10,304	3.9	399
Sire, 30445; dam, 47431.	Difference---	(21-6-18)	+2,623	-.3	+71
Herd Owner, Gotfredson Farms, Grass Lake.					
BILLY BARON 37948----------	6 daughters--	9	9,538	4.0	382
Born, 9-13-36; proved, 7-29-49;----; Wis.	6 dams-------	17	9,753	3.7	362
Sire, 17460; dam, 13696.	Difference---	(3-5-3)	-215	+.3	+20
Herd Owner, Allynhurst Farm, Delavan.					
BLACKSTONE OF CEDAR VALLEY 41618 *12----------	14 daughters-	27	8,248	4.2	345
Born, 7-1-38; proved, 7-28-49; dead; Wis.	14 dams------	70	9,181	4.1	376
Sire, 32503; dam, 52879.	Difference---	(5-10-6)	-933	+.1	-31
Herd Owner, Summit Acres Farm, Lake Geneva.					
BROWNIE'S BARON 2D 57338----------	5 daughters--	5	12,036	4.3	518
Born, 11-8-42; proved, 7-27-49;----; Iowa.	5 dams-------	13	10,105	3.7	369
Sire, 43073; dam, 40321.	Difference---	(3-5-5)	+1,931	+.6	+149
Herd Owner, Frank M. Gilmore, Jefferson.					
CARL PHEIFER V. B. 2D 41769 *11----------	17 daughters-	32	11,510	3.5	402
Born, 3-9-38; proved, 7-29-49; dead; Wis.	16 daughters-	31	11,692	3.5	408
Sire, 35121; dam, 49852.	16 dams------	65	9,621	3.9	379
Used in East Central Co-op. A. B. A.	Difference---	(11-0-10)	+2,071	-.4	+29
CORNELL COMMANDER 61113----------	6 daughters--	6	9,220	4.0	371
Born, 10-25-42; proved, 7-27-49; dead; N. Y.	6 dams-------	14	9,652	3.9	380
Sire, 40111; dam, 74131.	Difference---	(2-5-2)	-432	+.1	-9
Herd Owner, Cornell University, Ithaca.					
DOROTHY'S JUMBO 41723 *10----------	9 daughters--	33	7,980	4.0	319
Born, 4-21-38; proved, 7-8-49; dead; Iowa.	9 dams-------	30	7,827	4.0	309
Sire, 36263; dam, 35044.	Difference---	(4-6-4)	+153	.0	+10
Herd Owner, Raymond Kadolph, Eldora.					
JANET'S BUSTER 57539----------	10 daughters-	10	7,561	3.8	285
Born, 12-19-42; proved, 7-11-49;----; Mich.	9 daughters--	9	7,605	3.8	287
Sire, 44024; dam, 80468.	9 dams-------	38	8,091	3.9	313
Herd Owner, August Semmerling, Bessemer.	Difference---	(3-4-3)	-486	-.1	-26
JANETTE'S BARON J. B. 42856 *10----------	14 daughters-	46	10,888	4.0	434
Born, 4-24-38; proved, 7-29-49; dead; Iowa.	14 dams------	95	10,180	4.1	419
Sire, 34504; dam, 47987.	Difference---	(8-6-8)	+708	-.1	+15
Herd Owner, Floyd Lake, Iowa Falls.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NIAGARA GIRL KING OF ELLERSLIE 42320 *12----------	18 daughters-	38	9,602	4.1	390
Born, 10-9-38; proved, 7-15-49; dead; Md.	15 daughters-	31	9,575	4.0	391
Sire, 338[illegible]; dam, 50070.	15 dams------	58	9,977	4.0	402
Herd Owner, Ward Brothers, Rockville.	Difference---	(4-9-6)	-302	.0	-11
FREIFER M. OF ARTHURST 54128----------	6 daughters--	6	[illegible]	3.9	[illegible]
Born, 10-1-41; proved, 7-27-49; dead; Minn.	5 daughters--	5	9,764	3.9	380
Sire, 30922; dam, 85423.	5 dams------	11	10,499	3.7	394
Herd Owner, Arthur Sprengler, Green Isle.	Difference---	(1-3-1)	-735	+.2	-14
WALHALLA WONDER SIGNAL 41664 *12----------	25 daughters-	43	10,054	4.2	422
Born, 9-16-38; proved, 7-29-49;----; Conn.	22 daughters-	39	10,440	4.2	439
Sire, 31781; dam, 59500.	22 dams------	64	11,448	4.0	457
Herd Owner, Judd's Bridge Farms, New Milford.	Difference---	(7-18-11)	-1,008	+.2	-18

GUERNSEY SIRES

AJAX OF HUFF FARM 240348----------	7 daughters--	12	7,258	5.3	385
Born, 1-24-36; proved, 7-28-49;----; Mich.	6 daughters--	8	7,005	5.4	377
Sire, 182897; dam, 280814.	6 dams-------	16	8,390	5.1	427
Herd Owner, Andrew Huff, White Pigeon.	Difference---	(0-4-1)	-1,385	+.3	-50
ARGILLA CAESAR 225790----------	25 daughters-	46	9,690	4.8	462
Born, 3-11-35; proved, 7-27-49;----; Mass.	7 daughters--	12	9,744	4.8	466
Sire, 178703; dam, 187483.	7 dams-------	20	9,114	4.7	432
Herd Owner, Frederic Winthrop, Ipswich.	Difference---	(5-4-5)	+630	+.1	+34
BAYVILLE COUNTRY KING 305264----------	9 daughters--	9	7,485	5.1	381
Born, 7-2-41; proved, 7-8-49; alive; Va.	8 daughters--	8	7,423	5.1	378
Sire, 215828; dam, 330600.	8 dams-------	9	6,877	5.0	343
Herd Owner, Bayville Farms, Lynnhaven.	Difference---	(5-6-5)	+546	+.1	+35
BAYVILLE DIMPLE'S MAXIM 288873----------	5 daughters--	5	9,434	4.6	435
Born, 3-29-40; proved, 7-11-49; dead; Va.	5 dams-------	10	7,616	5.1	391
Sire, 198772; dam, 266677.	Difference---	(5-2-3)	+1,818	-.5	+44
Herd Owner, Bayville Farms, Lynnhaven.					
BENTON'S NOBLEMAN 288437----------	23 daughters-	30	6,667	5.5	364
Born, 2-10-40; proved, 7-8-49;----; Va.	8 daughters--	12	6,205	5.6	348
Sire, 235497; dam, 395872.	8 dams-------	14	8,925	4.4	393
Herd Owner, Mrs. J. P. Laughlin, Leesburg.	Difference---	(1-8-2)	-2,720	+1.2	-45
BLAKEFORD WILMER 303094----------	12 daughters-	15	7,683	4.4	338
Born, 5-4-41; proved, 7-5-49;----; Wis.	9 daughters--	11	8,274	4.5	370
Sire, 206846; dam, 414141.	9 dams-------	19	7,817	4.9	383
Used in University of Wisconsin (A. B. A.).	Difference---	(7-2-3)	+457	-.4	-13
BOULDER BRIDGE CHANCELLOR 296269 *12----------	13 daughters-	24	6,586	5.1	334
Born, 3-10-40; proved, 7-8-49; dead; Wis.	10 daughters-	19	6,673	5.1	342
Sire, 259502; dam, 340050.	10 dams------	43	5,995	4.9	296
Herd Owner, Charles J. Mitchell, Waukesha.	Difference---	(7-7-7)	+678	+.2	+46
BOULDER BRIDGE COMBINE 354977----------	6 daughters--	6	9,977	4.7	464
Born, 1-26-44; proved, 7-6-49; alive; Minn.	5 daughters--	5	10,499	4.6	484
Sire, 235690; dam, 540894.	5 dams-------	12	8,674	5.0	434
Herd Owner, Chris Skaar & Sons, Hayward.	Difference---	(5-0-5)	+1,825	-.4	+50
BOULDER BRIDGE HEROIC 315271----------	12 daughters-	16	7,345	4.9	361
Born, 9-1-41; proved, 7-28-49;----; Minn.	8 daughters--	12	7,150	5.0	357
Sire, 235690; dam, 406609.	8 dams-------	30	6,664	4.9	326
Herd Owner, Elm Crest Farm, Hopkins.	Difference---	(4-5-6)	+486	+.1	+31
BOULDER BRIDGE HIGHTIDE 340813----------	7 daughters--	7	6,197	5.2	324
Born, 5-15-43; proved, 7-26-49;----; Minn.	7 dams-------	16	6,770	5.2	350
Sire, 259502; dam, 633297.	Difference---	(3-4-3)	-573	.0	-26
Herd Owner, Robert L. Ott & Wingert, Albert Lea.					
BOULDER BRIDGE REVELATION 331100----------	6 daughters--	8	8,790	4.3	381
Born, 1-12-43; proved, 7-8-49;----; Wis.	6 dams-------	17	8,584	4.7	403
Sire, 262343; dam, 479225.	Difference---	(2-1-3)	+206	-.4	-22
Herd Owner, Benjamin Wellstein, Knapp.					
BOURNEDALE MAXIM CORONET 327805----------	6 daughters--	10	9,254	5.1	468
Born, 8-30-42; proved, 7-1-49;----; Va.	6 dams-------	21	8,663	5.2	448
Sire, 223212; dam, 476764.	Difference---	(3-2-3)	+591	-.1	+20
Herd Owner, John D. Blair, Jr., Richmond.					
BOURNEDALE MAXIM LA NOCE 327806----------	5 daughters--	5	8,094	4.9	399
Born, 9-15-42; proved, 7-11-49;----; Va.	5 dams-------	8	7,151	5.1	368
Sire, 223212; dam, 469590.	Difference---	(4-2-3)	+943	-.2	+31
Herd Owner, J. N. Elam, Belona.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BUTTERKING OF HALBERDALE 314329----------	9 daughters--	15	7,673	4.1	313
Born, 11-17-40; proved, 7-29-49;----; Wis.	6 daughters--	11	7,791	4.1	321
Sire, 237261; dam, 618616.	6 dams-------	20	7,648	4.4	340
Herd Owner, Herman W. Tegen, Kennan.	Difference---	(3-1-2)	+143	-.3	-19
CESOR NOBLE MAXIM 290263----------	11 daughters-	12	9,308	5.2	486
Born, 9-2-39; proved, 7-29-49;----; N. C.	7 daughters--	7	9,710	5.2	504
Sire, 212790; dam, 406060.	7 dams-------	8	8,319	5.0	413
Herd Owner, Quail Roost Farm, Rougemont.	Difference---	(6-4-6)	+1,391	+.2	+91
C. F.'S ROMULUS' RILMA LAD 350263----------	6 daughters--	6	7,120	5.2	371
Born, 10-2-43; proved, 7-29-49;----; Pa.	6 dams-------	38	8,951	5.0	444
Sire, 303912; dam, 551874.	Difference---	(1-4-1)	-1,831	+.2	-73
Herd Owner, W. Paul Mummert, Chambersburg.					
CLEARVIEW'S BLITZKRIEG 316441----------	7 daughters--	7	8,138	4.9	400
Born, 1-25-42; proved, 7-26-49;----; Ohio.	7 dams-------	27	8,560	4.7	404
Sire, 273978; dam, 630289.	Difference---	(1-5-3)	-422	+.2	-4
Herd Owner, Coldwater Guernsey Dairy, Coldwater.					
COLDSPRING'S BEAUTY'S BENEDICK 339784----------	8 daughters--	9	7,988	4.8	386
Born, 4-9-43; proved, 7-8-49; alive; Pa.	8 dams-------	30	7,784	5.1	398
Sire, 297887; dam, 557156.	Difference---	(5-1-2)	+204	-.3	-12
Herd Owner, J. Thomas Carman, Glen Rock.					
COLDSPRING'S HARDWICK'S ROMEO 287310----------	13 daughters-	23	5,544	4.9	269
Born, 1-8-40; proved, 7-29-49;----; N. Y.	5 daughters--	13	5,720	4.9	282
Sire, 207097; dam, 503753.	5 dams-------	12	7,511	4.8	359
Herd Owner, Alexander Karniki, Elba.	Difference---	(1-5-1)	-1,791	+.1	-77
DAISY'S KING VICTORY 320653----------	6 daughters--	7	6,683	4.3	287
Born, 2-12-42; proved, 7-29-49;----; Minn.	6 dams-------	13	8,373	3.9	326
Sire, 226822; dam, 541143.	Difference---	(0-5-1)	-1,690	+.4	-39
Used in West St. Louis Co. A. B. A.					
DAVISSON FARMS ROYAL 314943----------	16 daughters-	21	5,558	4.8	266
Born, 1-14-42; proved, 7-14-49;----; W. Va.	7 daughters--	8	5,701	4.7	267
Sire, 288459; dam, 629233.	7 dams-------	19	7,980	4.6	367
Herd Owner, Maxwell Farms Dairy, Clarksburg.	Difference---	(0-5-0)	-2,279	+.1	-100
DELIGHT OF AMITY 336885----------	7 daughters--	12	7,209	5.3	383
Born, 8-14-40; proved, 7-20-49;----; Minn.	5 daughters--	10	7,330	5.3	386
Sire, 209485; dam, 516764.	5 dams-------	9	8,258	4.3	353
Herd Owner, Oscar Kannus, Angora.	Difference---	(3-5-3)	-928	+1.0	+33
DOUGLASTON BARON NORTON 315920----------	9 daughters--	9	7,548	5.0	376
Born, 3-15-42; proved, 7-28-49; dead; Vt.	9 dams-------	34	7,329	4.8	354
Sire, 226719; dam, 462396.	Difference---	(5-7-6)	+219	+.2	+22
Herd Owner, Albert D. Mills, Florence.					
DUTCH OF SUNNYBROOK 311217----------	7 daughters--	11	5,406	5.5	296
Born, 7-30-41; proved, 7-29-49;----; Iowa.	6 daughters--	9	5,530	5.4	301
Sire, 264760; dam, 593612.	6 dams-------	25	6,241	4.9	308
Herd Owner, Charles Winter, Wadena.	Difference---	(2-6-2)	-711	+.5	-7
ELMWOOD FARMS LADYSMAN 337263----------	6 daughters--	6	7,940	4.7	375
Born, 9-11-42; proved, 7-29-49;----; N. Y.	6 dams-------	30	8,776	4.6	402
Sire, 279704; dam, 378568.	Difference---	(2-4-2)	-836	+.1	-27
Herd Owner, John P. Murphy & Son, Tully.					
ELMWOOD FARMS ROYAL FLUSH 321997----------	10 daughters-	13	8,694	4.6	402
Born, 3-22-42; proved, 7-11-49;----; N. Y.	9 daughters--	12	8,653	4.6	401
Sire, 279696; dam, 515298.	9 dams-------	40	7,960	4.8	384
Herd Owner, C. Gage Robson, Geneva.	Difference---	(7-3-5)	+693	-.2	+17
EMPEROR OF GOLDEN HOPE 308924----------	6 daughters--	9	8,458	4.9	413
Born, 9-15-41; proved, 7-13-49;----; Ill.	5 daughters--	7	8,547	4.8	414
Sire, 303127; dam, 694789.	5 dams-------	8	6,974	4.7	328
Herd Owner, Russell Boman, Loda.	Difference---	(4-3-3)	+1,573	+.1	+86
ETH-MEAD MAY QUEEN'S PRINCE 327624----------	5 daughters--	6	9,354	5.0	472
Born, 7-30-42; proved, 7-20-49;----; Mich.	5 dams-------	10	11,028	4.9	536
Sire, 231556; dam, 409586.	Difference---	(0-3-1)	-1,674	+.1	-64
Herd Owner, Hulbert R. Gilmore, Camden.					
FAIRLAWN H. FAME 312080----------	8 daughters--	8	7,433	4.8	357
Born, 11-22-41; proved, 7-28-49;----; Conn.	5 daughters--	5	7,419	4.8	360
Sire, 189962; dam, 485714.	5 dams-------	11	7,899	4.8	382
Herd Owner, Gladview Farms, Bethlehem.	Difference---	(2-2-2)	-480	.0	-22
FAIRLAWN MAXIM'S FORESTER 307988----------	5 daughters--	5	8,254	4.7	390
Born, 8-4-41; proved, 7-20-49;----; Mich.	5 dams-------	24	9,083	4.9	442
Sire, 247877; dam, 382127.	Difference---	(2-3-1)	-829	-.2	-52
Herd Owner, John A. Stump & Sons, Sodus.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FASHIONER OF FLOBEN 344144----------	10 daughters-	10	7,622	4.8	364
Born, 9-28-43; proved, 7-1[illegible]-49;----; Mich.	[illegible] daughters--	5	7,420	4.9	360
Sire, 312077; dam, 599769.	5 dams-------	11	7,690	4.9	375
Herd Owner, Robert Etter, Walled Lake.	Difference---	(3-2-2)	-270	.0	-15
FEURA JESTER 306295----------	8 daughters--	9	8,469	4.8	405
Born, 4-12-41; proved, 7-29-49; dead; N. Y.	6 daughters--	7	8,625	4.8	412
Sire, 266193; dam, 362012.	6 dams-------	25	9,537	4.7	444
Herd Owner, C. J. Heller & Son, Feura Bush.	Difference---	(3-4-2)	-912	+.1	-32
FLORHAM COUNSELOR 260476----------	6 daughters--	8	8,069	4.8	390
Born, 10-22-37; proved, 7-8-49;----; Pa.	5 daughters--	6	7,782	4.7	369
Sire, 205128; dam, 505842.	5 dams-------	8	8,967	5.0	447
Herd Owner, Laurel Locks Farms, Pottstown.	Difference---	(1-1-1)	-1,185	-.3	-78
FOREMOST DIAMOND JIM 340080----------	6 daughters--	6	9,090	5.1	463
Born, 10-28-42; proved, 7-15-49; alive; Vt.	5 daughters--	5	9,314	5.1	473
Sire, 185651; dam, 277109.	5 dams-------	12	9,508	4.9	467
Herd Owner, Arthur D. Pinkham, Wilmington.	Difference---	(2-3-3)	-194	+.2	+6
FRANCHESTER THANE 281329----------	6 daughters--	9	6,820	4.6	313
Born, 6-25-39; proved, 7-11-49; dead; W. Va.	5 daughters--	8	6,973	4.7	326
Sire, 186375; dam, 446729.	5 dams-------	16	7,693	4.6	356
Herd Owner, Carl Bott, Triadelphia.	Difference---	(1-3-1)	-720	+.1	-30
FRANKLIN W. 337360----------	6 daughters--	12	7,410	4.6	341
Born, 12-8-40; proved, 7-28-49;----; Mich.	5 daughters--	10	7,427	4.6	340
Sire, 247124; dam, 366225.	5 dams-------	11	7,536	4.5	342
Herd Owner, Carl Benson, Galien.	Difference---	(3-3-3)	-109	+.1	-2
GALLANT'S GREGOR OF RIVERSIDE 276522----------	5 daughters--	6	7,199	4.9	351
Born, 4-15-39; proved, 7-20-49;----; Minn.	5 dams-------	15	6,345	5.3	336
Sire, 201052; dam, 190348.	Difference---	(3-1-2)	+854	-.4	+15
Herd Owner, Webb Newhall, Hill City.					
GAYHEAD'S HIS HOPEFUL 317249----------	10 daughters-	11	8,016	4.7	377
Born, 1-24-41; proved, 7-11-49;----; Mass.	7 daughters--	7	8,076	4.6	374
Sire, 259917; dam, 406494.	7 dams-------	15	9,142	4.7	430
Herd Owner, Three "H" Farm, Leominster.	Difference---	(1-3-2)	-1,066	-.1	-56
GIM-JOHN OF THE OAKS FARM 335032----------	5 daughters--	5	7,923	4.7	373
Born, 3-8-43; proved, 7-20-49;----; Wis.	5 dams-------	20	8,561	4.7	401
Sire, 295468; dam, 642839.	Difference---	(2-3-2)	-638	.0	-28
Herd Owner, Theodore G. Best, Downing.					
GOLDIE'S CHIEF OF TIPTONOLA 319726----------	12 daughters-	19	7,696	4.9	377
Born, 12-25-41; proved, 7-6-49; dead; Iowa.	6 daughters--	9	7,665	4.7	360
Sire, 288612; dam, 259846.	6 dams-------	12	8,883	4.9	439
Herd Owner, E. S. Johnson & Son, Greene.	Difference---	(2-3-1)	-1,218	-.2	-79
GUERSHAW VALIANT 352559----------	5 daughters--	7	8,763	4.8	423
Born, 6-4-41; proved, 7-26-49;----; W. Va.	5 dams-------	10	7,386	4.7	351
Sire, 241895; dam, 630777.	Difference---	(5-3-4)	+1,377	+.1	+72
Herd Owner, B. A. Rapp & Son, Renick.					
HARMONY HOLLOW HERCULES 287622----------	12 daughters-	18	7,716	5.2	403
Born, 4-12-40; proved, 7-28-49;----; Pa.	8 daughters--	13	7,559	5.2	390
Sire, 263660; dam, 456476.	8 dams-------	13	8,852	4.9	433
Herd Owner, Dr. Richard B. Ernest, Yardley.	Difference---	(2-6-2)	-1,293	+.3	-43
HIGHCROFT MATCHER DEAN 310062----------	6 daughters--	6	8,726	4.5	391
Born, 8-14-41; proved, 7-29-49;----; Iowa.	5 daughters--	5	8,790	4.6	403
Sire, 276169; dam, 555104.	5 dams-------	14	6,598	4.8	318
Herd Owner, Cottrell & Stewart, Tipton.	Difference---	(5-1-5)	+2,192	-.2	+85
HILLTOP BUTTERFAT REGENT 293366----------	6 daughters--	8	9,043	4.4	398
Born, 7-28-40; proved, 7-15-49;----; Conn.	5 daughters--	7	9,385	4.4	416
Sire, 240324; dam, 412813.	5 dams-------	12	7,599	4.3	328
Herd Owner, Herman R. Weingart, Jr., Torrington.	Difference---	(5-4-5)	+1,786	+.1	+88
HOMESTEAD JULE 324066----------	5 daughters--	9	7,621	4.9	370
Born, 11-21-40; proved, 7-29-49;----; Wis.	5 dams-------	15	6,956	4.4	304
Sire, 245211; dam, 417073.	Difference---	(4-5-4)	+665	+.5	+66
Used in Badger Co-op. A. B. A.					
KING LEAR'S KNIGHT 298037 *13----------	12 daughters-	13	9,433	5.2	494
Born, 11-3-40; proved, 7-6-49; dead; Pa.	12 dams------	69	8,509	4.9	419
Sire, 233700; dam, 455417.	Difference---	(8-10-12)	+924	+.3	+75
Herd Owner, William H. Woolverton, Alexandria.					
KING PRINCE OF MODERN ACRES 314942----------	6 daughters--	14	8,885	5.0	442
Born, 1-10-42; proved, 7-29-49;----; Pa.	5 daughters--	13	9,604	5.0	477
Sire, 249436; dam, 527297.	5 dams-------	25	8,429	5.2	436
Herd Owner, E. H. Bailey & Sons, Oxford.	Difference---	(4-1-4)	+1,175	-.2	+41

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING SEQUEL OF SUNNY LEA 303522----------	7 daughters--	8	10,239	4.7	485
Born, 7-15-41; proved, 7-7-49;----; Conn.	5 daughters--	6	9,886	4.7	465
Sire, 272480; dam, 461097.	5 dams-------	12	9,537	4.6	439
Used in Indiana A. B. A., Ind.	Difference---	(4-3-3)	+349	+.1	+26
KITCHENER FIELD MARSHAL 335302----------	11 daughters-	11	7,973	4.4	354
Born, 5-30-42; proved, 7-14-49;----; N. H.	10 daughters-	10	7,955	4.4	352
Sire, 280641; dam, 431887.	10 dams------	39	8,383	4.5	374
Herd Owner, Hampshire Hills Farms Co., Wilton.	Difference---	(5-6-4)	-428	-.1	-22
KLONDIKE KORONET 306862----------	8 daughters--	10	7,187	4.4	318
Born, 4-24-41; proved,7-29-49;----; Va.	5 daughters--	6	7,462	4.3	324
Sire, 193529; dam, 358351.	5 dams-------	15	6,225	4.5	279
Herd Owner, Nester C. Perdue, Pulaski.	Difference---	(4-2-3)	+1,237	-.2	+45
LADY'S MONITOR OF PRESTDALE 289852----------	11 daughters-	13	7,624	5.2	400
Born, 1-5-40; proved, 7-29-49;----; Utah.	6 daughters--	8	7,790	5.4	420
Sire, 248249; dam, 182257.	6 dams-------	8	9,072	5.1	467
Herd Owner, John J. Barnard, Heber.	Difference---	(1-4-2)	-1,282	+.3	-47
LARKSPUR'S KING OF SPAR HILL 299761----------	6 daughters--	13	7,276	4.5	327
Born, 12-16-40; proved, 7-13-49;----; Pa.	6 dams-------	26	7,268	5.0	364
Sire, 236860; dam, 619376.	Difference---	(5-0-2)	+8	-.5	-37
Herd Owner, Dr. Edward A. Webb, Avondale.					
LOMA ITCHEN'S BROADCASTER 278738----------	11 daughters-	11	7,643	5.0	383
Born, 3-27-39; proved, 7-21-49;----; Mich.	8 daughters--	8	8,000	5.0	400
Sire, 232097; dam, 426038.	8 dams-------	14	7,465	4.7	353
Herd Owner, Matt Turunen, Pelkie.	Difference---	(5-4-6)	+535	+.3	+47
LONE PECAN REX 318972----------	13 daughters-	27	8,691	4.9	427
Born, 9-10-41; proved, 7-29-49;----; Mo.	5 daughters--	9	9,119	4.8	440
Sire, 285222; dam, 692305.	5 dams-------	11	7,997	4.6	371
Herd Owner, Bertha Vermule & Sons, Billings.	Difference---	(4-3-4)	+1,122	+.2	+69
LONE PINE FREEMAN 345079----------	8 daughters--	10	9,737	4.9	479
Born, 12-14-42; proved, 7-1-49; alive; Ohio.	5 daughters--	7	10,510	4.9	516
Sire, 288588; dam, 527127.	5 dams-------	19	10,153	4.9	501
Herd Owner, Carl Fortkamp, Coldwater.	Difference---	(4-3-4)	+357	.0	+15
LONGACRES GOLDEN CRYSTAL 292576----------	6 daughters--	9	7,960	4.8	383
Born, 2-18-40; proved, 7-26-49;----; Mich.	6 dams-------	20	8,264	4.6	383
Sire, 180412; dam, 334669.	Difference---	(3-5-2)	-304	+.2	0
Herd Owner, Henry Hetzner & Sons, Saginaw.					
MAGNATE'S BUEEY BOY 240189----------	9 daughters--	14	5,132	4.9	251
Born, 1-3-36; proved, 7-14-49;----; Va.	6 daughters--	7	4,824	5.1	248
Sire, 202805; dam, 370332.	6 dams-------	10	5,768	4.5	259
Herd Owner, E. E. Chumbley, Radford.	Difference---	(2-6-3)	-944	+.6	-11
MAJESTY OF WALNUT TREE FARM 360844----------	5 daughters--	5	7,993	5.2	416
Born, 2-3-44; proved, 7-5-49;----; Ill.	5 dams-------	16	9,131	5.2	479
Sire, 214348; dam, 444338.	Difference---	(2-3-2)	-1,138	.0	-63
Herd Owner, Walnut Tree Farm, Palatine.					
MARJOHNELLE C. KING 310053----------	17 daughters-	24	9,242	4.7	430
Born, 1-16-41; proved, 7-15-49;----; Ind.	10 daughters-	13	9,229	4.7	430
Sire, 236365; dam, 405988.	10 dams------	18	9,309	4.8	449
Herd Owner, A. J. Custer & Sons, Garrett.	Difference---	(6-6-6)	-80	-.1	-19
MA-RU MEADOW'S PHARAO 331439----------	7 daughters--	9	7,477	4.4	332
Born, 2-5-42; proved, 7-20-49;----; Mich.	6 daughters--	7	7,535	4.4	332
Sire, 250862; dam, 588989.	6 dams-------	32	7,691	4.4	341
Herd Owner, Rudy Herklotz, Lapeer.	Difference---	(4-4-4)	-156	.0	-9
MAY ROSE TRUCE 3D 312909----------	5 daughters--	7	7,591	5.0	380
Born, 8-28-41; proved, 7-28-49;----; Va.	5 dams-------	12	7,425	4.9	362
Sire, 259252; dam, 383414.	Difference---	(1-4-2)	+166	+.1	+18
Herd Owner, W. S. Green, Crewe.					
MCCULLOUGH'S ULTRA REX 351952----------	5 daughters--	7	7,320	4.9	361
Born, 6-18-42; proved, 7-15-49; dead; Pa.	5 dams-------	15	7,495	4.7	351
Sire, 310526; dam, 602155.	Difference---	(2-3-3)	-175	+.2	+10
Herd Owner, Donald T. McCullough, Newville.					
MIDVIEW'S CHIEFTAIN 309954----------	5 daughters--	5	10,385	4.7	488
Born, 7-6-41; proved, 7-19-49;----; Va.	5 dams-------	15	9,034	4.7	428
Sire, 159163; dam, 470060.	Difference---	(4-2-4)	+1,351	.0	+60
Herd Owner, A. Mistr & Sons, Richmond.					
MILKMAID'S GOLD BOND 328658----------	10 daughters-	25	8,129	5.1	417
Born, 2-1-40; proved, 7-28-49;----; Md.	8 daughters--	19	8,380	5.1	426
Sire, 257353; dam, 429131.	8 dams-------	38	7,733	4.9	381
Herd Owner, Earl E. Kline, Hagerstown.	Difference---	(5-6-5)	+647	+.2	+45

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MOBJACK ILEX'S LAD [illegible]----------	8 daughters--	[illegible]	[illegible]	5.2	57
Born, 8-[illegible]; proved, 7-11-4[illegible],----; Va.	7 daughters--	11	6,889	5.1	353
Sire, [illegible]; dam, 457591.	[illegible] dams-------	12	[illegible]	[illegible]	304
Herd Owner, Philip W. Murray, Morrison.	Difference---	(3-4-4)	+755	+.2	+49
MOLLY'S COUNT JAKE [illegible]----------	14 daughters-	[illegible]	6,797	4.9	[illegible]
Born, [illegible]; proved, [illegible]; [illegible]: Iowa.	7 daughters--	11	[illegible]	4.7	341
Sire, [illegible]; dam, [illegible].	7 dams-------	18		4.9	369
Herd Owner, August Piphe, Sumner.	Difference---	(3-2-1)	-266	-.2	-28
MULHOCAWAY C. BEAU [illegible]----------	7 daughters--	11	7,022	4.9	[illegible]
Born, [illegible]; proved, [illegible]; [illegible]: N. J.	7 dams-------	21	7,955	[illegible]	362
Sire, [illegible]; dam, 516410.	Difference---	(0-7-2)	-933	+.3	-17
Herd Owner, Arthur M. Holbrook, Rosemont.					
NATE SEQUEL OF LAUREL CLIFF 315713----------	6 daughters--	7	8,236	5.0	409
Born, 4-19-42; proved, 7-11-49; alive; Va.	6 dams-------	1[illegible]	9,106	4.9	447
Sire, 263213; dam, 517904.	Difference---	(2-3-1)	-870	+.1	-38
Herd Owner, Frank S. Loyd, Monroe.					
PAT OF WOODRUFF FARM (TWIN) 289820----------	11 daughters-	14	6,647	[illegible]	[illegible]
Born, 8-28-39; proved, 7-18-49;----; Iowa.	6 daughters--	8	6,247	5.1	320
Sire, 251153; dam, 480002.	6 dams-------	21	7,871	4.7	371
Used in Eastern Iowa A. B. A., Inc.	Difference---	(1-5-1)	-1,624	+.4	-51
PENSTATE BEAUTY'S HAROLD 277092----------	10 daughters-	20	8,523	4.9	414
Born, 2-27-39; proved, 7-20-49;----; Pa.	6 daughters--	11	9,231	4.7	438
Sire, 246072; dam, 417308.	6 dams-------	12	7,476	4.6	346
Herd Owner, S. Harry Markey, Loysburg.	Difference---	(4-4-6)	+1,755	+.1	+92
PINE MANOR TROJAN 302794----------	12 daughters-	15	8,748	4.9	429
Born, 2-18-41; proved, 7-6-49; alive; Ohio.	9 daughters--	12	8,997	4.[illegible]	444
Sire, 222607; dam, 616980.	9 dams-------	15	9,410	4.8	447
Herd Owner, L. L. Hofman, Van Wert.	Difference---	(4-5-5)	-413	+.1	-3
PLOVERLIN MEMOIR 296068 *13----------	12 daughters-	12	6,642	4.8	319
Born, 5-30-40; proved, 7-29-49; dead; Wis.	10 daughters-	10	6,862	4.8	331
Sire, 279114; dam, 497410.	10 dams------	33	7,368	4.9	364
Herd Owner, Roy Burhopp, Marshfield.	Difference---	(3-5-4)	-506	-.1	-33
POLLYANNA'S LAD OF SMITHDALE 261061----------	14 daughters-	38	7,252	4.7	342
Born, 3-17-37; proved, 7-8-49; dead; Iowa.	7 daughters--	20	7,013	4.8	336
Sire, 212365; dam, 390289.	7 dams-------	10	8,145	4.8	387
Herd Owner, J. W. & Evelyn Rider, Corydon.	Difference---	(3-4-3)	-1,132	.0	-51
PORT'S AFRICANDER JOE 305521----------	6 daughters--	10	5,344	5.2	280
Born, 2-13-40; proved, 7-28-49;----; Pa.	6 dams-------	20	6,253	5.3	332
Sire, 246924; dam, 409031.	Difference---	(2-3-2)	-909	-.1	-52
Herd Owner, Howard G. Mahle, Miola.					
RAIDER OF THREE MAPLES 332084----------	8 daughters--	12	10,127	4.5	457
Born, 11-22-42; proved, 7-26-49; dead; N. Y.	7 daughters--	11	10,153	4.5	459
Sire, 243870; dam, 518441.	7 dams-------	14	12,904	3.7	484
Used in New York Co-op. A. B. A., Inc.	Difference---	(1-7-2)	-2,751	+.8	-25
RAMONA ALDEN'S BUSTER 345618----------	5 daughters--	5	8,747	4.8	424
Born, 1-21-43; proved, 7-19-49;----; Ill.	5 dams-------	8	9,024	5.2	467
Sire, 263033; dam, 556292.	Difference---	(3-2-1)	-277	-.4	-43
Herd Owner, Walter Baumgartner, Walnut.					
RED ROVER KNIGHT 333508----------	6 daughters--	6	6,702	4.9	329
Born, 5-19-42; proved, 7-29-49;----; Va.	6 dams-------	19	9,069	4.5	404
Sire, 300202; dam, 666402.	Difference---	(0-4-0)	-2,367	+.4	-75
Herd Owner, I. H. Huff, Glade Spring.					
RIEGELDALE KING'S LAD 329469----------	7 daughters--	10	8,454	5.1	428
Born, 8-12-42; proved, 7-19-49;----; Pa.	6 daughters--	8	8,293	5.0	412
Sire, 240947; dam, 445703.	6 dams-------	19	8,694	5.2	453
Herd Owner, William C. Clark, Lahaska.	Difference---	(1-2-2)	-401	-.2	-41
ROBIN RUN VAL AVIATOR 309570----------	5 daughters--	6	7,709	5.1	396
Born, 8-26-41; proved, 7-29-49;----; Pa.	5 dams-------	8	6,991	4.8	336
Sire, 276667; dam, 457415.	Difference---	(4-4-5)	+718	+.3	+60
Herd Owner, L. Ivins Smith, New Hope.					
ROSEWALD HONORA'S HERO 312695----------	12 daughters-	12	6,397	4.5	289
Born, 11-8-41; proved, 7-11-49;----; Conn.	9 daughters--	9	6,007	4.5	272
Sire, 289244; dam, 550227.	9 dams-------	31	8,262	4.2	347
Herd Owner, George E. Norman, Jewett City.	Difference---	(0-8-0)	-2,255	+.3	-75
ROTHERWOOD JOVIAL JOE 327407----------	9 daughters--	11	8,082	5.1	411
Born, 9-22-42; proved, 7-19-49;----; Va.	7 daughters--	8	7,921	5.1	405
Sire, 248256; dam, 608874.	7 dams-------	9	7,302	4.6	338
Herd Owner, G. G. Harris, Stevensburg.	Difference---	(4-4-5)	+619	+.5	+67

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROYAL OF DAWN VALLEY FARM 340853----------	7 daughters--	7	5,176	4.5	233
Born, 5-27-43; proved, 7-1-49; dead; Pa.	6 daughters--	6	5,430	4.5	245
Sire, 283040; dam, 759163.	6 dams-------	14	6,916	4.8	334
Herd Owner, Donald F. Van Scyor, Shippensburg.	Difference---	(1-0-1)	-1,486	-.3	-89
RUBY'S NIPPER 309231----------	8 daughters--	15	7,231	5.0	362
Born, 9-15-41; proved, 7-15-49; dead; Minn.	5 daughters--	8	7,270	5.1	372
Sire, 205677; dam, 381294.	5 dams-------	7	7,309	4.5	331
Herd Owner, C. Irving Freeman, Dexter.	Difference---	(3-4-3)	-39	+.6	+41
ST. JAMES COUNT'S JEROME 314964----------	6 daughters--	6	6,417	5.2	331
Born, 10-31-41; proved, 7-28-49;----; Wis.	6 dams-------	25	7,009	4.9	345
Sire, 225992; dam, 617105.	Difference---	(2-5-2)	-592	+.3	-14
Herd Owner, Elmer T. Voigt, Reedsville.					
SALINE VALLEY EXCALIBUR'S KING 292554----------	7 daughters--	9	9,470	4.6	438
Born, 1-24-40; proved, 7-20-49;----; Mich.	6 daughters--	7	9,456	4.6	436
Sire, 260311; dam, 533803.	6 dams-------	14	9,074	4.5	405
Herd Owner, Mrs. H. L. Morris, Novi.	Difference---	(3-5-3)	+382	+.1	+31
SEDGLEY ALBERT'S ULTIMAS 312751----------	8 daughters--	11	6,540	4.9	321
Born, 2-8-41; proved, 7-27-49;----; Wis.	8 dams-------	43	7,546	4.7	355
Sire, 271364; dam, 317402.	Difference---	(2-5-2)	-1,006	+.2	-34
Herd Owner, Edward Klann, Chilton.					
SEDGLEY NOBLE'S RAYMOND 310228----------	8 daughters--	13	7,089	4.7	333
Born, 3-17-41; proved, 7-20-49;----; Wis.	6 daughters--	9	7,459	4.8	361
Sire, 271364; dam, 575243.	6 dams-------	18	6,809	5.0	339
Herd Owner, Theodore Welles, Rosendale.	Difference---	(4-3-3)	+650	-.2	+22
SINCERETY OF MATHER FARMS 325932----------	7 daughters--	14	7,374	5.0	371
Born, 12-21-40; proved, 7-8-49; dead; Iowa.	6 daughters--	12	7,646	5.0	380
Sire, 223681: dam, 385756.	6 dams-------	25	8,149	5.0	406
Herd Owner, Grapp Brothers, Clarksville.	Difference---	(2-3-1)	-503	.0	-26
STERLINGOLD FORESTER 337294----------	5 daughters--	5	9,118	4.9	442
Born, 1-25-43; proved, 7-14-49;----; N. Y.	5 dams-------	15	9,379	4.9	461
Sire, 298061; dam, 659557.	Difference---	(1-2-1)	-261	.0	-19
Used in Connecticut A. B. A., Inc., Conn.					
STRINGTOWN JACQUES 314336----------	7 daughters--	11	7,267	5.0	361
Born, 6-13-40; proved, 7-26-49;----; Iowa.	5 daughters--	7	7,181	5.2	370
Sire, 230875; dam, 208632.	5 dams-------	25	8,720	5.2	457
Herd Owner, Harry Reese & Son, Prescott.	Difference---	(2-2-1)	-1,539	.0	-87
SUNNY VALLEY'S MACARTHUR 325294----------	10 daughters-	10	6,987	5.1	354
Born, 6-19-41; proved, 7-29-49;----; Minn.	6 daughters--	6	6,834	5.1	348
Sire, 284828; dam, 559285.	6 dams-------	8	7,664	5.2	401
Herd Owner, Streverling Farms, Austin.	Difference---	(3-2-3)	-830	-.1	-53
TESSIE'S PEERLESS OF ALTA VISTA 272077----------	11 daughters-	22	6,775	5.0	337
Born, 11-17-38; proved, 7-28-49;----; Pa.	5 daughters--	12	6,386	5.0	318
Sire, 210956; dam, 431747.	5 dams-------	7	5,425	5.0	272
Herd Owner, Alta Vista Guernsey Dairy, Indiana.	Difference---	(2-2-2)	+961	.0	+46
THE IDEAL BOMBER 323394----------	5 daughters--	7	8,537	4.5	383
Born, 6-14-42; proved, 7-1-49; dead; Pa.	5 dams-------	10	8,204	4.7	385
Sire, 250886; dam, 456544.	Difference---	(3-2-3)	+333	-.2	-.2
Herd Owner, Henry W. Ross, Sunbury.					
TRANQUILLITY'S H. B. OF PRIMROSE 308632----------	5 daughters--	7	8,774	5.3	463
Born, 7-9-41; proved, 7-15-49;----; Minn.	5 dams-------	12	7,824	5.0	388
Sire, 248498; dam, 553923.	Difference---	(4-4-5)	+950	+.3	+75
Herd Owner, Barney Arvesen, Barnum.					
TWIN BIRCH VALOR 305171----------	5 daughters--	5	9,222	4.8	438
Born, 4-8-41; proved, 7-28-49; dead; N. Y.	5 dams-------	17	8,523	4.9	419
Sire, 252546; dam, 395110.	Difference---	(3-3-3)	+699	-.1	+19
Herd Owner, Stanley Baker, Lyndonville.					
VALLEY PRIDE'S FERDINAND 269661----------	12 daughters-	23	8,770	4.7	415
Born, 12-27-38; proved, 7-7-49; dead; Wash.	5 daughters--	13	8,441	4.8	403
Sire, 219551; dam, 498536.	5 dams-------	19	9,439	4.7	448
Used in Northwest Co-op. A. B. A.	Difference---	(1-3-1)	-998	+.1	-45
WARDEN OF WILDWOOD 332121----------	5 daughters--	5	8,551	4.8	410
Born, 2-28-43; proved, 7-28-49;----; Vt.	5 dams-------	22	7,612	5.0	383
Sire, 266063; dam, 531700.	Difference---	(4-3-4)	+939	-.2	+27
Herd Owner, Meadow View Farm, Newfane.					
WATKINS REX AMBASSADOR 336912----------	6 daughters--	7	7,000	5.0	349
Born, 12-19-42; proved, 7-29-49;----; Minn.	6 dams-------	19	6,997	5.1	357
Sire, 303413; dam, 682507.	Difference---	(4-3-4)	+3	-.1	-8
Herd Owner, D. W. Mendenhall, Maple Plain.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WEY ACRES LILIAN'S GRANDEE 204245----------	6 daughters--	7	10,524	4.7	493
Born, 6-14-40; proved, 7-14-49;----; Wis.	5 daughters--	6	10,087	4.8	484
Sire, 227277; dam, 335549.	5 dams-------	20	8,162	4.9	397
Herd Owner, Herbert Clausing, Grafton.	Difference---	(4-3-4)	+1,925	-.1	+87

HOLSTEIN SIRES

ABEGWEIT SPOTLIGHT 743114 *12----------	37 daughters-	66	11,166	3.4	379
Born, 4-8-36; proved, 7-14-49; dead; W. Va.	27 daughters-	50	11,371	3.4	386
Sire, 743113; dam, 182607 CHB.	27 dams------	65	11,915	3.3	393
Herd Owner, Morning Side Farm, Ronceverte.	Difference---	(12-20-13)	-544	+.1	-7
ACME SEGIS BIRDIE 846789----------	5 daughters--	7	11,371	3.5	394
Born, 3-23-42; proved, 7-26-49; dead; N. Y.	5 dams-------	18	13,639	3.6	489
Sire, 121535 CHB; dam, 2304968.	Difference---	(0-2-0)	-2,268	-.1	-95
Herd Owner, Glenn F. Spencer, Forestville.					
ADEQUATE PONTIAC COLANTHA POSCH 817796----------	9 daughters--	14	9,479	3.6	346
Born, 12-16-40; proved, 7-19-49;----; Pa.	6 daughters--	8	9,752	3.7	359
Sire, 721802; dam, 1657115.	6 dams-------	19	11,397	3.4	392
Herd Owner, Children's Home of Easton, Easton.	Difference---	(1-5-3)	-1,645	+.3	-33
ALBUS FARM BESSIE WAR KORNDYKE 810013 *12----------	9 daughters--	23	11,139	3.6	403
Born, 8-30-40; proved, 7-19-49; dead; Pa.	9 dams-------	24	9,980	3.5	346
Sire, 727548; dam, 1788086.	Difference---	(6-8-6)	+1,159	+.1	+57
Herd Owner, Herbert F. Hunter, Falls.					
ARNOLMONT A M STAR POSCH 832095----------	16 daughters-	29	10,507	3.3	343
Born, 8-28-41; proved, 7-19-49; dead; Pa.	12 daughters-	21	10,670	3.2	339
Sire, 702266; dam, 1579646.	12 dams------	27	10,083	3.3	328
Herd Owner, James W. Ball & Son, Montrose.	Difference---	(8-6-8)	+587	-.1	+11
ARTIS PONTIAC JERRY 855298----------	10 daughters-	12	11,248	3.7	413
Born, 9-2-41; proved, 7-19-49; dead; N. Y.	7 daughters--	8	10,871	3.8	414
Sire, 742815; dam, 1985284.	7 dams-------	8	7,831	3.7	292
Herd Owner, Ralph Hamm, Richmondville.	Difference---	(7-5-7)	+3,040	+.1	+122
BALLARD FARM SPENCER 857907----------	5 daughters--	6	11,512	3.5	403
Born, 3-16-42; proved, 7-5-49;----; Pa.	5 dams-------	29	11,001	3.6	394
Sire, 783750; dam, 2017763.	Difference---	(4-2-3)	+511	-.1	+9
Herd Owner, Clarence Spencer, Canton.					
BEU-LES PRINCE ORMSBY 849411----------	10 daughters-	12	9,689	3.4	331
Born, 3-10-41; proved, 7-14-49;----; N. Y.	7 daughters--	9	9,999	3.5	347
Sire, 748807; dam, 1851132.	7 dams-------	12	11,242	3.6	402
Herd Owner, Lewis S. Bell, Interlaken.	Difference---	(3-4-3)	-1,243	-.1	-55
BOUCKDALE KERK BEAUTY COMRADE 872388----------	6 daughters--	8	10,916	3.7	399
Born, 1-4-43; proved, 7-15-49; dead; N. Y.	6 dams-------	20	13,258	3.4	450
Sire, 689660; dam, 1934912.	Difference---	(1-5-1)	-2,342	+.3	-51
Herd Owner, Shepherd Brothers, Weedsport.					
BROOKHARDT ORMSBY INKA DE KOL 846711----------	7 daughters--	11	9,028	3.7	337
Born, 12-27-41; proved, 7-26-49;----; Wis.	5 daughters--	8	8,375	3.7	306
Sire, 741513; dam, 1760391.	5 dams-------	11	10,065	3.7	368
Herd Owner, Fred Sampe, Manitowoc.	Difference---	(0-2-1)	-1,690	.0	-62
CALLAWAY ORMSBY EDUCATOR WINNER 855525----------	10 daughters-	10	10,300	3.3	341
Born, 11-16-41; proved, 7-13-49;----; Mo.	7 daughters--	7	10,537	3.3	345
Sire, 653853; dam, 1753914.	7 dams-------	20	12,160	3.4	412
Herd Owner, State Hospital #1, Fulton.	Difference---	(2-3-0)	-1,623	-.1	-67
CARNATION IMPERIAL DOUGLAS 837641----------	12 daughters-	14	15,614	3.5	552
Born, 10-3-41; proved, 7-7-49; alive; Iowa.	7 daughters--	9	14,699	3.6	536
Sire, 698462; dam, 1854367.	7 dams-------	8	13,523	3.6	486
Herd Owner, George B. Jensen, Exira.	Difference---	(6-5-6)	+1,176	.0	+50
CARNATION IMPERIAL INKA MADCAP 857470 *13----------	9 daughters--	11	12,953	3.7	482
Born, 5-29-42; proved, 7-29-49;----; Minn.	9 dams-------	30	12,376	3.7	458
Sire, 698462; dam, 2068792.	Difference---	(6-6-5)	+577	.0	+24
Herd Owner, Shellum & Susine, St. James.					
CARNATION TYPESETTER 826025----------	5 daughters--	5	10,704	3.5	378
Born, 3-9-41; proved, 7-20-49;----; Wis.	5 dams-------	14	12,055	3.5	421
Sire, 629472; dam, 1863023.	Difference---	(3-4-3)	-1,351	.0	-43
Herd Owner, John D. Wuethrich, Sr., Greenwood.					
CARNATION WAR BOND 849711----------	11 daughters-	12	13,449	3.4	455
Born, 3-29-42; proved, 7-5-49;----; Wis.	10 daughters-	11	13,689	3.4	464
Sire, 629472; dam, 1840639.	10 dams------	26	11,479	3.4	390
Herd Owner, Trempealeau County Asylum, Whitehall.	Difference---	(8-4-8)	+2,210	.0	+74

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CHESTERSONS NINK FASHION 839012----------	7 daughters--	10	11,172	3.5	394
Born, 4-8-41; proved, 7-5-49;----; Iowa.	7 dams-------	32	11,956	3.5	419
Sire, 716452; dam, 1904983.	Difference---	(2-4-4)	-784	.0	-25
Herd Owner, Hilbert Bierstedt, Whittemore.					
CHIEFTAIN RAG APPLE BESS 841789----------	9 daughters--	11	10,672	3.9	420
Born, 11-18-41; proved, 7-8-49;----; Wis.	6 daughters--	8	10,104	3.9	390
Sire, 714897; dam, 2249032.	6 dams-------	10	9,794	3.6	356
Herd Owner, Evar Hillestad & M. Traiser, New Richmond.	Difference---	(4-4-5)	+310	+.3	+34
CHURCH DUOBESS DEAN ORMSBY 873522----------	7 daughters--	7	11,693	3.5	411
Born, 9-10-42; proved, 7-28-49; dead; N. Y.	6 daughters--	6	11,553	3.5	400
Sire, 709439; dam, 2085751.	6 dams-------	15	12,482	3.5	439
Herd Owner, R. H. Perkins & R. F. Barnett, Memphis.	Difference---	(1-3-2)	-929	.0	-39
CLANYARD BLACKHAWK CHIEFTAIN 887016----------	5 daughters--	5	13,004	3.6	466
Born, 5-11-43; proved, 7-14-49;----; Ill.	5 dams-------	26	12,869	3.5	455
Sire, 792389; dam, 2256736.	Difference---	(2-4-2)	+135	+.1	+11
Used in Southern Illinois A. B. A.					
COLONY VROUKA SIR HENGERVELD 13TH 832249----------	12 daughters-	13	11,988	3.3	398
Born, 3-18-41; proved, 7-18-49;----; Wis.	7 daughters--	8	12,507	3.4	420
Sire, 120719 CHB; dam, 353733 CHB.	7 dams-------	26	9,960	3.7	373
Used in University of Wisconsin (A. B. A.).	Difference---	(6-1-6)	+2,547	-.3	+47
COUNTRY LANE TRITOMIA CREAMELLE 846066----------	9 daughters--	11	9,775	3.5	345
Born, 11-6-41; proved, 7-13-49;----; Wis.	6 daughters--	7	10,495	3.5	367
Sire, 775783; dam, 1926662.	6 dams-------	11	10,280	3.3	337
Herd Owner, Ray Lawton & Son, Viola.	Difference---	(3-5-5)	+215	+.2	+30
DAMA CARNATION PRIZE BARON (TWIN) 875416----------	7 daughters--	7	13,662	3.6	496
Born, 6-30-42; proved, 7-28-49;----; Mich.	5 daughters--	5	13,850	3.6	499
Sire, 802223; dam, 1923638.	5 dams-------	8	14,431	3.6	520
Herd Owner, Dama Farm, Howell.	Difference---	(2-3-2)	-581	.0	-21
DELLINGER COLANTHA GOVERNOR 850425----------	7 daughters--	7	12,880	3.7	476
Born, 9-7-41; proved, 7-7-49; alive; Ky.	6 daughters--	6	13,147	3.7	484
Sire, 720006; dam, 1911384.	6 dams-------	10	11,872	3.6	423
Herd Owner, Belknap & Coffman, Goshen.	Difference---	(4-4-4)	+1,275	+.1	+61
DUNLOGGIN MASTER FOBES 700108----------	29 daughters-	72	11,609	3.4	400
Born, 10-16-34; proved, 7-6-49; dead; Pa.	27 daughters-	67	11,566	3.5	399
Sire, 667915; dam, 1204769.	27 dams------	82	10,969	3.6	398
Herd Owner, Comes Dairy, Smethport.	Difference---	(17-8-14)	+597	-.1	+1
DUNLOGGIN ORMSBY PRINCE 3D 837023----------	6 daughters--	6	12,105	3.3	403
Born, 11-19-41; proved, 7-8-49;----; Ill.	5 daughters--	5	11,872	3.3	394
Sire, 787143; dam, 1981798.	5 dams-------	9	12,314	3.7	460
Herd Owner, Loren Hoge, Harmon.	Difference---	(2-1-0)	-442	-.4	-66
ELCO ORMSBY GOVERNOR 855803----------	6 daughters--	7	14,151	3.7	526
Born, 7-26-42; proved, 7-13-49;----; Mich.	6 dams-------	15	13,235	3.5	463
Sire, 787696; dam, 2079952.	Difference---	(3-4-3)	+916	+.2	+63
Herd Owner, Joe Bills, Mio.					
ELSAN KING PIEBE 838517----------	8 daughters--	10	9,775	3.6	351
Born, 12-28-40; proved, 7-11-49;----; Iowa.	8 dams-------	39	9,966	3.5	344
Sire, 785100; dam, 1983781.	Difference---	(4-7-4)	-191	+.1	+7
Herd Owner, Leland Reiss, Center Point.					
ESLIE CANARY SILAS 832906----------	6 daughters--	9	12,072	3.8	455
Born, 10-1-41; proved, 7-8-49;----; Wis.	5 daughters--	7	12,130	3.8	458
Sire, 765379; dam, 1815206.	5 dams-------	17	10,965	3.8	418
Herd Owner, William H. Warner, Bristol.	Difference---	(3-3-3)	+1,165	.0	+40
FANYAN PRICELESS BLEND 813922----------	12 daughters-	13	11,753	3.5	406
Born, 9-8-40; proved, 7-26-49;----; N. Y.	6 daughters--	7	11,434	3.5	398
Sire, 722643; dam, 1416256.	6 dams-------	9	11,969	3.4	405
Herd Owner, Bruce A. Scudder, Fleischmanns.	Difference---	(1-3-2)	-535	+.1	-7
FOBES KORNDYKE DOUGLAS 874678----------	7 daughters--	12	11,029	3.6	394
Born, 11-30-42; proved, 7-15-49;----; Ill.	5 daughters--	8	10,706	3.5	377
Sire, 754053; dam, 1937106.	5 dams-------	10	12,085	3.3	401
Herd Owner, Alfred Fiene, Davis.	Difference---	(1-4-1)	-1,379	+.2	-24
GEM SIR BLACKIE BOY 817092----------	9 daughters--	10	12,082	3.6	439
Born, 12-26-40; proved, 7-29-49; alive; Nebr.	6 daughters--	6	12,264	3.7	454
Sire, 772753; dam, 1676432.	6 dams-------	9	10,830	3.6	385
Herd Owner, Bletscher Dairy, Falls City.	Difference---	(4-2-4)	+1,434	+.1	+69
GENODALE DICTATOR GOVERNOR 848615----------	6 daughters--	8	11,769	3.3	394
Born, 12-22-41; proved, 7-13-49;----; N. Y.	6 dams-------	9	12,866	3.4	437
Sire, 802697; dam, 2115376.	Difference---	(2-4-2)	-1,097	-.1	-43
Herd Owner, C. H. Murray, Ithaca.					

HOLSTEIN SIRES	[illegible]	averaged [illegible]	[illegible]	Test [illegible]	
	[illegible]	Number	[illegible]	Percent	Pounds
GILKEY FARMS KAREN KING 874[illegible]10----------	7 daughters--	8	[illegible]	3.5	[illegible]
Born, 10-[illegible]; proved, [illegible]-[illegible]-49;----; Iowa.	[illegible] dams--------	[illegible]	11,880	3.4	407
Sire, [illegible]; dam, 1927[illegible].	Difference---	(3-4-2)	-435	+.1	-4
Herd Owner, Martin Jacobsen, Emmetsburg.					
GILKEY FARMS PRIDE DICTATOR [illegible]----------	29 daughters-	[illegible]	13,645	3.4	468
Born, 1-16-38; proved, 7-1-49; dead; Kans.	[illegible] dams--------	133	12,419	3.5	[illegible]
Sire, 711320; dam, 1887768.	Difference---	(22-15-22)	+1,226	-.1	[illegible]
Herd Owner, Mrs. H. D. Burger & Son, Seneca.					
GREENWOOD DEAN JEWELER 866142----------	7 daughters--	8	12,389	3.8	467
Born, 8-8-42; proved, 7-25-49; dead; N. Y.	7 dams-------	18	12,640	3.7	469
Sire, 769435; dam, 1961053.	Difference---	(4-4-4)	-251	+.1	-2
Used in New York Co-op. A. B. A., Inc.					
HAMER PIETERTJE POSCH LAD 835403 *13----------	11 daughters-	19	13,049	3.4	449
Born, 10-19-41; proved, 7-6-49; alive; Iowa.	10 daughters-	17	13,166	3.4	444
Sire, 749574; dam, 2084320.	10 dams------	35	11,222	3.5	397
Used in North Texas A. B. A., Tex.	Difference---	(7-4-6)	+1,944	-.1	+47
HERSHEY ORMSBY KORNDYKE AVON 852020----------	8 daughters--	10	11,148	3.5	393
Born, 5-26-42; proved, 7-13-49; dead; Pa.	7 daughters--	9	11,239	3.5	397
Sire, 688265; dam, 2039281.	7 dams-------	44	11,004	3.4	374
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(5-7-5)	+235	+.1	+23
HIGHPATH GIRARD AD MYRA 835284----------	13 daughters-	13	12,073	3.4	408
Born, 7-31-41; proved, 7-14-49; alive; Minn.	6 daughters--	6	12,202	3.4	409
Sire, 743686; dam, 1894946.	6 dams-------	12	12,018	3.7	449
Used in Roseau Co. Creameries (A. B. A.).	Difference---	(3-2-1)	+184	-.3	-40
HILLTOP HAVER SIR ORMSBY BESS (TWIN) 814628----------	9 daughters--	17	10,421	3.5	362
Born, 6-7-40; proved, 7-29-49;----; Ill.	5 daughters--	10	9,379	3.6	338
Sire, 663496; dam, 1367835.	5 dams-------	16	11,868	3.2	380
Herd Owner, Fisk & Kocher, Sycamore.	Difference---	(1-5-2)	-2,489	+.4	-42
HILLVIEW CASCADE BUTTER BOY 834206----------	9 daughters--	9	11,041	3.6	398
Born, 5-31-41; proved, 7-8-49; dead; N. Y.	9 dams-------	13	12,277	3.7	449
Sire, 758216; dam, 1924054.	Difference---	(4-4-3)	-1,236	-.1	-51
Herd Owner, Clifford L. Schenck & Son, Greenwood.					
HILLVIEW COLANTHA POSCH BOY 876490----------	5 daughters--	6	12,542	3.7	459
Born, 9-11-42; dam, 7-20-49;----; N. Y.	5 dams-------	19	13,778	3.7	511
Sire, 819908; dam, 1958383.	Difference---	(2-2-2)	-1,236	.0	-52
Herd Owner, Robert E. Spicer, Andover.					
HORSEPEN ORMSBY GOVERNOR 849396----------	7 daughters--	7	9,717	3.9	378
Born, 1-5-42; proved, 7-15-49; dead; Va.	5 daughters--	5	9,697	3.7	360
Sire, 801504; dam, 1927555.	5 dams-------	16	10,396	3.4	350
Herd Owner, Crippen & Riely, Herndon.	Difference---	(2-5-3)	-699	+.3	+10
I B C DICTATOR ONO DEAN 874585----------	5 daughters--	6	10,495	3.5	365
Born, 1-14-43; proved, 7-20-49;----; Iowa.	5 dams-------	17	13,597	3.4	468
Sire, 794827; dam, 1802247.	Difference---	(1-3-1)	-3,102	+.1	-103
Herd Owner, Hospital for Epileptics & School for Feeble-Minded, Woodward.					
IDAHO RUDOLF DEAN 843656----------	9 daughters--	13	15,954	3.2	513
Born, 6-16-41; proved, 7-5-49; dead; Idaho.	6 daughters--	8	15,223	3.4	511
Sire, 787754; dam, 1867908.	6 dams-------	12	12,919	3.4	445
Herd Owner, Snorre Eriksen, Twin Falls.	Difference---	(4-3-6)	+2,304	.0	+66
JERRY HARTOG JANNEK 844953----------	10 daughters-	10	10,545	3.6	379
Born, 5-5-41; proved, 7-5-49; dead; Pa.	7 daughters--	7	10,510	3.6	378
Sire, 658893; dam, 1744429.	7 dams-------	24	12,999	3.5	451
Herd Owner, Robert Groff, Strasburg.	Difference---	(0-5-0)	-2,489	+.1	-73
KALAMAZOO FOBES PARTHENEA PLUS 845128----------	12 daughters-	16	12,838	3.4	439
Born, 2-14-42; proved, 7-14-49;----; Mich.	7 daughters--	9	12,188	3.4	417
Sire, 708580; dam, 1906542.	7 dams-------	13	10,796	3.4	370
Herd Owner, A. M. Johnson & Sons, Battle Creek.	Difference---	(5-4-5)	+1,392	.0	+47
KALAMAZOO POSCH AAGGIE TOBSBOY 845125----------	8 daughters--	9	11,553	3.5	407
Born, 2-3-42; proved, 7-28-49;----; Mich.	8 dams-------	22	13,187	3.2	419
Sire, 781208; dam, 1857824.	Difference---	(2-8-5)	-1,634	+.3	-12
Herd Owner, Lawrence Spencer, Lawton.					
KANOWA MINERVA POSCH ORMSBY 816269----------	8 daughters--	11	12,220	3.5	432
Born, 3-4-40; proved, 7-26-49;----; Mo.	5 daughters--	8	12,225	3.5	433
Sire, 619004; dam, 1684431.	5 dams-------	21	11,118	3.6	403
Used in Mid-West A. B. A.	Difference---	(4-2-4)	+1,107	-.1	+30
KANOWA SIR BESSIE MAN-O-WAR 826653----------	7 daughters--	7	13,742	3.8	523
Born, 1-2-41; proved, 7-14-49; alive; Calif.	6 daughters--	6	13,008	3.9	502
Sire, 717045; dam, 1699391.	6 dams-------	17	13,246	3.5	468
Herd Owner, Joaquin Cabral, Crows Landing.	Difference---	(2-5-4)	-238	+.4	+34

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KARIOLE EMPEROR BEAUTY 827108----------	15 daughters-	17	11,730	3.5	414
Born, 5-7-41; proved, 7-19-49;----; Wis.	5 daughters--	6	10,280	3.7	380
Sire, 746226; dam, 1104781.	5 dams-------	11	11,455	3.4	391
Herd Owner, Oscar H. Holte, Stoughton.	Difference---	(3-3-2)	-1,175	+.3	-11
KENTWORTH ORMSBY FOBES CHIEF 834256----------	8 daughters--	9	11,442	3.2	371
Born, 2-3-41; proved, 7-8-49;----; Mich.	7 daughters--	8	11,564	3.3	378
Sire, 738767; dam, 1943291.	7 dams-------	11	12,092	3.2	387
Herd Owner, Weller H. Taylor, McBain.	Difference---	(2-6-2)	-528	+.1	-9
KINDILK COLONY KING 846979----------	5 daughters--	8	15,058	3.7	551
Born, 11-4-41; proved, 7-7-49;----; Ind.	5 dams-------	17	15,235	3.3	504
Sire, 765379; dam, 1779294.	Difference---	(2-5-4)	-177	+.4	+47
Herd Owner, Harold Melcher, Monroeville.					
KING BESSIE ORMSBY SEGIS INKA 829768----------	9 daughters--	11	12,917	3.5	449
Born, 9-9-40; proved, 7-6-49;----; Minn.	7 daughters--	9	13,326	3.5	473
Sire, 570499; dam, 1279517.	7 dams-------	10	13,712	3.7	509
Herd Owner, A. L. Dahlien, Minneapolis.	Difference---	(6-4-3)	-386	-.2	-36
KING BESSIE PIETERTJE OF WIGHT FARM 830578----------	7 daughters--	7	8,923	3.8	336
Born, 4-18-40; proved, 7-28-49;----; Pa.	5 daughters--	5	8,763	3.6	318
Sire, 662999; dam, 1777091.	5 dams-------	8	10,569	3.5	373
Herd Owner, Howard Sands & Son, Tunkhannock.	Difference---	(1-4-1)	-1,806	+.1	-55
KING BESSIE SUPREME ALEXINA 835226----------	11 daughters-	15	9,686	3.4	334
Born, 1-30-41; proved, 7-8-49;----; Wis.	5 daughters--	5	10,155	3.4	344
Sire, 763858; dam, 1995229.	5 dams-------	17	11,377	3.6	406
Herd Owner, Glyndon Soehner, Adell.	Difference---	(1-2-0)	-1,222	-.2	-62
KING LADOGA CREAMELLE ECHO 743432----------	11 daughters-	41	10,595	3.7	395
Born, 8-17-36; proved, 7-26-49; dead; N. Y.	11 dams------	79	11,752	3.6	421
Sire, 524604; dam, 1163701.	Difference---	(3-9-3)	-1,157	+.1	-26
Herd Owner, Lawrence Jewett, Evans Mills.					
KING NEWMONT ORMSBY SEGIS 846832---------- ---	8 daughters--	12	10,832	3.4	369
Born, 10-18-40; proved, 7-20-49; dead; N. Y.	5 daughters--	7	11,365	3.3	377
Sire, 579109; dam, 2002026.	5 dams-------	16	11,730	3.3	389
Herd Owner, O. H. Johnson & Sons, Ticonderoga.	Difference---	(2-4-2)	-365	.0	-12
KNIGHT POSCH SEGIS 836985----------	6 daughters--	10	12,800	3.8	489
Born, 12-29-41; proved, 7-8-49;----; N. Y.	6 dams---- --	42	14,761	3.5	511
Sire, 783448; dam, 1989145.	Difference---	(1-5-2)	-1,961	+.3	-22
Herd Owner, Seward H. Babcock, Madison.					
KOBA KORNDYKE 832552----------	5 daughters--	8	13,764	3.3	460
Born, 1-24-41; proved, 7-7-49;----; Wis.	5 dams-------	20	12,683	3.4	429
Sire, 778235; dam, 1534252.	Difference---	(3-2-4)	+1,081	-.1	+31
Herd Owner, Karl Schumann, Mazomanie.					
LINDSAYS FORSYTH HOUWTJE KING 860428----------	10 daughters-	10	10,024	3.4	341
Born, 6-10-42; proved, 7-21-49; alive; N. C.	7 daughters--	7	9,978	3.3	330
Sire, 756151; dam, 2043518.	7 dams-------	7	9,964	3.0	300
Herd Owner, Forsyth County Farm, Winston-Salem.	Difference---	(2-6-3)	+14	+.3	+30
MAJOR LIN RAG APPLE 843276----------	6 daughters--	7	11,622	3.5	411
Born, 5-27-41; proved, 7-5-49; dead; Ohio.	5 daughters--	5	12,191	3.5	426
Sire, 787642; dam, 1742982.	5 dams-------	9	9,791	3.4	335
Herd Owner, Schreiber Farm, West Salem.	Difference---	(5-3-5)	+2,400	+.1	+91
MAYTAG FOBES CHIEF 843133----------	7 daughters--	11	11,518	3.9	450
Born, 11-8-41; proved, 7-11-49;----; Iowa.	7 dams-------	28	10,709	3.4	366
Sire, 794823; dam, 2064265.	Difference---	(5-7-7)	+809	+.5	+84
Herd Owner, Arthur E. Clampitt & Son, New Providence.					
MOONLIT PET INKA MAY 814584----------	14 daughters-	25	10,558	3.4	358
Born, 11-26-40; proved, 7-29-49;----; Wis.	6 daughters--	11	10,330	3.5	357
Sire, 651591; dam, 1958335.	6 dams-------	15	9,821	3.5	341
Herd Owner, Walter Rippchen, Richland Center.	Difference---	(2-4-2)	+509	.0	+16
MT PLEASANT ALCARTRA DICTATOR 823698----------	11 daughters-	13	12,010	3.5	421
Born, 3-14-41; proved, 7-19-49; dead; Iowa.	9 daughters--	11	11,362	3.5	393
Sire, 740292; dam, 1778601.	9 dams-------	24	12,516	3.5	437
Herd Owner, Mt. Pleasant State Hospital, Mt. Pleasant.	Difference---	(3-4-4)	-1,154	.0	-44
NEMAHA DICTATOR ORMSBY BEETS 818402----------	5 daughters--	6	10,776	3.6	384
Born, 9-13-40; proved, 7-26-49; dead; Nebr.	5 dams-------	9	12,490	3.2	404
Sire, 751517; dam, 1834274.	Difference---	(1-5-3)	-1,714	+.4	-20
Herd Owner, Albert H. Ernst, Falls City.					
NEWMONT PEARL LAD 839884----------	9 daughters--	10	10,863	3.5	382
Born, 10-14-41; proved, 7-11-49;----; Conn.	5 daughters--	5	11,216	3.6	402
Sire, 800948; dam, 2029579.	5 dams-------	9	11,481	3.3	377
Herd Owner, Loomis Institute, Windsor.	Difference---	(2-5-4)	-265	+.3	+25

HOLSTEIN SIRES	Animals	[illegible] averaged	Milk	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
NUNUNDAH DUKLOGGIN FORBES [illegible]	12 daughters-	[illegible]	[illegible]	[illegible]	412
Born, [illegible]; proved, [illegible]; Dead; Pa.	11 daughters-	21	10,836	[illegible]	415
Sire, [illegible]; dam, [illegible].	11 dams------	39	11,674	3.7	[illegible]
Herd Owner, [illegible] Dairy, [illegible].	[illegible]	(4-8-6)	-838	+.1	-12
ORMSBY IDEAL [illegible]	7 daughters--	11	13,736	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]; N. Y.	6 daughters--	9	13,954	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	[illegible]	17	12,867	[illegible]	[illegible]
Herd Owner, [illegible] E. Bitemen, [illegible].	Difference---	(5-2-3)	+1,087	-.2	+12
OSBORNDALE SIR EMBALM ORMSBY [illegible]	[illegible]	5	10,581	3.5	[illegible]
Born, [illegible]; proved, [illegible]; N. Y.	[illegible]	10	[illegible]	3.3	[illegible]
Sire, 676023; dam, 1678913.	Difference---	(3-4-4)	+583	+.2	[illegible]
Herd Owner, [illegible] L. Shapley, Guilford.					
PABST BARBETTA [illegible] CASCADE BELMONT [illegible]	8 daughters--	10	12,185	3.8	461
Born, [illegible]; proved, 7-7-49;----; Ill.	5 daughters--	[illegible]	12,813	3.8	[illegible]
Sire, 761980; dam, 1772228.	5 dams-------	8	12,388	[illegible]	438
Used in Shelby Co. A. B. A.	Difference---	(3-5-3)	+425	+.3	[illegible]
PABST BARCADER EYEBRIGHT 815388----------	5 daughters--	[illegible]	11,699	3.6	416
Born, 11-[illegible]-40; proved, 7-[illegible]-49;----; Wis.	[illegible]	13	12,821	[illegible]	476
Sire, 761980; dam, 1573691.	Difference---	(2-1-2)	-1,122	-.1	-60
Herd Owner, Strantz Brothers, Brodhead.					
PRINCE CREAMELLE INKA DE KOL [illegible]----------	7 daughters--	7	[illegible]	3.5	390
Born, 2-[illegible]; proved, 7-1-[illegible];----; Wash.	6 daughters--	6	11,017	[illegible]	375
Sire, 737511; dam, 1960772.	6 dams-------	9	[illegible]	3.4	[illegible]
Herd Owner, Ridgeport Dairy, Vancouver.	Difference---	(4-3-3)	[illegible]	.0	-23
RAVENGLEN SENATOR CONCENTRATE 837070----------	8 daughters--	11	15,208	[illegible]	[illegible]
Born, 11-2-41; proved, 7-11-49;----; Iowa.	6 daughters--	7	[illegible]	3.5	[illegible]
Sire, 741205; dam, 1972415.	6 dams-------	25	[illegible]	3.8	522
Herd Owner, Herb Bothe & Son, Fort Dodge.	Difference---	(6-1-5)	+1,926	-.3	+25
RAVENGLEN SENATOR MONTVIC 858111----------	17 daughters-	23	10,262	3.5	[illegible]
Born, 10-12-42; proved, 7-14-49; dead; Va.	12 daughters-	18	9,888	[illegible]	344
Sire, 741205; dam, 2020062.	12 dams------	36	10,840	3.4	373
Herd Owner, William S. Barksdale, Randolph.	Difference---	(5-7-4)	-952	+.1	[illegible]
REFORMATORY INKA DE KOL ORMSBY 825512----------	7 daughters--	10	12,250	3.6	[illegible]
Born, 1-20-41; proved, 7-26-49;----; Mich.	6 daughters--	8	12,242	3.6	[illegible]
Sire, 629478; dam, 1825895.	6 dams-------	11	12,891	[illegible]	[illegible]
Herd Owner, Everett McKenney, Croswell.	Difference---	(3-4-3)	-649	+.3	+7
RINGMASTER SEGIS 34TH 814896----------	10 daughters-	15	11,779	3.6	424
Born, 10-5-40; proved, 7-29-49;----; Minn.	5 daughters--	8	12,820	3.6	461
Sire, 745237; dam, 1980796.	5 dams-------	10	11,227	3.1	[illegible]
Herd Owner, John Edwin Clifford, Northfield.	Difference---	(4-5-4)	+1,593	+.5	+118
RIVERSIDE SPOFFORD MATADOR 824757----------	7 daughters--	12	9,556	3.2	310
Born, 12-22-40; proved, 7-15-49;----; Wis.	6 daughters--	11	9,077	3.3	303
Sire, 781686; dam, 1223435.	6 dams-- ----	20	9,597	3.3	[illegible]
Herd Owner, Ellis Hohn, Cashton.	Difference---	(2-4-3)	-520	.0	-16
SIR CREATOR INKA OLLIE 776883 *11----------	28 daughters-	46	12,444	3.4	421
Born, 2-19-39; proved, 7-1-49; dead; Pa.	21 daughters-	39	12,750	3.4	431
Sire, 671582; dam, 1730451.	21 dams------	86	13,535	3.4	459
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(5-14-8)	-785	.0	-28
SIR DOUG BURKE PIEBE COLAN GERB STAR (TWIN) 846621---------	6 daughters--	6	11,597	3.4	395
Born, 10-12-41; proved, 7-5-49; dead; N. Y.	5 daughters--	5	11,579	3.4	390
Sire, 660575; dam, 1971683.	5 dams-------	15	11,937	3.5	419
Herd Owner, Lester D. Rees, Fillmore.	Difference---	(2-2-1)	-358	-.1	-29
SIR DOUGLAS BURKE GERB COLAN BARB 820750----------	8 daughters--	22	11,348	3.6	412
Born, 11-17-40; proved, 7-5-49;----; Pa.	7 daughters--	20	11,252	3.6	409
Sire, 660575; dam, 1756207.	7 dams-------	35	13,142	3.5	463
Herd Owner, Milmay Farm, Loysville.	Difference---	(1-6-1)	-1,883	+.1	[illegible]
SIR EMPEROR DESIGN 815171----------	8 daughters--	12	13,214	3.5	467
Born, 1-11-41; proved, 7-20-49;----; N. Y.	7 daughters--	10	13,838	3.6	491
Sire, 738106; dam, 1671800.	7 dams-------	14	12,050	3.4	413
Herd Owner, Henry Beacom, Carmel.	Difference---	(6-6-6)	+1,788	+.2	+78
SIR HARTOG SEGIS KORNDYKE 837342----------	5 daughters--	5	12,961	[illegible]	466
Born, 8-16-41; proved, 7-19-49; dead; Pa.	5 dams-------	20	12,304	3.4	420
Sire, 733976; dam, 2085262.	Difference---	(3-3-3)	+657	+.2	+46
Herd Owner, Leigh Smith, Torpedo.					
SIR ORMSBY FOBES DICTATOR 40TH 822713----------	8 daughters--	8	10,760	3.5	373
Born, 1-22-41; proved, 7-26-49;----; Wis.	7 daughters--	7	10,663	3.5	[illegible]
Sire, 662443; dam, 1470606.	7 dams-------	16	12,635	3.5	445
Herd Owner, J. J. Rosenow, Cochrane.	Difference---	(3-2-3)	-1,972	.0	-76

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR PIETERTJE FOBES KORAFYKE INKA 829259----------	9 daughters--	16	10,945	3.4	372
Born, 11-2-40; proved, 7-28-49;----; Minn.	5 daughters--	11	[illegible]	3.4	368
Sire, 739056; dam, 1973179.	5 dams-------	19	[illegible]	3.4	318
Herd Owner, Gilmen Haven, Zumbrota.	Difference---	(3-4-3)	[illegible]	.0	+50
[illegible] KING DUTHESS LYONS [illegible]----------	8 daughters--	12	12,826	3.3	422
Born, [illegible]; proved, 7-29-49;----; [illegible]	5 daughters--	7	[illegible]	3.4	396
Sire, [illegible]; dam, [illegible].	5 dams-------	15	12,890	3.7	476
Herd Owner, [illegible] William Randel, Kalamazoo.	Difference---	(2-1-0)	-1,089	-.3	-80
[illegible] PRINCE [illegible]----------	[illegible] daughters--	[illegible]	[illegible]	3.4	427
Born, [illegible]; proved, [illegible]; Wis.	[illegible] daughters--	[illegible]	[illegible]	3.5	435
Sire, 118965 CHB; dam, 363756 CHB.	[illegible] dams-------	48	[illegible]	3.3	362
Herd Owner, Piper Farms, Waterman.	Difference---	(14-13-14)	+1,486	+.2	+73
SUMMIT CREST PRINCE MODEST 826618----------	7 daughters--	8	10,683	3.6	388
Born, 6-14-41; proved, 7-11-49;----; N. J.	5 daughters--	5	10,404	3.6	376
Sire, 705291; dam, 1788277.	5 dams-------	12	[illegible]	3.5	391
Herd Owner, Albert C. Townsend, Paris Station.	Difference---	(1-5-3)	-902	+.1	-15
THE MEADOWS PATRIARCH IOWANA [illegible]----------	8 daughters--	10	11,545	3.7	428
Born, 12-27-41; proved, 7-29-49;----; Iowa.	6 daughters--	8	[illegible]	3.8	429
Sire, 730302; dam, 1802247.	6 dams-------	23	14,304	3.7	524
Herd Owner, J. E. Elliott & Son, Woodward.	Difference---	(1-5-1)	-2,912	+.1	-95
TIDY FOBES OF HOWARD HOME 822766----------	5 daughters--	5	[illegible]	3.7	365
Born, 4-16-41; proved, 7-11-49;----; Wis.	5 dams-------	19	18,159	3.6	433
Sire, 771553; dam, 1855754.	Difference---	(1-4-1)	-2,312	+.1	-68
Herd Owner, Howard Home Farm, Whitewater.					
TOBEY HILL JULTRIX CLOTHILDE HERO 826341----------	9 daughters--	9	10,423	3.6	379
Born, 1-19-41; proved, 7-19-49; dead; Mass.	6 daughters--	6	9,940	3.8	375
Sire, 741031; dam, 1989981.	6 dams-------	6	11,881	3.5	413
Herd Owner, Albert M. Chapin, Sheffield.	Difference---	(2-4-2)	-1,941	+.3	-38
TRANQUILLITY SENSATION JOHANNA 842649----------	6 daughters--	9	12,579	3.5	445
Born, 9-16-41; proved, 7-29-49;----; N. J.	5 daughters--	8	13,362	3.5	467
Sire, 675839; dam, 1887670.	5 dams-------	14	12,059	3.5	420
Herd Owner, Tranquillity Farm, Allamuchy.	Difference---	(3-3-3)	+1,303	.0	+47
VAN HORNE ONYX FARMSTEAD BOY 837562----------	13 daughters-	18	9,646	3.6	347
Born, 9-24-41; proved, 7-26-49; dead; N. Y.	7 daughters--	10	9,558	3.5	338
Sire, 517673; dam, 2031548.	7 dams-------	15	10,916	3.4	376
Herd Owner, W. T. Dickerson, Jr., Oneonta.	Difference---	(3-4-3)	-1,358	+.1	-38
WAIT FARM CARNJON CORNUCOPIA 846560----------	6 daughters--	9	10,351	3.2	334
Born, 1-20-42; proved, 7-11-49;----; N. Y.	6 dams-------	14	11,772	3.2	379
Sire, 747248; dam, 1913013.	Difference---	(3-3-3)	-1,421	.0	-45
Herd Owner, Emerson E. Ritchie, Gouverneur.					
WESTRICK FARMS POLKADOT CHAMPION 836779----------	5 daughters--	5	13,505	3.1	417
Born, 6-28-41; proved, 7-8-49; dead; Ohio.	5 dams-------	5	13,196	3.0	399
Sire, 697599; dam, 1743403.	Difference---	(3-3-4)	+309	+.1	+18
Herd Owner, Charles M. Kingrey, Troy.					
WHITE STAR CONFIRM (TWIN) 830821----------	13 daughters-	19	10,476	3.7	387
Born, 9-27-40; proved, 7-26-49;----; Wis.	8 daughters--	12	10,876	3.7	397
Sire, 743104; dam, 1530010.	8 dams-------	16	11,176	3.5	388
Herd Owner, Clarence V. Peterson, Scandinavia.	Difference---	(4-6-5)	-300	+.2	+9
WINTERTHUR VICTOR SELECT YORICK 885902----------	17 daughters-	17	14,140	3.7	523
Born, 6-6-43; proved, 7-29-49;----; N. Y.	16 daughters-	16	14,038	3.7	517
Sire, 800000; dam, 2091191.	16 dams------	21	12,813	3.6	457
Herd Owner, Northmoor, Inc., Amenia.	Difference---	(13-12-13)	+1,225	+.1	+60
WIS BURKE ARISTOCRAT 861114----------	6 daughters--	8	11,965	3.9	463
Born, 11-27-42; proved, 7-11-49;----; Wis.	6 dams-------	24	12,662	3.6	453
Sire, 819476; dam, 2182985.	Difference---	(3-6-3)	-697	+.3	+10
Herd Owner, O'Connell Brothers, Grimms.					
WIS CRUSADER ORMSBY 841146----------	13 daughters-	18	11,596	3.7	427
Born, 2-18-42; proved, 7-28-49;----; Wis.	5 daughters--	6	11,511	3.6	412
Sire, 771551; dam, 1543364.	5 dams-------	13	11,701	3.9	451
Herd Owner, John Waack, Manitowoc.	Difference---	(3-1-3)	-190	-.3	-39
WISFOB GOOD LUCK ORMSBY 860370----------	6 daughters--	10	9,776	3.4	330
Born, 10-11-42; proved, 7-29-49;----; Wis.	6 dams-------	15	9,564	3.6	342
Sire, 779629; dam, 2132502.	Difference---	(2-2-2)	+212	-.2	-12
Herd Owner, Powell & Charles Gillmore, Kenosha.					
WOODBINE FAYNE HOESLY JUDA 826380----------	7 daughters--	9	10,856	3.5	383
Born, 11-13-40; proved, 7-15-49;----; Wis.	5 daughters--	6	10,527	3.7	394
Sire, 757429; dam, 1566351.	5 dams-------	11	12,988	3.6	466
Herd Owner, Harry Broughton & Son, Evansville.	Difference---	(1-4-1)	-2,461	+.1	-72

HOLSTEIN SIRES	[illegible]	[illegible] averaged	[illegible]	[illegible]	Fat
	Number	Number	Pounds	Percent	Pounds
[illegible]1-11240 (DHIA EARTAG)----------	9 daughters--	13	11,870	3.4	406
Born, ----; proved, 7-28-49;----; N. Y.	8 daughters--	12	11,829	3.4	[illegible]
Sire, ----; dam, ----.	[illegible] dams-------	21	10,310	3.7	[illegible]
Herd Owner, Leslie S. Tuttle, King Ferry.	Difference---	[illegible]	+1,519	-.3	+20
23*AR50543 (BANGS OR TB EARTAG)----------	6 daughters--	10	10,569	[illegible]	357
Born, ----; proved, 7-19-49; dead; Pa.	5 daughters--	7	10,791	3.3	[illegible]
Sire, ----; dam, ----.	5 dams-------	16	[illegible]	3.4	329
Herd Owner, T. P. Fitzsimmons, Port Allegany.	Difference---	(5-2-5)	+1,004	-.1	+29
35*HZ20008 (BANGS OR TB EARTAG)----------	6 daughters--	9	7,870	[illegible]	272
Born, ----; proved, 7-26-49;----; Minn.	6 dams-------	29	[illegible]	3.2	323
Sire, ----; dam, ----.	Difference---	(1-5-0)	-2,085	+.3	-51
Herd Owner, George W. Peterson, Red Wing.					
42-N2040 (DHIA EARTAG)----------	6 daughters--	9	8,244	3.5	291
Born, ----; proved, 7-13-49;----; Iowa.	6 dams-------	22	9,883	3.5	349
Sire, ----; dam, ----.	Difference---	(2-4-2)	-1,639	.0	-58
Herd Owner, Paul Tessmer & Parks, Fredericksburg.					

JERSEY SIRES

AIM PILOT 447230----------	7 daughters--	8	9,122	4.9	449
Born, 9-3-42; proved, 7-18-49;----; Mo.	6 daughters--	7	9,354	4.8	453
Sire, 404543; dam, 1133802.	6 dams-------	12	8,389	5.2	439
Herd Owner, Dewey L. Sikes & Son, Mansfield.	Difference---	(4-1-4)	+965	-.4	+14
BASILEUS DOROTHY KNIGHT 443901 *13----------	20 daughters-	38	7,286	5.2	378
Born, 9-8-41; proved, 7-19-49;----; Utah.	15 daughters-	28	7,624	5.2	397
Sire, 412105; dam, 1307917.	15 dams------	33	7,888	5.0	392
Herd Owner, Sorensen Brothers, East Garland.	Difference---	(4-9-7)	-264	+.2	+5
BEATALL FAUVIC EMBLEM 407573 *12----------	18 daughters-	43	7,916	5.5	433
Born, 7-22-39; proved, 7-14-49; dead; Md.	14 daughters-	36	8,019	5.6	446
Sire, 359463; dam, 1051452.	14 dams------	33	7,507	5.4	404
Herd Owner, Carl W. Feucht & Son, Elkton.	Difference---	(12-10-13)	+512	+.2	+42
BEAUTY'S GOLDEN LAD 402160 *12----------	18 daughters-	32	6,334	5.7	358
Born, 6-18-39; proved, 7-18-49;----; Pa.	16 daughters-	28	6,368	5.6	360
Sire, 389486; dam, 1059979.	16 dams------	70	7,201	5.1	371
Herd Owner, Hugh L. Wilson, Warriors Mark.	Difference---	(5-12-8)	-833	+.5	-11
BINDLE PRIMROSE ADMIRAL 449631----------	6 daughters--	8	7,101	5.3	375
Born, 4-13-43; proved, 7-28-49; dead; Ariz.	6 dams-------	25	6,636	5.5	367
Sire, 398704; dam, 999185.	Difference---	(4-2-4)	+465	-.2	+8
Herd Owner, University of Arizona, Tucson.					
BLONDE GILSLAND CORONATION 455066----------	5 daughters--	5	8,448	5.4	458
Born, 2-12-44; proved, 7-29-49;----; Maine.	5 dams-------	15	8,691	5.3	458
Sire, 389130; dam, 1156762.	Difference---	(2-3-2)	-243	+.1	0
Herd Owner, University of Maine, Orono.					
BLONDE ROWER BEAUTY BOY 395168 *13----------	13 daughters-	18	7,474	5.1	382
Born, 2-16-38; proved, 7-20-49; dead; Va.	9 daughters--	13	7,579	5.1	389
Sire, 373538; dam, 914760.	9 dams-------	26	8,141	5.2	427
Herd Owner, W. W. Sanford, Orange.	Difference---	(4-4-4)	-562	-.1	-38
BRAMPTON W. R. KNIGHT 440748----------	8 daughters--	8	6,474	5.3	342
Born, 2-21-42; proved, 7-15-49; alive; Vt.	7 daughters--	7	6,291	5.3	333
Sire, 101251 CJCC; dam, 85659 CJCC.	7 dams-------	29	6,903	5.1	352
Herd Owner, Don V. Camp, South Barre.	Difference---	(1-5-3)	-612	+.2	-19
CARL INEZ DESIGNER 438389----------	6 daughters--	8	6,763	5.4	364
Born, 1-13-42; proved, 7-29-49; dead; Calif.	5 daughters--	7	6,832	5.3	363
Sire, 379010; dam, 852274.	5 dams-------	5	6,943	5.4	375
Herd Owner, Stanley F. Levin, Oakdale.	Difference---	(2-2-2)	-111	-.1	-12
DESIGN FERN HAMLET 442595----------	9 daughters--	10	5,356	5.2	278
Born, 1-23-41; proved, 7-13-49;----; Md.	7 daughters--	7	5,359	5.2	281
Sire, 393098; dam, 1001282.	7 dams-------	21	6,913	4.9	340
Herd Owner, D. G. Bayer & E. R. Aldridge, Boonsboro.	Difference---	(2-6-2)	-1,554	+.3	-59
DUKE OF AVABA 446195----------	17 daughters-	20	6,891	5.0	342
Born, 3-30-42; proved, 7-29-49;----; Maine.	9 daughters--	9	6,538	5.2	338
Sire, 369058; dam, 1077773.	9 dams-------	22	7,026	5.0	351
Used in Maine Co-op. A. B. A.	Difference---	(5-5-3)	-488	+.2	-13
FLOSS' DUKE MODEL WALDEMAR 425425----------	9 daughters--	10	6,625	5.3	354
Born, 9-3-41; proved, 7-13-49;----; Vt.	7 daughters--	8	6,514	5.5	356
Sire, 369058; dam, 1155878.	7 dams-------	25	6,855	4.9	334
Herd Owner, W. C. & F. C. Arms, Burlington.	Difference---	(3-7-3)	-341	+.6	+22

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FOUR-OWLS FIVE-FAMILY LAD 425530 *13----------	25 daughters-	32	7,963	5.5	437
Born, 9-26-40; proved, 7-21-49; dead; Va.	21 daughters-	25	7,991	5.5	436
Sire, 344307; dam, 1146556.	21 dams------	62	8,221	5.1	423
Herd Owner, R. W. Curtis, Viewtown.	Difference---	(7-14-12)	-230	+.4	+13
GAMBOGE ASHBURN SIR ECHO 399963----------	12 daughters-	12	7,704	5.8	444
Born, 6-27-38; proved, 7-14-49; dead; Oreg.	9 daughters--	9	7,737	5.9	453
Sire, 369170; dam, 1111766.	9 dams-------	11	8,553	5.5	475
Herd Owner, Leonard L. Rood, Coos Bay.	Difference---	(2-7-4)	-816	+.4	-22
GIRLIE MAID EAGLE VOL. POPEYE 455627----------	7 daughters--	15	6,938	5.2	361
Born, 6-9-41; proved, 7-7-49;----; Oreg.	5 daughters--	13	7,514	5.1	381
Sire, 410163; dam, 1322999.	5 dams-------	9	7,299	5.0	363
Used in Oregon A. B. A.	Difference---	(2-2-2)	+215	+.1	+18
GOLD CUP OBSERVER 401253 *13----------	24 daughters-	39	6,626	5.0	332
Born, 7-10-38; proved, 7-29-49; dead; Minn.	21 daughters-	35	6,820	5.0	343
Sire, 342460; dam, 934551.	21 dams------	79	6,194	5.3	331
Herd Owner, J. H. Bender, Nevis.	Difference---	(14-5-12)	+626	-.3	+12
HIGHLAWN LIGHTNING 364162 *10----------	34 daughters-	65	7,337	5.1	371
Born, 8-14-34; proved, 7-21-49;----; Mass.	24 daughters-	42	7,002	5.1	357
Sire, 320705; dam, 646813.	24 dams------	86	7,782	4.8	371
Herd Owner, John W. Little, North Marshfield.	Difference---	(6-16-10)	-780	+.3	-14
K. H. SYBIL GAMBOGE LAD 438004----------	7 daughters--	[illegible]	6,445	5.6	363
Born, 3-23-42; proved, 7-29-49;----; N. Y.	6 daughters--	[illegible]	6,566	5.6	369
Sire, 391835; dam, 1199171.	6 dams-------	18	8,061	5.3	428
Herd Owner, Loyd D. Karker, Lawyersville.	Difference---	(0-5-1)	-1,495	+.3	-59
KITTY OXFORD KING ROYAL 443529----------	6 daughters--	7	6,368	6.1	387
Born, 1-28-42; proved, 7-13-49; dead; Ohio.	6 dams-------	15	7,528	5.2	391
Sire, 371000; dam, 1015488.	Difference---	(1-6-4)	-1,160	+.9	-4
Herd Owner, Frederick G. Cribley, Ada.					
LADY ANN'S STANDARD SIR 407877 *11----------	17 daughters-	42	6,627	5.8	384
Born, 4-23-39; proved, 7-18-49; dead; Minn.	16 daughters-	[illegible]	6,550	5.8	380
Sire, 380816; dam, 920999.	16 dams------	[illegible]	7,006	5.4	379
Herd Owner, H. J. Holst, Brownsdale.	Difference---	(5-14-9)	-456	+.4	+1
LILAC LADDIE JOE 398886----------	14 daughters-	18	6,784	5.3	358
Born, 1-10-39; proved, 7-11-49;----; Wash.	5 daughters--	7	6,881	5.2	361
Sire, 387674; dam, 1212406.	5 dams-------	9	7,168	4.9	354
Herd Owner, Gordon Weist, Skamokawa.	Difference---	(2-4-3)	-287	+.3	+7
LILAC REMUS LUCK 423123 *13----------	10 daughters-	17	9,221	5.2	483
Born, 4-22-41; proved, 7-29-49;----; Mass.	9 daughters--	16	9,119	5.3	481
Sire, 328497; dam, 1147455.	9 dams-------	39	9,960	5.0	503
Used in Indiana A. B. A., Ind.	Difference---	(3-6-3)	-841	+.3	-22
MASTER OWL FIVE CROSS OWL 396105 *10----------	21 daughters-	71	6,669	5.2	345
Born, 12-20-37; proved, 7-7-49; dead; Pa.	20 daughters-	69	6,732	5.2	349
Sire, 365678; dam, 919661.	20 dams------	90	7,410	5.3	393
Herd Owner, Belle Vue Farm, Bigler.	Difference---	(7-9-4)	-678	+.1	-44
NET FAMILY CONQUEROR 421395----------	8 daughters--	12	8,250	5.5	454
Born, 3-7-41; proved, 7-28-49;----; Pa.	7 daughters--	11	8,430	5.5	[illegible]
Sire, 375665; dam, 1133607.	7 dams-------	37	7,570	5.4	412
Herd Owner, Comes Dairy, Smethport.	Difference---	(5-3-5)	+860	+.1	+50
OWL PROGRESS LEON 407827 *10----------	18 daughters-	41	7,469	5.4	403
Born, 2-19-39; proved, 7-29-49;----; Vt.	16 daughters-	37	7,458	5.4	405
Sire, 342239; dam, 1016851.	16 dams------	91	7,047	5.4	382
Herd Owner, Fareham Farms, Hartland Four Corners.	Difference---	(10-8-10)	+411	.0	+23
PHILIDORA NOBLE STANDARD 436467----------	13 daughters-	20	6,278	5.2	329
Born, 1-1-42; proved, 7-14-49;----; Ill.	11 daughters-	17	6,166	5.2	321
Sire, 331755; dam, 993383.	11 dams------	42	6,514	5.2	340
Herd Owner, Leslie Mullins, Paw Paw.	Difference---	(4-7-4)	-348	.0	-19
RANDLEIGH VICTOR HOPE 403809 *13----------	17 daughters-	26	7,429	5.7	421
Born, 11-2-38; proved, 7-14-49; dead; Iowa.	16 daughters-	23	7,445	5.7	422
Sire, 323278; dam, 1043432.	16 dams------	47	7,695	5.8	445
Herd Owner, Alfred Keffeler, Remsen.	Difference---	(7-9-8)	-250	-.1	-23
REMUS ROBERTA REXTAURUS 404113 *12----------	19 daughters-	33	8,542	5.4	465
Born, 5-12-39; proved, 7-29-49;----; N. Y.	13 daughters-	24	9,250	5.4	504
Sire, 328497; dam, 890917.	13 dams------	39	7,813	5.3	416
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference---	(11-9-11)	+1,437	+.1	+88
RIGHT FAMOUS VALOR 406594 *12----------	16 daughters-	41	5,686	5.8	332
Born, 8-26-39; proved, 7-18-49; dead; W. Va.	16 dams------	90	6,084	5.2	315
Sire, 389486; dam, 876003.	Difference---	(4-15-8)	-398	+.6	+17
Herd Owner, E. G. Johnson & Sons, West Alexander, Pa.					

JERSEY SIRES	Animals	Records	[illegible]	[illegible]	Fat
	Number	Number	Pounds	Percent	Pounds
ROSE HILL VALIANT 443[illegible]3----------	7 daughters--	7	8,152	5.7	[illegible]
Born, 1-[illegible]-43; proved, [illegible]-49;----; Mich.	7 dams-------	19	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	Difference---	([illegible])	-474	+.4	+8
Herd Owner, Harold Kloekziem, Laingsburg.					
POGIS GLADSTONE VOLUNTEER 40[illegible]15 *12----------	16 daughters-	[illegible]	[illegible]	5.3	[illegible]
Born, 1-5-[illegible]; proved, [illegible]----; Wis.	12 daughters-	[illegible]	[illegible]	[illegible]	412
Sire, [illegible]; dam, 1100[illegible].	[illegible]	[illegible]	7,200	5.1	364
Used in Vernon Co. Co-op. A. B. A.	Difference---	(5-6-8)	[illegible]	+.3	+48
RUSH FETERITA VALENTINE 407570 *12----------	12 daughters-	[illegible]	[illegible]	[illegible]	437
Born, 12-12-38; proved, 7-14-49;----; Wash.	11 daughters-	[illegible]	7,445	5.9	440
Sire, 92055 CJCC; dam, 92057 CJCC.	11 dams------	42	8,410	[illegible]	460
Herd Owner, Roy E. Gays, Sequim.	Difference---	(3-7-4)	-965	+.4	-20
SOPHIE BILLY BINGO TAGALONG [illegible]9540[illegible] *8----------	12 daughters-	[illegible]	[illegible]	5.7	432
Born, 3-26-38; proved, 7-5-49;----; Ill.	11 daughters-	23	[illegible]	5.7	434
Sire, 335373; dam, 858942.	[illegible] dams------	27	7,450	5.6	418
Herd Owner, H. P. Bicknell, Lovington.	Difference---	(7-6-8)	+101	+.1	+16
STANDARD POMPOUS 436672----------	9 daughters--	9	[illegible]	5.4	424
Born, 12-21-41; proved, 7-13-49;----; Kans.	7 daughters--	7	[illegible]	5.4	421
Sire, 331755; dam, 1224653.	7 dams-------	14	[illegible]	5.5	435
Herd Owner, John Weir, Jr., Geuda Springs.	Difference---	(4-2-4)	-63	-.1	-14
THOMAS' IT X STANDARD 445[illegible]50 *1[illegible]----------	16 daughters-	22	8,409	4.9	411
Born, 10-5-42; proved, 7-7-49; dead; Iowa.	15 daughters-	21	[illegible]	4.9	416
Sire, 385924; dam, 1156338.	[illegible] dams------	46	7,669	[illegible]	412
Herd Owner, Carroll Andrews & Sons, Marshalltown.	Difference---	(11-5-8)	+785	-.5	+4
THOMAS' NO[illegible] [illegible]----------	15 daughters-	[illegible]	8,256	4.9	[illegible]
Born, 8-10-38; proved, 7-29-49;----; Iowa.	11 daughters-	[illegible]	8,322	4.9	411
Sire, [illegible]; dam, [illegible].	[illegible] dams------	[illegible]	[illegible]	4.8	373
Herd Owner, Ivan N. Gates, West Liberty.	Difference---	(8-8-9)	+566	+.1	+38
THOMAS' X SYBIL ROYAL 402573 *13----------	12 daughters-	21	7,669	5.6	429
Born, 12-10-38; proved, 7-19-49; dead; Iowa.	10 daughters-	[illegible]	7,683	5.6	434
Sire, [illegible]; dam, [illegible].	[illegible] dams------	59	6,924	[illegible]	[illegible]
Herd Owner, Scott Jersey Farm, Wilton Junction.	Difference---	(6-5-8)	+759	.0	[illegible]
TOP NOTCH FARM P. DAISY BOY 435821----------	[illegible] daughters--	7	7,535	5.5	413
Born, 2-19-41; proved, 7-29-49;----; N. Y.	[illegible] dams-------	[illegible]	8,748	5.3	460
Sire, 391467; dam, 1016073.	Difference---	(1-4-1)	-1,213	+.2	-47
Herd Owner, Kinyon Brothers, Marietta.					
TRISTRAM LAST COLONEL 409120 *10----------	31 daughters-	86	[illegible]	5.2	463
Born, 10-25-38; proved, 7-29-49; dead; Vt.	30 daughters-	82	8,904	5.2	[illegible]
Sire, 356247; dam, 1123924.	[illegible]0 dams------	101	8,145	[illegible]	449
Herd Owner, Ora Lewis, Woodstock.	Difference---	(22-9-18)	+759	-.3	+14
TWI-SENATOR TRI-OWL SOPHIE J. 426771 *(Feb. 1949)----------	12 daughters-	16	9,995	5.1	[illegible]
Born, 6-13-41; proved, 7-18-49; dead; Va.	10 daughters-	11	10,456	5.0	528
Sire, 365723; dam, 1209656.	10 dams------	41	8,043	5.2	418
Herd Owner, T. T. Curtis, Orange.	Difference---	(8-5-9)	+2,413	-.2	+110
VICTOR POGIS TORMENTOR KID 42[illegible]105----------	6 daughters--	9	7,984	5.2	413
Born, 12-8-40; proved, 7-11-49;----; Pa.	[illegible] dams-------	[illegible]	7,164	5.5	397
Sire, 394410; dam, 10[illegible]4072.	Difference---	(5-1-5)	+820	-.3	+16
Herd Owner, Harry R. Couch, Shelocta.					
VOLUNTEER OXFORD BARONET 430717----------	5 daughters--	7	6,717	6.2	415
Born, 11-25-41; proved, 7-11-49;----; Wash.	5 dams-------	10	[illegible]	5.8	415
Sire, 390458; dam, 1262918.	Difference---	(2-4-2)	-475	+.4	0
Herd Owner, Sidney Parker, Skamokawa.					
13*100701 (BANGS OR TB EARTAG)----------	5 daughters--	6	[illegible]	5.1	284
Born, ----; proved, 7-15-49;----; Vt.	5 dams-------	26	5,355	5.1	[illegible]
Sire, ----; dam, ----.	Difference---	(3-3-3)	+196	.0	+11
Herd Owner, R. C. McWilliams, St. Albans.					

SHORTHORN SIRES

CHIEF CLANSMAN 2098[illegible]37----------	14 daughters-	17	8,416	4.0	335
Born, 1-19-42; proved, 7-18-49; alive; Minn.	9 daughters--	12	7,788	4.0	[illegible]
Sire, 1865862; dam, 1865866.	9 dams-------	12	7,553	3.7	[illegible]
Used in Minnesota Valley & Southern Minnesota A. B. A.'s.	Difference---	(4-9-6)	+235	+.3	[illegible]
FLINTSTONE ROAN GENERAL 2010382----------	8 daughters--	10	7,844	3.9	[illegible]
Born, 1-8-40; proved, 7-5-49;----; Md.	5 daughters--	5	7,599	4.0	[illegible]
Sire, 1906907; dam, 1687546.	5 dams-------	12	7,754	3.9	306
Herd Owner, Vernon A. Mathias & Son, Westminster.	Difference---	(2-2-2)	-155	+.1	-3

[illegible]	[illegible]	Records averaged	Milk	[illegible]	Fat
	[illegible]	[illegible]	Pounds	Percent	Pounds
[illegible]	10 daughters-	[illegible]	7,648	[illegible]	[illegible]
[illegible]	8 daughters--	11	[illegible]	3.9	[illegible]
[illegible]	[illegible]	[illegible]	8,226	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	.0	[illegible]
[illegible]	10 daughters-	10	[illegible]	3.8	[illegible]
Born, 7-23-39; proved, 7-19-49; alive; Idaho.	7 daughters--	7	9,654	[illegible]	354
Sire, 230061 CHB; dam, 257717 CHB.	[illegible]	13	[illegible]	3.7	345
Herd Owner, Maurice Capps, Buhl.	Difference---	(3-4-4)	+291	.0	+9
POCANTICO PIONEER 2117241	[illegible]	14	10,784	3.9	420
[illegible], 5-[illegible]2, proved, [illegible]-4-[illegible]; dead; N. Y.	7 daughters--	11	11,189	3.9	434
Sire, 1956841; dam, 1992087.	[illegible]	30	[illegible]	4.1	388
Herd Owner, John D. Rockefeller, Jr., Tarrytown.	Difference---	(7-2-5)	+1,673	-.2	+46
TAR SNOWFLAKE 2084[illegible]	13 daughters-	14	8,216	4.0	328
Born, 10-20-41; proved, 7-29-49; alive; Minn.	5 daughters--	6	8,012	3.9	311
Sire, 2029218; dam, 2000427.	5 dams-------	11	6,979	3.7	259
Herd Owner, Frank J. Facile, Jasper.	Difference---	(3-4-3)	+1,033	+.2	+52
SUSIE'S MODEL DUKE 1930862	11 daughters-	21	7,368	4.0	293
Born, 9-12-37; proved, 7-18-49; alive; Nebr.	7 daughters--	15	7,532	4.0	304
Sire, 1866221; dam, 1517534.	7 dams-------	21	6,848	3.8	259
Herd Owner, Edelmaier & Heine, Hooper.	Difference---	(5-6-6)	+684	+.2	+45
WALGROVE CAMP FIRE 1757891	11 daughters-	15	7,440	4.1	306
Born, 1-22-33; proved, 7-19-49;----; Kans.	7 daughters--	7	7,943	4.1	325
Sire, 1686411; dam, 1229760.	7 dams-------	20	8,441	3.8	324
Herd Owner, Duallyn Farm, Eudora.	Difference---	(2-6-4)	-498	+.3	+1
WOODSIDE MERCURY 2041[illegible]	6 daughters--	7	6,523	4.1	268
Born, 8-27-40; proved, 7-29-49;----; W. Va.	5 daughters--	6	6,987	4.1	287
Sire, 1792013; dam, 1877550.	[illegible]	12	6,199	4.0	249
Herd Owner, C. C. Lewis, Point Pleasant.	Difference---	(3-4-4)	+788	+.1	+38
WOODSIDE PREMIER 1865610	5 daughters--	7	8,633	3.5	304
Born, 8-30-35; proved, 7-18-49; dead; Minn.	5 dams-------	13	8,905	3.7	331
Sire, 1530049; dam, 1579983.	Difference---	(3-1-2)	-272	-.2	-27
Herd Owner, Peter Brugman & Sons, Bingham Lake.					
VC-[illegible]272 (DHIA EARTAG)	7 daughters--	7	8,503	4.3	368
Born, ----; proved, 7-13-49; dead; Oreg.	5 daughters--	5	8,579	4.3	366
Sire, ----; dam, ----.	5 dams-------	5	10,397	4.5	463
Herd Owner, Walter Gragg, Hauser.	Difference---	(1-2-2)	-1,818	-.2	-97

AMERICAN DAIRY CATTLE CLUB SIRES

ARGILLA CAESAR 243
(This sire is also a registered Guernsey "Argilla Caesar 225790." Proved Sire data included in Guernsey listing.)

ELMWOOD FARMS ROYAL FLUSH 415
(This sire is also a registered Guernsey "Elmwood Farms Royal Flush 321997." Proved Sire date included in Guernsey listing.)

POCANTICO PIONEER 978
(This sire is also a registered Shorthorn "Pocantico Pioneer 2117241." Proved Sire data included in Shorthorn listing.)

WATKINS REX AMBASSADOR 799
(This sire is also a registered Guernsey "Watkins Rex Ambassador 336912." Proved Sire data included in Guernsey listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol. 25, No. 9

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GOOD COWS YIELD GOOD RETURNS

High-producing cows convert feed into milk and butterfat more efficiently and profitably than do low-producing cows. More product per pound of feed consumed means lower feed costs and greater returns above feed costs.

This is an old story to members of dairy-herd-improvement associations, but it is told again so that all dairymen may know the advantage of developing high-producing, profitable herds.

A compilation of data selected at random from dairy-herd-improvement association records for 1948 shows how rapidly income over feed cost rises and how feed cost per pound of butterfat drops as the production level increases.

Level of butter-fat production	Value of product	Feed cost	Income over feed cost	Feed cost per pound of butter-fat produced
Pounds	Dollars	Dollars	Dollars	Dollars
100	127	111	16	1.11
200 1/	243	133	110	.66
300	363	160	203	.53
350 2/	388	165	223	.47
400	476	185	291	.46
500	596	214	382	.43
600	716	244	472	.41

1/ The average production of butterfat per cow per year of all cows in the United States in 1948 was 200 pounds.
2/ Average production of butterfat per cow per year of all cows in DHIA herds.

On the following pages are summaries and tabulations based on the records of 38,431 cows that completed a full 12-month testing period in 1948, selected at random from all individual records reported, and on herd data from 17,885 herds.

Table 1.--Relation of butterfat production to other factors 1/

Butterfat production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
75 - 124--------	53	3,394	3.3	113	144	4.24	66	59	125	19
125 - 174-------	688	3,978	3.9	156	188	4.73	59	61	120	68
175 - 224-------	2,432	4,993	4.1	203	243	4.87	60	73	133	110
225 - 274-------	5,372	6,257	4.0	252	304	4.86	64	83	147	157
275 - 324-------	7,982	7,438	4.0	301	363	4.88	66	94	160	203
325 - 374-------	8,510	8,585	4.1	349	419	4.88	69	104	173	246
375 - 424 ------	6,352	9,727	4.1	398	476	4.89	71	114	185	291
425 - 474-------	3,914	10,874	4.1	447	539	4.96	74	126	200	339
475 - 524-------	1,820	12,028	4.1	496	596	4.96	76	138	214	382
525 - 574-------	815	13,129	4.2	545	655	4.99	78	151	229	426
575 - 624-------	303	14,423	4.1	596	716	4.96	79	165	244	472
625 - 674-------	121	15,936	4.1	647	784	4.92	86	173	259	525
675 - 724-------	39	18,085	3.8	695	855	4.73	96	210	306	549
725 - 774-------	21	17,798	4.2	740	874	4.91	86	190	276	598
775 - 824-------	6	18,598	4.2	790	911	4.90	86	176	262	649
875 - 924-------	2	23,650	3.8	900	1,482	6.27	100	218	318	1,164
1,025 - 1,074---	1	25,210	4.1	1,041	1,249	4.95	105	134	239	1,010
Total or average----	38,431	8,472	4.1	345	415	4.90	68	104	172	243

1/ Based on the records of 38,431 DHIA cows, selected at random, that completed a full 12-month testing period in 1948. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 2.--Relation of milk production to other factors 1/

Milk production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2,500 - 3,499----	324	3,274	4.8	158	176	5.38	54	60	114	62
3,500 - 4,499----	1,343	4,063	4.8	196	224	5.51	57	69	126	98
4,500 - 5,499----	2,925	5,064	4.7	240	277	5.47	60	79	139	138
5,500 - 6,499----	4,873	6,019	4.7	281	326	5.42	62	87	149	177
6,500 - 7,499----	5,852	7,003	4.5	315	368	5.25	64	94	158	210
7,500 - 8,499----	5,792	7,986	4.3	341	405	5.07	67	100	167	238
8,500 - 9,499----	5,084	8,985	4.0	363	437	4.86	70	107	177	260
9,500 - 10,499---	4,068	9,976	3.8	384	469	4.70	74	114	188	281
10,500 - 11,499--	3,029	10,965	3.7	403	500	4.56	75	120	195	305
11,500 - 12,499--	2,091	11,966	3.6	432	538	4.50	77	127	204	334
12,500 - 13,499--	1,324	12,974	3.6	463	583	4.49	81	138	219	364
13,500 - 14,499--	763	13,958	3.5	489	616	4.41	81	144	225	391
14,500 - 15,499--	469	14,955	3.5	522	655	4.38	82	155	237	418
15,500 - 16,499--	243	15,943	3.4	550	696	4.37	83	161	244	452
16,500 - 17,499--	125	16,958	3.5	595	752	4.43	86	176	262	490
17,500 - 18,499--	60	17,947	3.5	622	796	4.44	83	178	261	535
18,500 - 19,499--	39	18,993	3.5	664	875	4.61	97	207	304	571
19,500 - 20,499--	18	19,930	3.5	704	834	4.18	99	199	298	536
20,500 - 21,499--	4	20,712	3.3	692	927	4.48	90	206	296	631
21,500 - 22,499--	2	21,628	3.9	838	1,079	4.99	86	210	296	783
22,500 - 23,499--	1	22,663	3.4	780	873	3.85	96	209	305	568
24,500 - 25,499--	1	25,210	4.1	1,041	1,249	4.95	105	134	239	1,010
25,500 - 26,499--	1	25,770	3.5	902	1,795	6,97	112	232	344	1,451
Total or average-----	38,431	8,472	4.1	345	415	4.90	68	104	172	243

1/ Based on the records of 38,431 DHIA cows, selected at random, that completed a full 12-months testing period in 1948. The milk records are grouped so the group centers are 1,000 pounds apart.

Table 3.--Relation of butterfat production per cow to other factors 1/

Butterfat production (range)	Cow-years	Herds	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
			Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
25-74----------	16.75	1	786	3.6	28	36	4.58	4	9	13	23
75-124---------	19.50	6	2,487	3.8	94	102	4.10	54	39	93	9
125-174--------	21.21	75	4,009	3.9	158	176	4.39	51	49	100	76
175-224--------	21.79	559	5,169	4.0	207	232	4.49	57	58	115	117
225-274--------	21.64	2,160	6,305	4.0	254	293	4.65	61	74	135	158
275-324--------	22.67	4,694	7,461	4.0	302	352	4.72	67	87	154	198
325-374--------	22.52	5,467	8,612	4.0	348	409	4.75	72	100	172	237
375-424--------	22.14	3,336	9,712	4.1	396	464	4.78	76	112	188	276
425-474--------	21.25	1,239	10,789	4.1	444	523	4.85	81	125	206	317
475-524--------	18.44	276	12,010	4.1	493	570	4.75	86	135	221	349
525-574--------	21.20	52	12,595	4.3	547	624	4.95	96	134	230	394
575-624--------	22.05	15	12,980	4.6	596	656	5.05	88	141	229	427
625-674--------	18.98	4	14,531	4.4	646	716	4.93	84	174	258	458
725-774--------	4.25	1	21,908	3.3	732	657	3.00	183	185	368	289
Total or average---	22.20	17,885	8,327	4.1	338	395	4.74	71	96	167	228

1/Based on unweighted herd averages. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 4.--Relation of cost of grain to other factors 1/

Cost of grain (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Dollars	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1-7---------	46	4,894	4.1	199	195	3.98	53	5	58	137
8-12--------	38	5,340	3.9	211	211	3.95	62	10	72	139
13-17-------	69	6,705	3.8	254	262	3.91	64	15	79	183
18-22-------	99	6,150	3.9	242	253	4.11	59	20	79	174
23-27-------	122	6,338	4.0	252	263	4.15	58	25	83	180
28-32-------	235	6,406	4.0	254	273	4.26	59	30	89	184
33-37-------	329	6,366	4.1	258	280	4.40	57	35	92	188
38-42-------	527	6,247	4.2	261	282	4.51	57	40	97	185
43-47-------	641	6,431	4.2	270	293	4.56	60	45	105	188
48-52-------	820	6,614	4.2	276	302	4.57	62	50	112	190
53-57-------	1,064	6,971	4.1	288	318	4.56	62	55	117	201
58-62-------	1,212	7,147	4.1	296	330	4.62	63	60	123	207
63-67-------	1,402	7,337	4.1	303	338	4.61	62	65	127	211
68-72-------	1,704	7,406	4.2	309	349	4.71	62	70	132	217
73-77-------	1,811	7,635	4.1	317	360	4.72	64	75	139	221
78-82-------	2,031	7,585	4.2	319	367	4.84	64	80	144	227
83-87-------	2,010	7,778	4.2	326	377	4.85	66	85	151	226
88-92-------	2,200	7,917	4.2	331	387	4.89	66	90	156	231
93-97-------	2,107	8,029	4.1	331	392	4.88	68	95	163	229
98-102------	2,007	8,158	4.1	338	401	4.92	69	100	169	232
103-107-----	1,962	8,422	4.1	347	415	4.93	69	105	174	241
108-112-----	1,928	8,589	4.1	350	426	4.96	70	110	180	246
113-117-----	1,818	8,677	4.1	359	436	5.02	70	115	185	251
118-122-----	1,554	9,021	4.0	365	452	5.01	71	120	191	261
123-127-----	1,419	9,267	4.0	374	462	4.99	72	125	197	265
128-132-----	1,233	9,389	4.0	380	470	5.01	73	130	203	267
133-137-----	1,168	9,691	4.0	389	487	5.03	73	135	208	279
138-142-----	987	9,776	4.0	389	490	5.01	75	140	215	275
143-147-----	887	10,049	4.0	401	507	5.05	76	145	221	286
148-152-----	691	10,039	4.0	397	506	5.04	78	150	228	278
153-157-----	624	10,312	3.9	407	523	5.07	77	155	232	291
158-162-----	595	10,445	3.9	407	534	5.11	77	160	237	297
163-167-----	484	10,428	4.0	414	538	5.16	77	165	242	296
168-172-----	435	10,736	3.9	414	554	5.16	79	170	249	305
173-177-----	350	11,454	3.8	440	581	5.07	81	175	256	325
Over 177----	1,822	11,919	3.8	452	605	5.12	77	205	282	323
Total or average--	38,431	8,472	4.1	345	415	4.90	68	104	172	243

1/ Based on the records of 38,431 DHIA cows, selected at random, that completed a full 12-month testing period in 1948. The cost of grain records are grouped so the group centers are $5. apart.

DHIA PROVED-SIRE RECORDS TABULATED IN AUGUST 1949

Following is a list of 546 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in August 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. the numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ARDROSSAN FORGOTTEN MAN 71810----------	5 daughters--	7	10,036	4.2	419
Born, 6-24-42; proved, 8-11-49;----; Pa.	5 dams-------	16	8,603	4.2	362
Sire, 56972; dam, 156688.	Difference---	(4-2-3)	+1,433	.0	+57
Herd Owner, Ardrossan Farms, Ithan.					
ATWOOD ORCHARDS HERE'S LUCK 62874 *12----------	9 daughters--	16	7,285	3.9	287
Born, 6-19-39; proved, 8-25-49;----; N. Y.	9 dams-------	30	8,298	3.9	324
Sire, 34996; dam, 177794.	Difference---	(4-6-3)	-1,013	.0	-37
Herd Owner, Ralph D. Morgan, Linwood.					
ATWOOD ORCHARDS KING ROYAL 72163----------	11 daughters-	11	8,051	4.2	335
Born, 8-7-42; proved, 8-2-49;----; N. Y.	7 daughters--	7	8,162	4.1	333
Sire, 60290; dam, 177794.	7 dams-------	12	6,024	3.8	228
Herd Owner, Silas N. Stimson, Spencer.	Difference---	(6-6-6)	+2,138	+.3	+105
BAKER FARM CAPTAIN P 69532 *13----------	12 daughters-	19	8,408	4.1	345
Born, 3-14-42; proved, 8-25-49;----; Vt.	12 dams------	51	7,313	4.0	296
Sire, 53833; dam, 155439.	Difference---	(9-6-9)	+1,095	+.1	+49
Herd Owner, Sunny Plains Farm, North Springfield.					
BARWOOD MR. LAD 67075 *13----------	10 daughters-	20	6,060	4.0	242
Born, 4-10-41; proved, 8-11-49; dead; Kans.	9 daughters--	18	5,962	4.0	237
Sire, 52164; dam, 157875.	9 dams-------	26	6,272	3.9	242
Herd Owner, Hunn & Nelson, Arrington.	Difference---	(4-7-4)	-310	+.1	-5
BONNIE BRAE LUSTRE, IMP. 59309 *8----------	16 daughters-	44	9,257	3.9	357
Born, 8-25-32; proved, 8-8-49;----; N. Y.	13 daughters-	35	9,189	3.9	356
Sire, 48316; dam, 197885.	13 dams------	45	9,098	4.3	388
Herd Owner, Hutchby & Cooper, Newark.	Difference---	(8-2-3)	+91	-.4	-32
BONNIE ROYAL'S ADMIRAL KING 70382 *13----------	8 daughters--	15	9,072	3.8	348
Born, 3-15-41; proved, 8-22-49; dead; Iowa.	7 daughters--	14	9,673	3.8	366
Sire, 44097; dam, 194833.	7 dams-------	30	9,389	4.2	395
Herd Owner, Carl Lindemann, Humboldt.	Difference---	(4-0-3)	+284	-.4	-29
CACAPON CAPTAIN CLIP 4TH 60744 *13----------	26 daughters-	40	9,068	4.2	378
Born, 2-12-39; proved, 8-25-49;----; N. H.	24 daughters-	37	8,883	4.2	376
Sire, 36656; dam, 183189.	24 dams------	82	8,570	4.1	355
Herd Owner, Hampshire Hills Farms Co., Wilton.	Difference---	(14-15-12)	+313	+.1	+21
CHAMPION CONQUEROR OF WEAVER PLACE 62740 *12----------	10 daughters-	24	8,766	4.4	384
Born, 5-14-38; proved, 8-29-49; dead; Ohio.	10 dams------	46	9,793	4.4	430
Sire, 38562; dam, 222486.	Difference---	(4-6-3)	-1,027	.0	-46
Herd Owner, Steed Brothers, Radnor.					
CYRUS OF GREAT OAKS 70122 *13----------	8 daughters--	12	7,185	4.4	313
Born, 2-26-41; proved, 8-22-49; dead; Wis.	8 dams-------	12	8,592	4.0	341
Sire, 59189; dam, 213840.	Difference---	(2-6-2)	-1,407	+.4	-28
Herd Owner, Greenacres Farm, Bryant.					
DESERT CREST'S EL MORROCCO 69101----------	7 daughters--	9	7,315	4.1	303
Born, 12-28-41; proved, 8-19-49;----; Mo.	7 dams-------	41	7,478	3.8	287
Sire, 57555; dam, 179692.	Difference---	(4-7-4)	-163	+.3	+16
Herd Owner, Railton Brothers, Jefferson City.					
DESERT CREST'S GOLDEN GLORY 69100 *13----------	16 daughters-	21	7,343	4.3	315
Born, 11-26-41; proved, 8-29-49;----; Md.	8 daughters--	10	7,399	4.4	323
Sire, 57555; dam, 190172.	8 dams-------	21	7,158	4.0	283
Herd Owner, Monocacy Ayr Farm, Frederick.	Difference---	(5-8-5)	+241	+.4	+40
FOREST VU STAR HOMER 67114 *12----------	17 daughters-	26	10,043	4.2	422
Born, 4-23-41; proved, 8-16-49;----; Md.	17 dams------	59	9,774	4.0	391
Sire, 61693; dam, 186842.	Difference---	(10-13-12)	+269	+.2	+31
Herd Owner, William H. Hill & Sons, Woodbine.					
FORT HILL PRINCE FASCINATOR 68021 *12----------	22 daughters-	41	7,006	4.1	285
Born, 11-23-39; proved, 8-19-49; dead; Mass.	22 dams------	83	8,321	3.9	328
Sire, 57986; dam, 225161.	Difference---	(6-17-6)	-1,315	+.2	-43
Herd Owner, Fort Hill Farm, Amherst.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
GLEN ALMUS WHITE FLASH 65164----------	14 daughters-	16	7,018	4.3	305
Born, 7-1-40; proved, 8-12-49;----; Pa.	14 dams------	48	8,904	4.3	382
Sire, 47966; dam, 115350.	Difference---	(3-9-3)	-1,886	.0	-77
Herd Owner, Fernheim Farms, Montrose.					
GLENGARRY BRITAIN, IMP. 69906 *13----------	16 daughters-	17	9,331	4.0	371
Born, 10-15-39; proved, 8-22-49;----; N. Y.	12 daughters-	12	9,189	4.0	371
Sire, 64582; dam, 298490.	12 dams------	54	8,459	4.0	338
Herd Owner, Arnold Brothers, Canandaigua.	Difference---	(8-10-8)	+730	.0	+33
HILDA'S HAPPY JACK 65209----------	7 daughters--	9	5,509	4.2	229
Born, 8-25-40; proved, 8-11-49;----; Maine.	5 daughters--	6	5,752	4.1	238
Sire, 45019; dam, 190447.	5 dams-------	10	7,878	3.8	297
Herd Owner, Norman A. & Mildred P. Martin, Gorham.	Difference---	(1-5-1)	-2,126	+.3	-59
HYBROOK GAIETY LAD 58996 *11----------	29 daughters-	64	7,401	4.0	295
Born, 11-29-37; proved, 8-5-49; dead; Conn.	28 daughters-	62	7,472	4.0	298
Sire, 42680; dam, 168984.	28 dams------	85	7,873	3.9	308
Herd Owner, High Brook Farms, Litchfield.	Difference---	(11-18-12)	-401	+.1	-10
ILLINI DONELLA MAGNET 59968 *12----------	25 daughters-	47	10,298	4.1	426
Born, 9-15-38; proved, 8-16-49;----; Ill.	20 daughters-	39	10,314	4.1	425
Sire, 50792; dam, 130626.	20 dams------	48	9,010	3.9	354
Herd Owner, Frank McDonald & Sons, Princeton.	Difference---	(15-16-17)	+1,304	+.2	+71
JAY-BEE GOLDEN SUN 60310 *12----------	11 daughters-	21	8,363	4.1	345
Born, 11-11-38; proved, 8-19-49; dead; Pa.	10 daughters-	20	8,537	4.1	353
Sire, 52106; dam, 88147.	10 dams------	35	8,063	4.2	336
Herd Owner, Jay Bee Farms, York.	Difference---	(4-6-5)	+474	-.1	+17
KENNEBEC FERDINAND'S LAD 68047----------	8 daughters--	12	7,858	4.0	318
Born, 2-9-41; proved, 8-25-49;----; Maine.	5 daughters--	8	8,484	4.1	347
Sire, 50720; dam, 225732.	5 dams-------	11	8,733	4.0	352
Herd Owner, James Shores, Clinton.	Difference---	(1-2-2)	-249	+.1	-5
LEDGETOP NORWOOD 67678----------	12 daughters-	12	9,447	4.0	381
Born, 8-5-41; proved, 8-2-49;----; N. Y.	5 daughters--	5	10,066	4.1	408
Sire, 56336; dam, 157512.	5 dams-------	8	6,522	4.0	263
Herd Owner, Silas N. Stimson, Spencer.	Difference---	(5-2-5)	+3,544	+.1	+145
LIPPITT PETERJOHN 62614 *13----------	17 daughters-	26	8,295	4.3	359
Born, 9-2-39; proved, 8-23-49;----; R. I.	12 daughters-	18	8,766	4.4	382
Sire, 47977; dam, 152425.	12 dams------	40	9,453	4.2	397
Herd Owner, Lippitt Farm, Hope.	Difference---	(5-9-6)	-687	+.2	-15
LOMBARD SOLAR 69097 *13----------	10 daughters-	16	8,918	4.0	355
Born, 8-4-41; proved, 8-26-49; dead; Ohio.	8 daughters--	12	9,447	4.0	376
Sire, 55761; dam, 212273.	8 dams-------	17	9,700	4.1	398
Herd Owner, Roy Lombard & Son, Plain City.	Difference---	(4-4-3)	-253	-.1	-22
NESHAMINY ESQUIRE 69160 *13----------	23 daughters-	32	9,542	4.3	408
Born, 12-13-41; proved, 8-19-49;----; N. Y.	20 daughters-	28	9,548	4.3	407
Sire, 55200; dam, 204538.	20 dams------	90	9,091	4.2	386
Herd Owner, Robert M. Haynes, Jr. & Sons, Tully.	Difference---	(13-12-13)	+457	+.1	+21
NESHAMINY MAIN LINER 59484 *12----------	21 daughters-	43	7,430	3.9	291
Born, 6-21-38; proved, 8-3-49;----; Md.	19 daughters-	38	7,320	3.9	285
Sire, 52000; dam, 93810.	19 dams------	55	7,999	3.8	304
Herd Owner, Rosarden Farms, Sparks.	Difference---	(8-14-9)	-679	+.1	-19
PENN SPRING PAUL 72061 *13----------	12 daughters-	18	7,278	4.0	289
Born, 6-22-42; proved, 8-26-49; dead; Md.	9 daughters--	15	7,129	4.0	282
Sire, 48728; dam, 205182.	9 dams-------	40	7,917	3.7	295
Herd Owner, Rosardan Farms, Sparks.	Difference---	(3-9-3)	-788	+.3	-13
PENN SPRING WAR STAR 62078 *11----------	26 daughters-	53	8,236	4.1	338
Born, 2-24-39; proved, 8-31-49;----; Pa.	24 daughters-	49	8,314	4.1	342
Sire, 43060; dam, 119637.	24 dams------	88	9,158	4.0	365
Herd Owner, John B. Ranck & Son, New Holland.	Difference---	(9-16-8)	-844	+.1	-23
PENSHURST BETTER MAN 58788 *12----------	21 daughters-	43	9,930	4.2	417
Born, 3-19-38; proved, 8-2-49; dead; Ohio.	17 daughters-	35	10,514	4.2	445
Sire, 43060; dam, 136532.	17 dams------	83	9,313	4.2	389
Herd Owner, E. A. Tyler & Son, Pataskala.	Difference---	(14-13-14)	+1,201	.0	+56
PENSHURST BRISK MAN 58825 *12----------	33 daughters-	101	9,899	4.0	395
Born, 5-8-38; proved, 8-3-49;----; Md.	28 daughters-	81	9,822	4.0	392
Sire, 43060; dam, 185281.	28 dams------	66	8,627	4.0	345
Herd Owner, Knollhill Farm, Frederick.	Difference---	(19-17-17)	+1,195	.0	+47
PENSHURST JIM 58950 *13----------	24 daughters-	39	9,751	4.3	417
Born, 4-16-38; proved, 8-2-49; alive; Pa.	16 daughters-	24	10,582	4.4	462
Sire, 43060; dam, 174110.	16 dams------	60	10,122	4.4	444
Herd Owner, Neshaminy Farms, Newtown.	Difference---	(9-10-7)	+460	.0	+18

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROLLING GLEN VALOR, IMP. 65845----------	5 daughters--	5	6,552	3.9	255
Born, 8-22-40; proved, 8-11-49;----; Ohio.	5 dams-------	9	8,732	3.9	338
Sire, 65722; dam, 236946.	Difference---	(1-2-2)	-2,180	.0	-83
Herd Owner, John C. & Ethel Bates, Steubenville.					
ROSELAWN PRINCE MAGNET 71279 *13----------	9 daughters--	13	8,000	4.2	338
Born, 7-30-42; proved, 8-29-49;----; Md.	9 dams-------	24	8,431	4.0	337
Sire, 50792; dam, 168539.	Difference---	(4-7-5)	-431	+.2	+1
Herd Owner, Mt. Harmon Farm, Earleville.					
SHIRLEY-AYR GAY BOB 67503 *13----------	14 daughters-	27	7,555	4.0	298
Born, 5-26-38; proved, 8-11-49; dead; Md.	12 daughters-	23	7,515	4.0	300
Sire, 47698; dam, 186235.	12 dams------	51	8,894	3.9	347
Herd Owner, Oaklea Farms, Street.	Difference---	(3-7-4)	-1,379	+.1	-47
SILVER RUN AJAX 66941----------	11 daughters-	13	7,772	4.3	333
Born, 4-11-41; proved, 8-9-49;----; Md.	6 daughters--	6	7,233	4.3	307
Sire, 46502; dam, 184697.	6 dams-------	10	7,757	4.1	317
Herd Owner, Martin L. Myers, Westminster.	Difference---	(1-5-3)	-524	+.2	-10
SOLAR'S RED SHELIA'S BOY 62648 *11----------	20 daughters-	35	8,791	3.9	339
Born, 10-19-39; proved, 8-23-49;----; Ohio.	15 daughters-	25	8,648	3.9	338
Sire, 55761; dam, 177636.	15 dams------	33	8,210	3.9	323
Herd Owner, John E. Rapp, Portsmouth.	Difference---	(9-8-8)	+438	.0	+15
STONE HOUSE MASTER 64510----------	7 daughters--	16	8,589	3.7	314
Born, 2-25-40; proved, 8-11-49;----; Md.	5 daughters--	11	8,484	3.7	313
Sire, 59509; dam, 194459.	5 dams-------	10	9,082	4.1	374
Herd Owner, Edgewood Farms, Glenelg.	Difference---	(1-1-1)	-598	-.4	-61
STRATHGLASS BROWN BELBO 60364 *12----------	22 daughters-	43	7,802	4.1	322
Born, 12-20-38; proved, 8-26-49;----; N. Y.	22 dams------	90	8,817	4.1	361
Sire, 51653; dam, 147081.	Difference---	(9-11-9)	-1,015	.0	-39
Herd Owner, Ralph S. Gould, Hobart.					
STRATHGLASS TRUE FAME 60989 *13----------	15 daughters-	22	7,607	4.0	305
Born, 3-4-39; proved, 8-30-49;----; Vt.	13 daughters-	19	7,919	4.0	315
Sire, 51655; dam, 154420.	13 dams------	33	8,576	4.1	350
Herd Owner, Kenneth R. Hunt, Windsor.	Difference---	(5-5-4)	-657	-.1	-35
TALISMAN FOOTHOLD 60737 *12----------	21 daughters-	43	8,035	4.0	324
Born, 12-3-38; proved, 8-26-49; dead; N. H.	21 dams------	64	8,921	3.9	352
Sire, 56717; dam, 195070.	Difference---	(6-15-7)	-886	+.1	-28
Herd Owner, S. O. Sargent, Concord.					
VISTA GRANDE BENNY 65762----------	8 daughters--	10	7,250	4.1	295
Born, 11-16-40; proved, 8-16-49;----; N. Y.	5 daughters--	7	8,646	4.1	352
Sire, 55678; dam, 196211.	5 dams-------	13	9,479	4.3	407
Herd Owner, Charles Wiley, Johnsonville.	Difference---	(1-2-1)	-833	-.2	-55
VISTA GRANDE DASHER 72035 *13----------	10 daughters-	11	7,869	4.6	361
Born, 12-6-42; proved, 8-29-49;----; Kans.	10 dams------	38	9,056	4.2	382
Sire, 65761; dam, 231226.	Difference---	(1-10-3)	-1,187	+.4	-21
Herd Owner, R. E. Stark & Son, Abilene.					
VISTA GRANDE DELANO 70238----------	7 daughters--	7	8,170	4.0	331
Born, 5-8-42; proved, 8-19-49;----; Md.	6 daughters--	6	8,105	4.0	325
Sire, 61737; dam, 227313.	6 dams-------	19	9,595	3.9	378
Herd Owner, Dudley Chance, Galena.	Difference---	(0-4-0)	-1,490	+.1	-53
VISTA GRANDE DIPLOMAT 70151 *13----------	11 daughters-	15	10,569	4.1	431
Born, 4-22-42; proved, 8-5-49; alive; Ohio.	11 dams------	51	9,568	4.2	404
Sire, 63144; dam, 200833.	Difference---	(8-6-7)	+1,001	-.1	+27
Used in Central Ohio Co-op. A. B. A.					
WESTLEA STAR GAZER 66917 *12----------	8 daughters--	16	8,635	4.4	382
Born, 2-21-41; proved, 8-8-49;----; Wash.	8 dams-------	39	8,027	4.2	338
Sire, 51656; dam, 151245.	Difference---	(5-7-5)	+608	+.2	+44
Herd Owner, Rivermoor Ayr. Farm, Rainier.					
WHITPAIN AMBASSADOR 67402 *13----------	11 daughters-	17	8,804	4.3	374
Born, 6-19-41; proved, 8-11-49;----; Wis.	11 dams------	37	6,575	3.9	256
Sire, 43060; dam, 191502.	Difference---	(11-9-11)	+2,229	+.4	+118
Herd Owner, Harry R. Richardson, Spring Green.					
WHITPAIN FLASH MAN 70862 *13----------	12 daughters-	15	7,504	4.3	322
Born, 4-1-42; proved, 8-25-49; dead; Pa.	11 daughters-	14	7,614	4.3	327
Sire, 43060; dam, 134805.	11 dams------	56	8,460	4.3	365
Herd Owner, Floyd Rosiak, Nicholson.	Difference---	(4-6-2)	-846	.0	-38
WHITPAIN MAN O'WAR 62636 *11----------	25 daughters-	56	10,573	4.0	426
Born, 8-22-39; proved, 8-23-49;----; N. Y.	24 daughters-	55	10,579	4.0	427
Sire, 43060; dam, 127468.	24 dams------	142	10,414	3.8	398
Herd Owner, Marshall F. Cheesman, Ellenburg Depot.	Difference---	(13-21-14)	+165	+.2	+29

AYRSHIRE SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
WILLOWHAUGH SWANKY ROYAL, IMP. 68064 *12----------	14 daughters-	32	9,113	4.0	364
Born, 11-19-36; proved, 8-19-49;----: Kans.	13 daughters-	31	8,942	4.0	357
Sire, 45430; dam, 248027.	13 dams------	47	8,938	4.1	365
Herd Owner, G. Fred Williams, Hutchinson.	Difference---	(5-7-5)	+4	-.1	-8

BROWN SWISS SIRES

BOWERHOME SEPTANA RUDI 56644----------	7 daughters--	8	9,286	4.6	429
Born, 5-1-42; proved, 8-8-49;----; Ind.	7 dams-------	28	8,977	4.0	359
Sire, 25100; dam, 65788.	Difference---	(3-7-6)	+309	+.6	+70
Herd Owner, Phillips Farms, Muncie.					
CHIME'S HAPPY ECHO 45690----------	13 daughters-	13	7,415	4.1	301
Born, 5-24-39; proved, 8-26-49;----; Iowa.	8 daughters--	8	7,653	4.1	313
Sire, 31758; dam, 75686.	8 dams-------	8	9,022	3.8	341
Herd Owner, H. G. Trousdale & Sons, Alden.	Difference---	(3-8-3)	-1,369	+.3	-28
E. V. PERFECT BOY 61737----------	5 daughters--	5	8,485	4.0	336
Born, 11-20-42; proved, 8-23-49;----; Mass.	5 dams-------	20	9,541	4.2	399
Sire, 40079; dam, 58224.	Difference---	(2-1-1)	-1,056	-.2	-63
Herd Owner, Eldroot Farm, Inc., Uxbridge.					
GAIL'S ROYAL OF LEE'S HILL 42947 *12----------	37 daughters-	52	12,185	4.0	488
Born, 12-29-38; proved, 8-25-49;----; Ill.	34 daughters-	48	12,176	4.0	487
Sire, 28594; dam, 53448.	34 dams------	121	11,031	4.1	448
Herd Owner, Dan Gentes & Sons, Sibley.	Difference---	(22-17-22)	+1,145	-.1	+39
JUDD'S BRIDGE HARKNESS 59451----------	5 daughters--	5	8,788	4.2	368
Born, 4-4-43; proved, 8-3-49;----; Wis.	5 dams-------	13	10,984	4.0	443
Sire, 48672; dam, 66265.	Difference---	(1-4-1)	-2,196	+.2	-75
Herd Owner, John Ingold Estate, Monroe.					
LADY VIOLET'S WALLACE OF ELLERSLIE 39443----------	9 daughters--	12	9,992	4.1	412
Born, 12-2-37; proved, 8-22-49; dead; Minn.	8 daughters--	10	10,120	4.1	415
Sire, 24084; dam, 42795.	8 dams-------	25	10,819	3.9	419
Herd Owner, Andrew Beste, Osakis.	Difference---	(3-6-3)	-699	+.2	-4
LAURETTA'S BARBETTE J. B. 44389 *12----------	15 daughters-	32	13,573	4.2	576
Born, 10-4-39; proved, 8-24-49; dead; Oreg.	15 dams------	46	11,794	3.9	454
Sire, 34504; dam, 36780.	Difference---	(11-14-12)	+1,779	+.3	+122
Herd Owner, Albert Meier & Son, Beaverton.					
LOUISE BARON'S KEEPER J. B. 42940 *12----------	19 daughters-	39	10,983	4.0	434
Born, 11-10-38; proved, 8-8-49; dead; Ill.	17 daughters-	35	11,048	3.9	435
Sire, 31653; dam, 38782.	17 dams------	67	11,247	3.7	421
Herd Owner, Baker & Sleeter, Urbana.	Difference---	(6-13-9)	-199	+.2	+14
MAGGIE'S BARON J. B. 42939 *12----------	18 daughters-	26	8,924	4.3	379
Born, 11-4-38; proved, 8-8-49; dead; Conn.	11 daughters-	17	8,674	4.3	370
Sire, 34504; dam, 48149.	11 dams------	39	8,961	4.2	375
Herd Owner, George C. Dudley, Litchfield.	Difference---	(5-6-5)	-287	+.1	-5
MAPLE KNOLL HIGH TIDE 56636----------	7 daughters--	9	9,797	4.4	428
Born, 1-20-42; proved, 8-5-49;----; Ill.	7 dams-------	28	9,805	4.3	418
Sire, 34480; dam, 73938.	Difference---	(3-4-4)	-8	+.1	+10
Herd Owner, Edwin E. Keim, Mount Carroll.					
MARQUIS OF LEE'S HILL 45418 *11----------	20 daughters-	47	7,286	3.9	283
Born, 10-11-39; proved, 8-25-49; dead; N. Y.	18 daughters-	45	7,420	3.9	288
Sire, 37897; dam, 65979.	18 dams------	50	6,447	4.0	257
Herd Owner, Leslie A. Welch, West Winfield.	Difference---	(12-7-12)	+973	-.1	+31
MATADOR LUCKY OF SHERMANHURST 41402 *12----------	18 daughters-	29	7,986	4.2	332
Born, 3-26-38; proved, 8-9-49; dead; Iowa.	13 daughters-	21	7,827	4.1	323
Sire, 29687; dam, 41162.	13 dams------	34	9,935	3.9	385
Herd Owner, Elso Groote, Grundy Center.	Difference---	(2-10-4)	-2,108	+.2	-62
NACKERS COLLEGE ROYAL 43890 *12----------	18 daughters-	40	9,049	4.4	401
Born, 3-10-39; proved, 8-26-49; dead; Ill.	16 daughters-	36	9,034	4.5	405
Sire, 31101; dam, 46611.	16 dams------	72	8,371	4.3	357
Herd Owner, Edwin E. Keim, Mount Carroll.	Difference---	(8-11-10)	+663	+.2	+48
ONWARD 42600 *12----------	25 daughters-	43	10,088	4.3	430
Born, 10-28-38; proved, 8-5-49; alive; Ohio.	17 daughters-	27	10,465	4.3	450
Sire, 32960; dam, 45312.	17 dams------	52	11,157	3.9	437
Herd Owner, J. L. Primmer, Arcanum.	Difference---	(8-14-9)	-692	+.4	+13
PHEIFER LEE V. S. 45512 *12----------	13 daughters-	41	10,239	4.3	436
Born, 4-3-39; proved, 8-25-49; dead; Mich.	9 daughters--	28	10,376	4.0	420
Sire, 34432; dam, 48435.	9 dams-------	22	8,694	3.7	321
Herd Owner, Herman Liniger, Clio.	Difference---	(8-9-8)	+1,682	+.3	+99

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PRIVET'S COLUMBUS OF LEE'S HILL 42946----------	23 daughters-	37	12,105	4.1	499
Born, 10-10-38; proved, 8-23-49;----; Ohio.	6 daughters--	9	11,643	4.3	495
Sire, 28594; dam, 36503.	6 dams-------	18	10,021	4.1	414
Herd Owner, Daniel Kekic, Cleveland.	Difference---	(5-4-5)	+1,622	+.2	+81
ROSIE'S LAD OF C. M. 43762 *12----------	19 daughters-	46	12,335	4.0	499
Born, 1-19-39; proved, 8-12-49;----; Wis.	17 daughters-	40	12,612	4.0	509
Sire, 36647; dam, 41643.	17 dams------	77	10,778	3.9	425
Herd Owner, Blackhawk Farm, Beloit.	Difference---	(14-13-16)	+1,834	+.1	+84
ROYAL'S CARL 46304 *13----------	19 daughters-	32	8,250	3.9	323
Born, 11-21-39; proved, 8-29-49; dead; Iowa.	12 daughters-	23	7,977	3.9	311
Sire, 38631; dam, 79967.	12 dams------	56	7,837	4.0	317
Herd Owner, Charles Lange & Sons, Alden.	Difference---	(5-4-5)	+140	-.1	-6
SPIKE JONES OF MEADOW GREEN 59693----------	7 daughters--	7	9,080	3.8	348
Born, 10-15-42; proved, 8-29-49;----; Wis.	7 dams-------	25	9,432	4.0	377
Sire, 46931; dam, 71787.	Difference---	(3-2-2)	-352	-.2	-29
Herd Owner, Edna Schmid, Monroe.					
WALHALLA GALLANT BARON 41659 *12----------	16 daughters-	24	10,046	4.1	408
Born, 2-7-38; proved, 8-3-49; dead; Ohio.	7 daughters--	11	9,472	4.1	388
Sire, 17460; dam, 57853.	7 dams-------	8	10,387	3.9	400
Herd Owner, Frank Riff, Waynesfield.	Difference---	(2-5-4)	-915	+.2	-12
WONDER B. OF AVON VIEW 60086----------	6 daughters--	6	10,911	3.9	424
Born, 5-16-43; proved, 8-8-49;----; Mich.	6 dams-------	13	11,357	3.8	429
Sire, 31781; dam, 82922.	Difference---	(1-4-1)	-446	+.1	-5
Herd Owner, Gotfredson Farms, Grass Lake.					

GUERNSEY SIRES

ALDRICH FARM GLADIATOR 246740----------	11 daughters-	22	8,704	4.7	407
Born, 1-8-37; proved, 8-10-49;----; Mass.	7 daughters--	15	8,763	4.6	402
Sire, 219604; dam, 384941.	7 dams-------	19	7,184	4.7	338
Herd Owner, William J. R. Totman, Stoughton.	Difference---	(6-3-6)	+1,579	-.1	+64
ASHLEIGH'S BEAU 328260----------	12 daughters-	14	5,438	4.7	255
Born, 12-26-42; proved, 8-2-49;----; Pa.	9 daughters--	11	5,777	4.7	273
Sire, 288720; dam, 673860.	9 dams-------	32	6,707	4.6	309
Herd Owner, Robert L. Myers, York.	Difference---	(2-6-2)	-930	+.1	-36
BEACON HILL CHANCELLOR 306982 *13----------	11 daughters-	16	8,178	5.2	422
Born, 7-25-41; proved, 8-23-49;----; Wis.	10 daughters-	15	8,283	5.2	427
Sire, 287273; dam, 584273.	10 dams------	38	7,571	5.2	395
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).	Difference---	(8-5-7)	+712	.0	+32
BECKY'S EDWARD 335040----------	8 daughters--	11	7,727	4.9	381
Born, 5-5-42; proved, 8-3-49;----; Va.	8 dams-------	37	7,820	5.0	393
Sire, 197798; dam, 403924.	Difference---	(3-5-3)	-93	-.1	-12
Herd Owner, Whippernock Farm, Sutherland.					
BEULAH'S ULTRA PRINCE 272925----------	10 daughters-	11	6,256	4.8	299
Born, 3-22-39; proved, 8-4-49; dead; Ohio.	7 daughters--	8	6,019	4.7	285
Sire, 253779; dam, 459388.	7 dams-------	11	7,852	4.7	366
Herd Owner, E. A. Mizer, Cadiz.	Difference---	(1-5-1)	-1,833	.0	-81
BOBE OF MT. PLEASANT 307221----------	6 daughters--	8	8,748	4.4	387
Born, 8-20-41; proved, 8-4-49;----; Ind.	5 daughters--	6	8,744	4.5	391
Sire, 278117; dam, 394088.	5 dams-------	8	8,601	4.9	425
Herd Owner, George Gunter & C. M. Hannewyk, New Carlisle.	Difference---	(4-0-1)	+143	-.4	-34
BOULDER BRIDGE BAILIFF 324932----------	7 daughters--	7	7,437	4.5	335
Born, 7-6-42; proved, 8-9-49;----; Wis.	7 dams-------	29	7,164	5.0	355
Sire, 235690; dam, 580929.	Difference---	(5-1-1)	+273	-.5	-20
Herd Owner, Sunny Lea Farm, Oconomowoc.					
BOULDER BRIDGE CANDIDATE 300758 *13----------	17 daughters-	26	8,164	5.0	412
Born, 11-15-40; proved, 8-26-49;----; Minn.	15 daughters-	23	8,144	5.1	411
Sire, 259502; dam, 511026.	15 dams------	61	7,363	4.8	354
Herd Owner, Francis Clinton, Watkins.	Difference---	(11-12-12)	+781	+.3	+57
BOULDER BRIDGE PRINCE CHARMING 265768----------	5 daughters--	7	6,714	4.3	286
Born, 2-4-38; proved, 8-29-49;----; Minn.	5 dams-------	13	7,912	4.5	355
Sire, 189172; dam, 477993.	Difference---	(1-3-0)	-1,198	-.2	-69
Herd Owner, Ellen S. Wittwer & Son, Redwood Falls.					
BUTTERFAT KING OF MOUNT FAIR 307797----------	5 daughters--	5	9,767	4.4	430
Born, 4-13-41; proved, 8-5-49;----; Conn.	5 dams-------	7	8,080	4.5	360
Sire, 218621; dam, 536930.	Difference---	(4-2-4)	+1,687	-.1	+70
Herd Owner, Mount Fair Farm, Watertown.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
CATHEDRAL PATHFINDER 292907----------	8 daughters--	11	6,576	4.7	308
Born, 9-21-40; proved, 8-2-49;----; Wis.	6 daughters--	9	6,762	4.6	308
Sire, 219344; dam, 521101.	6 dams-------	21	6,838	5.0	340
Herd Owner, Moraine Guernsey Farm, West Bend.	Difference---	(3-1-2)	-76	-.4	-32
CATHEDRAL SAN GABRIEL'S MONARCH 261581----------	13 daughters-	22	6,478	4.1	266
Born, 6-13-38; proved, 8-24-49;----; N. Y.	9 daughters--	16	6,655	4.1	275
Sire, 219482; dam, 368253.	9 dams-------	21	7,732	4.6	353
Herd Owner, Jared Van Wagenen, Lawyersville.	Difference---	(3-3-1)	-1,077	-.5	-78
CAUMSETT ROYAL DUKE 314163----------	7 daughters--	13	8,478	4.7	403
Born, 9-6-41; proved, 8-23-49;----; Mich.	5 daughters--	8	8,149	4.8	395
Sire, 246910; dam, 563468.	5 dams-------	12	7,485	5.1	379
Used in Inter-Co. A. B. A., Ill.	Difference---	(3-2-2)	+664	-.3	+16
CHUCKANUT VALMEAD 318016----------	12 daughters-	19	8,282	5.1	425
Born, 1-24-42; proved, 8-16-49;----; Oreg.	8 daughters--	13	8,567	5.0	432
Sire, 296176; dam, 579741.	8 dams-------	15	8,343	5.1	424
Herd Owner, Staehley Brothers, Oregon City.	Difference---	(3-3-5)	+224	-.1	+8
CLAY HILL BELL BOY 299893----------	11 daughters-	15	8,855	4.6	404
Born, 11-12-40; proved, 8-5-49;----; Mich.	5 daughters--	6	8,300	4.7	388
Sire, 277378; dam, 550078.	5 dams-------	10	7,701	4.9	377
Herd Owner, Clare Staffen, Howard City.	Difference---	(3-1-3)	+599	-.2	+11
CLERMONT KING CARROL 351233----------	6 daughters--	6	6,963	4.9	341
Born, 12-25-42; proved, 8-12-49; dead; Minn.	6 dams-------	24	7,150	4.7	337
Sire, 284597; dam, 751510.	Difference---	(4-3-4)	-187	+.2	+4
Herd Owner, T. E. Selness & Sons, Mabel.					
COLDSPRING'S ROMULUS NOBLE 320844----------	7 daughters--	8	8,520	4.8	410
Born, 3-9-42; proved, 8-10-49;----; Pa.	6 daughters--	6	8,042	4.9	393
Sire, 227598; dam, 620271.	6 dams-------	16	8,684	5.0	438
Herd Owner, V. S. & F. M. Shelley, Perkasie.	Difference---	(3-2-3)	-642	-.1	-45
CONOCOCHEAGUE WATCHMAN 298595----------	5 daughters--	7	6,635	4.8	321
Born, 8-12-40; proved, 8-11-49;----; Pa.	5 dams-------	20	7,155	5.0	358
Sire, 220792; dam, 307127.	Difference---	(2-2-2)	-520	-.2	-37
Herd Owner, Wilson Sisters, Richmond Furnace.					
CONTI OF THORN HILL 250621----------	20 daughters-	32	8,512	4.9	415
Born, 5-2-37; proved, 8-25-49;----; Ill.	13 daughters-	18	8,203	5.0	406
Sire, 193578; dam, 327692.	13 dams------	32	7,607	5.0	383
Herd Owner, Herman's Farm, Antioch.	Difference---	(8-7-7)	+596	.0	+23
CRESCENT'S PHYLLISTER LAD 305155----------	10 daughters-	14	8,566	4.6	396
Born, 1-16-40; proved, 8-3-49; alive; Wash.	5 daughters--	8	8,555	4.6	397
Sire, 251892; dam, 413844.	5 dams-------	12	7,913	4.6	364
Herd Owner, G. Osborne Swales, Johnson.	Difference---	(3-3-4)	+642	.0	+33
DON'S MASTER OF FUTURE HOPE 280203----------	7 daughters--	11	5,913	4.9	287
Born, 12-23-38; proved, 8-24-49;----; Wis.	7 dams-------	16	9,191	4.8	443
Sire, 248348; dam, 518579.	Difference---	(0-2-0)	-3,278	+.1	-156
Herd Owner, Charles J. Luebke, Manitowoc.					
ELM FARM INDEPENDENT 321462----------	6 daughters--	10	8,781	5.6	495
Born, 12-10-40; proved, 8-2-49; alive; Mich.	6 dams-------	23	8,538	5.2	448
Sire, 203591; dam, 574530.	Difference---	(4-6-4)	+243	+.4	+47
Used in Dairy Genetics Co., Inc., Iowa (A. B. A.).					
ELMSTEAD BAB'S FOREMOST 344131----------	9 daughters--	9	7,712	4.8	371
Born, 12-16-42; proved, 8-23-49;----; Vt.	9 dams-------	32	8,463	4.7	398
Sire, 227028; dam, 375769.	Difference---	(2-6-3)	-751	+.1	-27
Herd Owner, Alfred W. Kingsbury, Cavendish.					
ETH-MEAD MAY QUEEN'S MONARCH 283193----------	12 daughters-	19	8,346	4.6	381
Born, 7-8-39; proved, 8-24-49;----; Minn.	6 daughters--	11	9,526	4.5	432
Sire, 250038; dam, 409586.	6 dams-------	15	9,837	4.6	449
Herd Owner, Roy Stellar, Excelsior.	Difference---	(3-3-2)	-311	-.1	-17
FASHION'S LADDIE BOY 287776----------	6 daughters--	6	6,507	4.8	309
Born, 12-24-39; proved, 8-2-49;----; Wis.	6 dams-------	8	6,026	5.1	306
Sire, 250219; dam, 448353.	Difference---	(4-2-3)	+481	-.3	+3
Herd Owner, Arthur P. Bean, Vesper.					
FLORENCE'S JUMBO OF HOP YARD 252172----------	5 daughters--	5	7,420	4.9	366
Born, 9-20-36; proved, 8-2-49; dead; Md.	5 dams-------	16	7,956	5.1	403
Sire, 184974; dam, 141417.	Difference---	(2-2-1)	-536	-.2	-37
Herd Owner, Nauneg Manor Farm, Monkton.					
FOREMOST MONITOR 245208----------	7 daughters--	10	7,806	4.8	374
Born, 12-6-36; proved, 8-8-49; dead; Ohio.	6 daughters--	9	8,205	4.7	387
Sire, 146509; dam, 406493.	6 dams-------	7	7,475	4.5	337
Herd Owner, Hanna Coal Co. Duncanwood.	Difference---	(4-3-4)	+730	+.2	+50

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FOREMOST PARAGON 305438----------	6 daughters--	10	6,182	4.6-	284
Born, 4-11-41; proved, 8-2-49;----; Wis.	6 dams-------	15	7,059	4.6	327
Sire, 254678; dam, 468074.	Difference---	(2-2-2)	-877	.0	-43
Herd Owner, Archie D. Jenkins, North Prairie.					
FRANCHESTER MEADOW PRINCE 250198----------	11 daughters-	18	8,466	4.7	399
Born, 1-8-37; proved, 8-8-49;----; Ohio.	5 daughters--	7	7,663	4.8	366
Sire, 200586; dam, 248794.	5 dams-------	6	8,504	4.7	400
Used in Northern Ohio Co-op. A. B. A.	Difference---	(1-4-1)	-841	+.1	-34
FRIENDSHIP RENOWN GREGORY 313175 *13----------	10 daughters-	16	7,850	4.9	382
Born, 6-26-41; proved, 8-29-49; dead; Pa.	10 dams------	41	8,684	5.0	432
Sire, 284533; dam, 600832.	Difference---	(3-5-2)	-834	-.1	-50
Herd Owner, C. Wayne Keener, Carmichaels.					
GABRIEL'S JUDGE 324757----------	5 daughters--	5	7,674	5.0	381
Born, 8-10-42; proved, 8-11-49;----; Md.	5 dams-------	16	6,119	4.8	294
Sire, 237500; dam, 461557.	Difference---	(5-4-5)	+1,555	+.2	+87
Herd Owner, Edward H. Burke, Reisterstown.					
GALAX OF HOP YARD 258109----------	8 daughters--	8	8,786	5.3	467
Born, 10-3-37; proved, 8-5-49;----; Va.	5 daughters--	5	8,934	5.4	480
Sire, 238891; dam, 493033.	5 dams-------	6	7,917	5.0	400
Herd Owner, John R. Alrich, Spotsylvania.	Difference---	(4-4-4)	+1,017	+.4	+80
GALORE'S SLOGAN OF HAGERMAN 250764----------	10 daughters-	16	8,628	4.4	379
Born, 4-21-37; proved, 8-9-49; dead; Idaho.	6 daughters--	12	8,736	4.3	377
Sire, 203819; dam, 340134.	6 dams-------	16	8,479	4.7	402
Herd Owner, Carl Harder, Buhl.	Difference---	(4-1-4)	+257	-.4	-25
GEN. MACARTHUR OF ALDER-DELL 338180----------	8 daughters--	11	6,626	5.1	335
Born, 2-27-42; proved, 8-9-49;----; Oreg.	5 daughters--	5	6,943	4.9	343
Sire, 266546; dam, 654050.	5 dams-------	7	8,862	4.4	389
Herd Owner, E. J. Burnworth, Philomath.	Difference---	(0-5-1)	-1,919	+.5	-46
GLENBOY OF MAPLE SHADE 319526----------	7 daughters--	8	6,293	4.5	286
Born, 7-24-41; proved, 8-16-49;----; Pa.	7 dams-------	24	6,917	4.5	313
Sire, 202564; dam, 417424.	Difference---	(3-3-3)	-624	.0	-27
Herd Owner, Rose Murren, Hanover.					
GLENBURNIE BETSON 262347----------	6 daughters--	13	5,791	4.8	276
Born, 7-31-36; proved, 8-3-49; dead; N. J.	5 daughters--	10	5,447	4.8	263
Sire, 207050; dam, 419418.	5 dams-------	11	6,601	4.5	297
Herd Owner, Frank Schubert, Pennington.	Difference---	(0-3-1)	-1,154	+.3	-34
GOLDEN STEADFAST 224508 *9----------	23 daughters-	42	9,629	4.8	463
Born, 6-24-34; proved, 8-5-49; dead; Md.	22 daughters-	39	9,711	4.9	467
Sire, 136264; dam, 180800.	22 dams------	94	8,877	4.8	422
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(16-14-16)	+834	+.1	+45
GORDONDALE BELL BUOY 323252----------	10 daughters-	17	6,041	5.0	299
Born, 12-20-41; proved, 8-8-49;----; Wis.	6 daughters--	9	6,306	5.0	314
Sire, 264695; dam, 493181.	6 dams-------	14	6,509	4.6	300
Herd Owner, A. J. Malin, Genoa.	Difference---	(3-5-5)	-203	+.4	+14
GORDONDALE ELSIR 305634 *13----------	15 daughters-	27	7,071	5.0	354
Born, 2-17-41; proved, 8-31-49;----; Wis.	12 daughters-	21	6,999	4.9	346
Sire, 264695; dam, 348032.	12 dams------	53	7,246	5.0	363
Herd Owner, George S. Gilbertson, Manitowoc.	Difference---	(6-7-5)	-247	-.1	-17
GRACE'S PRINCE OF WHITE HALL 292150----------	7 daughters--	7	6,732	4.3	290
Born, 7-10-40; proved, 8-5-49;----; Pa.	6 daughters--	6	6,473	4.4	285
Sire, 237172; dam, 342953.	6 dams-------	12	8,108	4.4	360
Herd Owner, George E. Ommert, Mercersburg.	Difference---	(1-3-1)	-1,635	.0	-75
GRANDEE'S NAUGHTY MATCHER 312570----------	7 daughters--	13	7,210	5.0	363
Born, 11-13-41; proved, 8-29-49;----; Wis.	6 daughters--	11	7,395	5.0	370
Sire, 290859; dam, 678605.	6 dams-------	15	7,292	4.8	349
Herd Owner, Konrad Rohrer, Nashotah.	Difference---	(3-3-3)	+103	+.2	+21
GREEN MEADS KING DON 320501 *13----------	16 daughters-	23	8,871	4.6	405
Born, 10-10-41; proved, 8-26-49;----; Minn.	11 daughters-	16	9,566	4.6	437
Sire, 288158; dam, 501586.	11 dams------	34	9,253	4.5	419
Herd Owner, Boulder Bridge Farm, Excelsior.	Difference---	(7-7-8)	+313	+.1	+18
GREYHOLME VALIANT JASON 264227----------	5 daughters--	7	5,958	5.2	309
Born, 3-25-38; proved, 8-3-49;----; Conn.	5 dams-------	13	9,467	5.0	475
Sire, 329532; dam, 329134.	Difference---	(1-2-1)	-3,509	+.2	-166
Herd Owner, Howard E. Peck, Old Mystic.					
GWYNLLAN PEER 284436----------	8 daughters--	8	7,308	4.8	350
Born, 11-16-39; proved, 8-24-49;----; Pa.	7 daughters--	7	7,228	4.7	342
Sire, 225135; dam, 447446.	7 dams-------	14	8,255	5.1	420
Herd Owner, R. J. Walsh, Perkasie.	Difference---	(2-3-2)	-1,027	-.4	-78

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Per cent	Pounds
HANSENAREA WIZY 244810	8 daughters--	12	6,928	4.1	283
Born, 7-28-36; proved, 8-24-49;----; N. Y.	6 daughters--	10	6,429	4.1	264
Sire, 164299; dam, 296028.	6 dams-------	[illegible]	8,559	4.4	379
Herd Owner, Jared Van Wagenen, Lawyersville.	Difference---	(1-2-0)	-2,120	-.3	-115
HAPPYHOLME NANCY'S DEFIANCE 330287	10 daughters-	12	9,074	4.9	440
Born, 9-3-42; proved, 8-2-49; alive; Calif.	7 daughters--	7	9,170	5.0	457
Sire, 205861; dam, 524169.	7 dams-------	25	8,771	5.0	440
Herd Owner, W. M. Breazeale, Modesto.	Difference---	(4-4-4)	+399	.0	+17
HIGHLAND VALE'S HUNTER 320123	6 daughters--	10	7,427	5.2	385
Born, 11-21-41; proved, 8-5-49; dead; Pa.	6 dams-------	41	7,360	5.5	402
Sire, 268674; dam, 528384.	Difference---	(4-1-3)	+67	-.3	-17
Herd Owner, C. A. & David C. Wagner, New Bethlehem.					
HIGH VALLEY JOE 300261	8 daughters--	13	8,782	4.8	418
Born, 11-29-40; proved, 8-4-49;----; Oreg.	6 daughters--	9	8,990	4.7	422
Sire, 238887; dam, 457638.	6 dams-------	8	8,242	4.6	377
Herd Owner, Edwin Ridder, Sherwood.	Difference---	(5-3-5)	+748	+.1	+45
HOLLY FARM BARON 238423	5 daughters--	6	8,009	4.9	392
Born, 11-6-35; proved, 8-4-49;----; Conn.	5 dams-------	15	8,267	5.1	418
Sire, 214339; dam, 397173.	Difference---	(2-1-2)	-258	-.2	-26
Herd Owner, Tudor F. Holcomb, West Granby.					
HOPEWELL PRIMROSE NOBLE 279854	12 daughters-	15	9,449	4.6	432
Born, 6-3-39; proved, 8-19-49;----; Wis.	6 daughters--	7	10,289	4.7	481
Sire, 245220; dam, 464963.	6 dams-------	8	9,737	4.3	415
Used in Wis. Scientific Breeding Institute (A. B. A.).	Difference---	(4-5-4)	+552	+.4	+66
IDEAL COLIN 316191	6 daughters--	7	8,119	4.8	388
Born, 3-3-42; proved, 8-4-49; dead; Pa.	6 dams-------	24	8,008	4.8	385
Sire, 250886; dam, 405132.	Difference---	(4-3-4)	+111	.0	+3
Herd Owner, Ideal Farms, Kane.					
IDYLBROOK HIGHFLIER 347476	5 daughters--	5	6,922	5.2	362
Born, 8-7-43; proved, 8-11-49;----; N. Y.	5 dams-------	13	7,524	5.1	382
Sire, 289248; dam, 468548.	Difference---	(3-2-3)	-602	+.1	-19
Herd Owner, Harold C. Tripp, Dryden.					
IWANTA FRENCHY 325463	10 daughters-	21	8,716	4.7	408
Born, 9-24-41; proved, 8-5-49;----; Iowa.	8 daughters--	16	8,883	4.7	413
Sire, 274207; dam, 536482.	8 dams-------	28	8,148	4.8	393
Herd Owner, E. F. Rouse, Ayrshire.	Difference---	(5-4-5)	+735	-.1	+20
JERRY OF SULPHUR SPRINGS 321440	5 daughters--	8	7,085	4.8	337
Born, 3-15-42; proved, 8-24-49;----; Wis.	5 dams-------	15	7,043	4.6	326
Sire, 279600; dam, 565742.	Difference---	(2-3-4)	+42	+.2	+11
Herd Owner, Martin J. Weirich, Baraboo.					
KENFLEUR'S BRIGHT HARLOW 290267	9 daughters--	14	7,782	4.5	348
Born, 11-19-39; proved, 8-5-49; dead; Pa.	5 daughters--	7	7,188	4.6	329
Sire, 251754; dam, 477958.	5 dams-------	10	7,128	5.0	354
Herd Owner, W. Lee Cowden, McDonald.	Difference---	(2-1-2)	+60	-.4	-25
KENFLEUR'S KING FERDINAND 294113	7 daughters--	10	7,678	5.0	385
Born, 10-30-40; proved, 8-2-49;----; Ind.	5 daughters--	8	7,507	5.1	383
Sire, 269363; dam, 601843.	5 dams-------	9	7,663	5.6	431
Herd Owner, Frank Hubenthal, Lucerne.	Difference---	(3-1-1)	-156	-.5	-48
KENFLEUR'S KING GEORGE 231663	15 daughters-	20	9,854	4.7	464
Born, 8-9-35; proved, 8-23-49;----; Ind.	8 daughters--	9	10,084	4.5	456
Sire, 167470; dam, 257198.	8 dams-------	12	8,932	4.7	420
Herd Owner, Alta Artman & Fred Siess, Lebanon.	Difference---	(6-2-6)	+1,152	-.2	+36
KING HILL ALONZO 249138	5 daughters--	5	7,535	5.2	391
Born, 10-24-35; proved, 8-11-49;----; Mo.	5 dams-------	14	7,552	4.8	360
Sire, 191962; dam, 446796.	Difference---	(2-4-3)	-17	+.4	+31
Herd Owner, William G. Knorpp, Vineland.					
KING'S WARRIOR OF OAK HALL 304697	7 daughters--	9	7,313	4.4	325
Born, 2-25-41; proved, 8-29-49;----; Mo.	6 daughters--	8	7,283	4.5	327
Sire, 215886; dam, 363512.	6 dams-------	17	7,634	4.6	352
Herd Owner, Walter J. Schmitt, Springfield.	Difference---	(2-3-1)	-351	-.1	-25
KINNEY'S JUPITER 278962	9 daughters--	10	5,933	5.3	316
Born, 1-10-39; proved, 8-23-49;----; Ohio.	5 daughters--	6	6,507	5.2	341
Sire, 227457; dam, 502983.	5 dams-------	8	7,248	5.0	360
Herd Owner, Walter H. Caldwell, St. Clairsville.	Difference---	(3-2-3)	-741	+.2	-19
KLONDIKE KONOVER 315130	9 daughters--	10	8,281	[illegible]	425
Born, 12-1-41; proved, 8-16-49;----; Va.	9 dams-------	36	7,436	4.8	[illegible]
Sire, 193529; dam, 399223.	Difference---	(7-8-8)	+845	+.	[illegible]
Herd Owner, T. E. Tabor, Newbern.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LAD'S REX WANDERER 305413 *13----------	15 daughters-	19	8,747	4.8	418
Born, 3-5-41; proved, 8-24-49; dead; Iowa.	13 daughters-	17	8,902	4.7	420
Sire, 274003; dam, 497002.	13 dams------	31	9,474	4.5	429
Herd Owner, Paul & Ercel Palm, Fairfield.	Difference---	(5-12-6)	-572	+.2	-9
LA NOCE'S WINDJAMMER 294873----------	13 daughters-	14	8,066	5.1	414
Born, 7-10-40; proved, 8-19-49;----; Pa.	6 daughters--	6	8,608	5.2	447
Sire, 199095; dam, 474409.	6 dams-------	13	8,806	4.6	403
Used in Nepa Co-op. A. B. A.	Difference---	(3-5-3)	-198	+.6	+44
LINCOLN MAJESTIC 319548----------	6 daughters--	6	7,397	4.7	345
Born, 5-25-42; proved, 8-8-49;----; Conn.	6 dams-------	16	6,893	4.7	327
Sire, 204658; dam, 451465.	Difference---	(5-3-5)	+504	.0	+18
Herd Owner, The Lyman Farm, Middlefield.					
LISETER ROYAL MENTOR 306554----------	10 daughters-	10	6,245	4.6	289
Born, 2-19-41; proved, 8-8-49;----; S. Dak.	5 daughters--	5	6,036	4.7	281
Sire, 208412; dam, 517882.	5 dams-------	11	6,739	4.8	324
Herd Owner, Mentor Farms, Volga.	Difference---	(1-2-1)	-703	-.1	-43
LOCUST LANE CAESAR 235722----------	8 daughters--	10	7,829	4.3	339
Born, 2-24-36; proved, 8-4-49;----; Pa.	6 daughters--	8	7,419	4.4	328
Sire, 219235; dam, 311836.	6 dams-------	6	8,733	4.2	369
Herd Owner, Clayton Dunham, Eagles Mere.	Difference---	(1-5-1)	-1,314	+.2	-41
LONGWOOD ORNAMENT 288661----------	5 daughters--	7	6,929	4.9	337
Born, 2-22-40; proved, 8-24-49;----; Pa.	5 dams-------	10	8,712	4.9	431
Sire, 215455; dam, 373893.	Difference---	(1-2-1)	-1,783	.0	-94
Herd Owner, Longwood Farms, Kennett Square.					
LUCILLE'S REX OF FOUR VIEW 307032 *13----------	11 daughters-	17	11,658	5.0	585
Born, 12-12-40; proved, 8-23-49; dead; Iowa.	8 daughters--	13	12,033	5.0	600
Sire, 212158; dam, 645858.	8 dams-------	22	11,033	4.7	520
Herd Owner, Carl Lueder, Fayette.	Difference---	(4-7-5)	+1,000	+.3	+80
MAGELLAN OF HOME HILL 239976----------	10 daughters-	24	6,068	4.5	275
Born, 10-20-35; proved, 8-5-49;----; Vt.	5 daughters--	13	7,327	4.6	336
Sire, 110686; dam, 297607.	5 dams-------	12	7,265	4.8	351
Herd Owner, Mrs. Russell N. Perkins, White River Junction.	Difference---	(2-3-2)	+62	-.2	-15
MAIZIE'S GOLDEN SHOW BOY 259422----------	7 daughters--	13	8,343	4.6	387
Born, 2-1-38; proved, 8-4-49;----; Wis.	5 daughters--	9	8,367	4.8	398
Sire, 227791; dam, 493966.	5 dams-------	13	7,474	4.5	336
Herd Owner, Leonard Cass, Ontario.	Difference---	(5-5-5)	+893	+.3	+62
MAPLE LAWN CAVALORE 255689----------	11 daughters-	22	7,684	4.8	369
Born, 8-29-37; proved, 8-5-49;----; Conn.	6 daughters--	15	8,494	4.9	419
Sire, 217365; dam, 292164.	6 dams-------	21	7,804	4.6	361
Herd Owner, Stone Acres Farm, Inc., Stonington.	Difference---	(5-5-5)	+690	+.3	+58
MAY'S DUKE OF BEN-TOWN 267599----------	8 daughters--	12	7,284	5.1	368
Born, 6-15-38; proved, 8-3-49; dead; Pa.	7 daughters--	11	7,631	5.1	389
Sire, 249499; dam, 430617.	7 dams-------	13	7,469	4.6	347
Herd Owner, C. H. Henrie, Millville.	Difference---	(5-7-6)	+162	+.5	+42
MCDONALD FARMS DESIGNER 267270----------	16 daughters-	52	9,001	4.8	428
Born, 8-10-38; proved, 8-9-49; alive; Pa.	11 daughters-	34	9,417	4.7	442
Sire, 212227; dam, 370944.	11 dams------	32	8,613	4.7	406
Herd Owner, Eli McHenry, Benton.	Difference---	(7-4-8)	+804	.0	+36
MCDONALD FARMS EVOLUTION 281276----------	12 daughters-	20	7,889	4.8	380
Born, 10-15-39; proved, 8-9-49; alive; Pa.	9 daughters--	13	7,778	4.8	377
Sire, 233983; dam, 557950.	9 dams-------	41	8,630	4.8	418
Herd Owner, Eli McHenry, Benton.	Difference---	(2-5-1)	-852	.0	-41
MCDONALD FARMS GOLD DUST 312696 *12----------	10 daughters-	18	7,263	4.9	359
Born, 2-17-41; proved, 8-23-49; dead; Maine.	10 dams------	52	7,891	5.0	398
Sire, 233983; dam, 539702.	Difference---	(5-5-4)	-628	-.1	-39
Herd Owner, University of Maine, Orono.					
MCDONALD FARMS GRANGER 303220 *12----------	20 daughters-	27	7,920	4.6	360
Born, 2-18-41; proved, 8-2-49; dead; Ariz.	17 daughters-	23	8,050	4.5	365
Sire, 276554; dam, 665297.	17 dams------	64	8,337	4.5	378
Herd Owner, Shamrock Dairy, Tucson.	Difference---	(7-10-9)	-287	.0	-13
MCDONALD FARMS HALFORD 323867----------	6 daughters--	8	8,803	4.7	411
Born, 3-14-42; proved, 8-3-49;----; Pa.	5 daughters--	6	8,509	4.7	402
Sire, 262514; dam, 465930.	5 dams-------	8	7,098	5.6	398
Herd Owner, E. H. Bailey & Sons, Oxford.	Difference---	(4-0-3)	+1,411	-.9	+4
MCDONALD FARMS HIS EXCELLENCE 334284----------	13 daughters-	14	8,907	4.9	438
Born, 11-2-42; proved, 8-18-49;----; Va.	8 daughters--	8	8,911	4.8	428
Sire, 212227; dam, 400536.	8 dams-------	17	8,700	4.8	414
Herd Owner, Daniel C. Sands, Middleburg.	Difference---	(4-3-4)	+211	.0	+14

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MCDONALD FARMS INSPIROR 349256----------	5 daughters--	5	9,213	5.0	463
Born, 3-5-43; proved, 8-3-49; alive; N. J.	5 dams-------	8	8,495	5.0	424
Sire, 262516; dam, 597136.	Difference---	(4-2-4)	+718	.0	+39
Herd Owner, George G. Aaronson, Columbus.					
MEADOW SPRINGS ROBERT DUNCAN 321841----------	7 daughters--	8	7,076	5.3	373
Born, 8-10-39; proved, 8-11-49;----; N. Y.	5 daughters--	5	7,074	5.4	381
Sire, 214099; dam, 215355.	5 dams-------	14	7,932	5.0	398
Herd Owner, F. Howard Slayton, Port Byron.	Difference---	(1-4-3)	-858	+.4	-17
MIDVIEW'S KING 296583----------	5 daughters--	5	7,909	5.2	411
Born, 9-3-40; proved, 8-2-49;----; Va.	5 dams-------	14	7,555	5.2	391
Sire, 159163; dam, 541829.	Difference---	(3-4-3)	+354	.0	+20
Herd Owner, A. Mistr & Sons, Richmond.					
MOBJACK VALOR 311707 *13----------	9 daughters--	14	6,920	4.5	312
Born, 5-7-41; proved, 8-22-49; dead; Va.	8 daughters--	12	7,055	4.6	321
Sire, 273046; dam, 544547.	8 dams-------	23	7,279	4.4	322
Herd Owner, Laurel Springs Dairy, Marion.	Difference---	(2-5-3)	-224	+.2	-1
MOON'S BLAISE LAD 283031----------	15 daughters-	22	9,296	5.0	464
Born, 12-19-39; proved, 8-4-49;----; Wis.	11 daughters-	15	9,307	5.1	470
Sire, 188086; dam, 464244.	11 dams------	35	8,774	5.1	447
Herd Owner, N. J. Moon, Jr., Oshkosh.	Difference---	(8-5-7)	+533	.0	+23
MT. ARARAT CRUSADER 343133----------	5 daughters--	6	6,966	5.5	382
Born, 11-19-43; proved, 8-2-49; dead; Md.	5 dams-------	13	7,784	4.7	365
Sire, 291728; dam, 514635.	Difference---	(1-4-2)	-818	+.8	+17
Herd Owner, Howard L. & Clara M. Metzger, Myersville.					
MURRAY'S SIR HARRIMAN 290518 *13----------	15 daughters-	35	10,111	4.9	493
Born, 7-19-40; proved, 8-23-49;----; Ill.	14 daughters-	34	10,316	4.8	500
Sire, 248697; dam, 530189.	14 dams------	70	8,205	5.1	419
Used in Inter-Co. A. B. A.	Difference---	(12-5-12)	+2,111	-.3	+81
NASHOBA MASCHCAPCA STEADFAST 253446----------	8 daughters--	22	8,063	4.6	374
Born, 2-2-37; proved, 8-8-49;----; Mass.	6 daughters--	15	7,581	4.7	355
Sire, 245498; dam, 508013.	6 dams-------	15	7,976	4.5	358
Herd Owner, William H. Bailey, Andover.	Difference---	(4-4-4)	-395	+.2	-3
NOREEN DICKIE 331314----------	5 daughters--	5	9,075	4.6	415
Born, 10-8-42; proved, 8-12-49;----; Pa.	5 dams-------	14	8,880	4.9	433
Sire, 284793; dam, 678180.	Difference---	(1-2-2)	+195	-.3	-18
Herd Owner, J. C. Mathias & Lash Brothers, West Newton.					
NORWAY GROVE PETER LAD 360544----------	5 daughters--	5	9,187	4.8	444
Born, 1-4-44; proved, 8-11-49;----; Wis.	5 dams-------	8	9,430	4.8	448
Sire, 312583; dam, 481616.	Difference---	(2-3-2)	-243	.0	-4
Herd Owner, Elmer J. Niles, Mauston.					
OLENTANGY PILGRIM 331635----------	7 daughters--	7	8,106	4.7	377
Born, 11-7-40; proved, 8-9-49;----; Ohio.	7 dams-------	16	8,731	4.7	409
Sire, 208112; dam, 182055.	Difference---	(3-4-4)	-625	.0	-32
Herd Owner, O. R. Reed & Son, Delaware.					
PINE MANOR KING'S ADMIRAL 319260----------	6 daughters--	13	7,347	4.9	359
Born, 6-7-41; proved, 8-3-49;----; Iowa.	5 daughters--	11	7,703	4.9	378
Sire, 250949; dam, 490592.	5 dams-------	7	7,193	4.8	345
Herd Owner, R. S. Kilpatrick & Jones, Woodward.	Difference---	(3-3-3)	+510	+.1	+33
PLANK ROAD FARM'S FEARLESS 297766----------	7 daughters--	13	6,494	4.9	319
Born, 12-8-40; proved, 8-5-49;----; Wis.	7 dams-------	25	6,674	4.7	316
Sire, 256064; dam, 576658.	Difference---	(4-6-4)	-180	+.2	+3
Herd Owner, Charles North, Burlington.					
PLAYHAVEN M. CHANNING 322484----------	10 daughters-	11	7,863	4.8	377
Born, 3-14-42; proved, 8-11-49;----; Pa.	10 dams------	38	8,292	4.8	396
Sire, 271077; dam, 526794.	Difference---	(4-6-3)	-429	.0	-19
Herd Owner, Earl Stewart & Son, Belle Vernon.					
PONITON INDEPENDENT 330140----------	5 daughters--	5	7,763	5.1	396
Born, 2-16-43; proved, 8-8-49; dead; Pa.	5 dams-------	18	7,819	5.1	395
Sire, 258696; dam, 372176.	Difference---	(2-4-2)	-56	.0	+1
Herd Owner, Harrison & Elizabeth Myers, Chalfont.					
QUAIL ROOST IDEAL FRANCIS 311474 *13----------	12 daughters-	20	6,535	5.0	325
Born, 4-4-41; proved, 8-29-49; dead; Va.	11 daughters-	18	6,194	5.0	312
Sire, 256205; dam, 599466.	11 dams------	36	7,073	4.9	344
Herd Owner, Summerdean Farm, Hollins.	Difference---	(2-7-3)	-879	+.1	-32
RAIDER'S CHERUB OF W. V. 284667----------	11 daughters-	19	7,835	4.7	365
Born, 10-1-39; proved, 8-23-49;----; Pa.	6 daughters--	7	7,937	4.7	376
Sire, 245487; dam, 507200.	6 dams-------	16	8,152	4.4	356
Herd Owner, Robert Hamilton & Sons, Washington.	Difference---	(3-5-4)	-215	+.3	+20

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RIDGLYDALE'S LONE RANGER 272476----------	5 daughters--	6	7,240	5.2	377
Born, 11-22-38; proved, 8-23-49;----; Ind.	5 dams-------	12	8,486	4.7	401
Sire, 243994; dam, 450923.	Difference---	(1-4-2)	-1,246	+.5	-24
Herd Owner, Dr. R. A. Craig, Kokomo.					
RIEGELDALE EMORY'S COUNT 321803 *13----------	16 daughters-	24	7,559	5.5	413
Born, 1-22-42; proved, 8-31-49;----; Md.	16 dams------	75	7,494	4.8	363
Sire, 254801; dam, 524131.	Difference---	(8-16-11)	+65	+.7	+50
Herd Owner, Laurance M. Buck, Baldwin.					
ROSEBUD'S BAYVILLE ILLUSTRIOUS 255289----------	6 daughters--	10	7,596	4.9	370
Born, 7-2-37; proved, 8-15-49;----; Va.	6 dams-------	14	7,141	5.1	362
Sire, 215832; dam, 449730.	Difference---	(4-3-3)	+455	-.2	+8
Herd Owner, Bayville Farms, Lynnhaven.					
ST. ALBANS KING'S QUE VIVE 309795----------	11 daughters-	21	8,208	5.0	412
Born, 7-3-41; proved, 8-29-49;----; Iowa.	10 daughters-	18	8,249	5.0	416
Sire, 196128; dam, 459178.	10 dams------	42	7,791	4.8	376
Herd Owner, Gilt Edge Dairy, Gilman.	Difference---	(5-8-8)	+458	+.2	+40
ST. JAMES PHILOSOPHER'S IRMAN 296808 *13----------	10 daughters-	15	8,550	4.7	404
Born, 10-14-40; proved, 8-24-49; dead; Iowa.	10 dams------	37	8,176	4.9	398
Sire, 187794; dam, 422998.	Difference---	(7-3-6)	+374	-.2	+6
Herd Owner, Arnold Pancratz, Jr., Dubuque.					
SAUGERTIES IMPERIOUS 305979 *12----------	14 daughters-	27	8,135	5.1	417
Born, 7-16-40; proved, 8-31-49;----; N. Y.	14 dams------	71	7,178	4.9	351
Sire, 218317; dam, 243366.	Difference---	(11-10-11)	+957	+.2	+66
Herd Owner, John H. Saxe, Kingston.					
SEDGLEY ALBERT'S DAUNTLESS 330376----------	6 daughters--	7	7,453	4.8	358
Born, 10-6-42; proved, 8-10-49;----; Wis.	6 dams-------	13	6,463	4.9	314
Sire, 271364; dam, 287947.	Difference---	(6-4-5)	+990	-.1	+44
Herd Owner, Theodore Welles, Rosendale.					
SHANTITUCK DAISY'S DON (TWIN) 273578----------	7 daughters--	11	8,633	5.0	430
Born, 12-24-38; proved, 8-4-49;----; Wis.	6 daughters--	10	8,432	5.1	428
Sire, 258560; dam, 285357.	6 dams-------	21	8,009	4.9	394
Herd Owner, John Giezendanner, Baron.	Difference---	(4-3-6)	+423	+.2	+34
SOUTH WIND BERNICE'S STAR 330696----------	5 daughters--	5	8,975	4.6	412
Born, 3-28-42; proved, 8-3-49;----; Ind.	5 dams-------	12	8,758	4.7	416
Sire, 281269; dam, 559242.	Difference---	(2-2-3)	+217	-.1	-4
Herd Owner, Peter B. Lehman, Decatur.					
SOVEREIGN'S PRINCE DARNLEY 319848----------	6 daughters--	17	8,844	4.7	417
Born, 9-4-40; proved, 8-9-49; dead; Va.	5 daughters--	14	9,015	4.7	422
Sire, 206528; dam, 519712.	5 dams-------	17	8,566	4.5	388
Used in Valley of Virginia Co-op. A. B. A., Inc.	Difference---	(2-3-4)	+449	+.2	+34
SPRING PASTURE METEOR POMPOUS 327550----------	7 daughters--	8	9,788	4.8	466
Born, 3-19-42; proved, 8-2-49;----; Ill.	6 daughters--	7	9,729	4.7	458
Sire, 264746; dam, 717388.	6 dams-------	12	9,305	4.4	410
Herd Owner, Howard D. Preston, Maroa.	Difference---	(4-6-4)	+424	+.3	+48
SQUALTKE WAIKIKI HITLER 292542----------	10 daughters-	21	8,226	5.0	411
Born, 1-30-39; proved, 8-3-49;----; Wash.	5 daughters--	10	8,798	5.2	454
Sire, 230809; dam, 536568.	5 dams-------	12	8,243	4.9	403
Herd Owner, Squaltke Guernsey Farm, Deer Park.	Difference---	(3-4-4)	+555	+.3	+51
STEELE HILL FOREMOST ATLAS 296999----------	6 daughters--	9	7,289	4.9	354
Born, 11-20-38; proved, 8-25-49;----; N. H.	6 dams-------	25	7,137	5.0	354
Sire, 233094; dam, 390531.	Difference---	(3-2-4)	+152	-.1	0
Herd Owner, Royal W. Smith, Laconia.					
STONECLIFF ADVENTURER 322535 *13----------	16 daughters-	29	8,402	4.6	389
Born, 2-14-40; proved, 8-29-49; dead; Vt.	16 dams------	76	8,659	4.6	397
Sire, 260622; dam, 557473.	Difference---	(7-9-8)	-257	.0	-8
Herd Owner, Roland S. Greeley, Springfield.					
SUNNYMEDE GOLD DUST 300038----------	11 daughters-	21	7,759	4.8	376
Born, 11-8-40; proved, 8-2-49; dead; Mo.	5 daughters--	8	8,451	4.8	402
Sire, 237079; dam, 520444.	5 dams-------	11	7,542	4.7	358
Herd Owner, John B. Schatz, Billings.	Difference---	(3-2-3)	+909	+.1	+44
THATCH MEADOW ROAMER 291405----------	15 daughters-	16	7,588	4.8	364
Born, 5-30-39; proved, 8-5-49;----; N. Mex.	8 daughters--	9	7,205	4.8	349
Sire, 221672; dam, 373523.	8 dams-------	19	8,018	4.5	358
Herd Owner, Albert G. Simms, Albuquerque.	Difference---	(1-7-4)	-813	+.3	-9
VICAR D. OF FARETTI'S FARM 311207----------	7 daughters--	8	7,707	4.9	380
Born, 8-4-41; proved, 8-22-49;----; Calif.	7 dams-------	24	7,253	4.6	331
Sire, 286590; dam, 618345.	Difference---	(4-6-6)	+454	+.3	+49
Used in California Dairy A. B. A., Inc.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WELCOME-IN CHUM'S NATE 332869----------	5 daughters--	5	7,814	5.0	390
Born, 11-7-41; proved, 8-11-49;----; Ohio.	5 dams-------	16	7,307	5.2	379
Sire, 287402; dam, 587211.	Difference---	(3-3-3)	+507	-.2	+11
Herd Owner, Charles W. Kuhn, Basil.					
WESTERN GLOW MAY'S ROYAL 298245 *11----------	23 daughters-	47	10,133	5.0	503
Born, 9-15-40; proved, 8-24-49;----; Wash.	17 daughters-	37	10,176	5.0	507
Sire, 274206; dam, 561090.	17 dams------	58	9,367	4.9	462
Herd Owner, Cecil White, Mt. Vernon.	Difference---	(13-9-12)	+809	+.1	+45
WETHERSFIELD REGENT 319153----------	7 daughters--	8	8,762	4.5	392
Born, 11-15-41; proved, 8-4-49;----; Pa.	7 dams-------	19	7,812	4.6	362
Sire, 215967; dam, 378390.	Difference---	(3-4-3)	+950	-.1	+30
Herd Owner, William G. Stuff, Mercersburg.					
WITCHWOOD BOWER 307195----------	17 daughters-	22	8,354	4.9	406
Born, 1-5-41; proved, 8-24-49;----; Pa.	9 daughters--	12	8,579	4.9	417
Sire, 262049; dam, 349049.	9 dams-------	30	8,709	4.8	422
Herd Owner, John M. Harding, Ivyland.	Difference---	(4-4-4)	-130	+.1	-5
WITCHWOOD COMET 329746----------	15 daughters-	15	8,827	5.5	484
Born, 3-25-42; proved, 8-15-49;----; Pa.	15 dams------	54	10,156	5.0	511
Sire, 270861; dam, 448521.	Difference---	(3-11-4)	-1,329	+.5	-27
Herd Owner, Philip W. Smith & Son, New Hope.					
WOLFPEN ADMIRAL 235496----------	17 daughters-	17	8,674	5.1	441
Born, 2-29-36; proved, 8-22-49;----; Pa.	16 daughters-	16	8,636	5.0	433
Sire, 212967; dam, 264809.	16 dams------	45	9,398	4.9	464
Herd Owner, Trustees of University of Pa., Philadelphia.	Difference---	(4-10-4)	-762	+.1	-31
WONDER'S PLAYBOY OF SMITHDALE 305180----------	10 daughters-	17	6,363	4.7	302
Born, 7-29-40; proved, 8-4-49; dead; Iowa.	7 daughters--	11	6,578	4.7	310
Sire, 243690; dam, 191469.	7 dams-------	23	8,445	4.6	392
Herd Owner, J. W. & Evelyn Rider, Corydon.	Difference---	(1-4-1)	-1,867	+.1	-82
WOODACRES ROYAL FOREMAN 320060----------	10 daughters-	13	7,013	4.8	340
Born, 1-28-42; proved, 8-19-49;----; Del.	6 daughters--	7	7,151	4.7	336
Sire, 214096; dam, 481818.	6 dams-------	11	7,934	4.4	351
Herd Owner, Foxden Farms, Newark.	Difference---	(2-5-4)	-783	+.3	-15
54-6634 (DHIA EARTAG)----------	14 daughters-	32	7,255	4.7	340
Born, ----; proved, 8-12-49; dead; W. Va.	7 daughters--	16	7,333	4.7	343
Sire, ----; dam, ----.	7 dams-------	18	8,728	4.4	383
Herd Owner, Fischer Brothers Dairy, Triadelphia.	Difference---	(1-5-1)	-1,395	+.3	-40

HOLSTEIN SIRES

ABEGWEIT IRON DUKE 825110 *12----------	15 daughters-	24	11,614	3.8	436
Born, 9-6-40; proved, 8-30-49;----; Mich.	11 daughters-	16	11,820	3.7	438
Sire, 121572 CHB; dam, 320415 CHB.	11 dams------	36	11,600	3.5	408
Herd Owner, Howard B. Olmstead, Bronson.	Difference---	(7-8-9)	+220	+.2	+30
ABEGWEIT PRECEPTOR 895343----------	10 daughters-	10	10,912	3.7	400
Born, 8-3-42; proved, 8-19-49; dead; Ohio.	10 dams------	38	12,687	3.7	468
Sire, 136946 CHB; dam, 471761 CHB.	Difference---	(2-5-1)	-1,775	.0	-68
Herd Owner, Denham Brothers, Lagrange.					
ABIE TRIUNE INKA BELLE 798678 *13----------	9 daughters--	18	12,344	3.6	441
Born, 1-5-40; proved, 8-26-49;----; Calif.	9 dams-------	57	12,662	3.6	459
Sire, 648038; dam, 1732291.	Difference---	(3-5-4)	-318	.0	-18
Herd Owner, Kidd Brothers, Modesto.					
ADAM FAYNE SEGIS 988539 *12----------	9 daughters--	21	8,080	3.5	285
Born, 8-5-38; proved, 8-10-49;----; Pa.	8 daughters--	18	8,082	3.6	291
Sire, 694448; dam, 1371603.	8 dams-------	27	10,621	3.4	358
Herd Owner, S. Paul Ritchey, Rea.	Difference---	(1-7-1)	-2,539	+.2	-67
ADMIRAL BURKE ORMSBY MERCEDES 816621----------	7 daughters--	10	12,973	3.2	410
Born, 11-17-40; proved, 8-4-49;----; Wis.	5 daughters--	7	13,423	3.2	426
Sire, 720714; dam, 1593119.	5 dams-------	16	13,022	3.7	480
Herd Owner, Francis Webb, Plymouth.	Difference---	(2-1-2)	+401	-.5	-54
ADMIRAL KLAZERINA DELLA 870366----------	6 daughters--	7	13,821	3.4	468
Born, 9-23-42; proved, 8-3-49;----; Wis.	5 daughters--	6	13,108	3.4	445
Sire, 718867; dam, 1564483.	5 dams-------	18	12,031	3.5	419
Herd Owner, Harvey Hamann, Sheboygan.	Difference---	(3-2-3)	+1,077	-.1	+26
ADMIRAL RAG APPLE CHIEFTAIN 840450----------	9 daughters--	16	10,874	3.9	421
Born, 12-9-41; proved, 8-4-49; dead; N. Y.	5 daughters--	8	11,295	3.7	419
Sire, 768461; dam, 1935473.	5 dams-------	9	11,482	3.1	351
Herd Owner, Walter Kopp, Cuba.	Difference---	(3-5-4)	-187	+.6	+68

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AIRLINE FARM PILOT 807123----------	15 daughters-	16	9,926	3.4	338
Born, 8-30-38; proved, 8-16-49;----; Pa.	7 daughters--	8	9,682	3.4	332
Sire, 760890; dam, 2149566.	7 dams-------	12	10,993	3.6	393
Herd Owner, Russell A. Sheard, Milanville.	Difference---	(1-2-1)	-1,311	-.2	-61
ALVERNO CRUSADER FOBES BESS 813204 *12----------	14 daughters-	26	12,299	3.4	419
Born, 9-16-40; proved, 8-9-49; dead; Wis.	14 dams------	60	10,535	3.5	372
Sire, 784503; dam, 1751345.	Difference---	(12-5-11)	+1,764	-.1	+47
Herd Owner, Schroeder Dairy, West Bend.					
AMES ADMIRAL KING 867588 *13----------	18 daughters-	26	15,835	3.3	529
Born, 10-11-42; proved, 8-5-49; dead; Iowa.	16 daughters-	23	15,925	3.4	537
Sire, 787210; dam, 1939769.	16 dams------	43	12,630	3.3	419
Herd Owner, Iowa State College Dairy Farm, Ames.	Difference---	(14-11-14)	+3,295	+.1	+118
ANAMOSA SIR NESSCOTT LUXE ORMSBY 810199----------	8 daughters--	12	11,682	3.6	417
Born, 3-5-40; proved, 8-29-49;----; Iowa.	5 daughters--	8	11,074	3.6	398
Sire, 713992; dam, 1807339.	5 dams-------	10	11,983	3.3	394
Herd Owner, Iowa Training School for Boys, Eldora.	Difference---	(2-4-2)	-909	+.3	+4
BAKER FARM LEHBON 833217----------	6 daughters--	9	8,058	3.8	310
Born, 7-23-41; proved, 8-31-49;----; Vt.	6 dams-------	21	10,955	3.7	409
Sire, 778378; dam, 2134651.	Difference---	(0-4-0)	-2,897	+.1	-99
Herd Owner, Brandon State School Farm Colony, Brandon.					
BAKER FARM LORD WALKER 826578 *13----------	22 daughters-	31	10,896	3.7	407
Born, 2-28-41; proved, 8-10-49; dead; N. Y.	13 daughters-	17	11,021	3.8	418
Sire, 608348; dam, 1681734.	13 dams------	23	12,032	3.5	425
Herd Owner, Burton Hoyt, Otego.	Difference---	(5-12-7)	-1,011	+.3	-7
BARRSON SEGIS MATADOR ORMSBY 809155 *12----------	17 daughters-	36	9,781	3.7	362
Born, 9-6-40; proved, 8-11-49; dead; W. Va.	16 daughters-	33	9,749	3.7	362
Sire, 711952; dam, 2006586.	16 dams------	80	10,288	3.3	340
Herd Owner, C. E. Hicks, West Alexander, Pa.	Difference---	(7-13-8)	-539	+.4	+22
BELL FARM FOBES SIR VALDEONA 826161----------	8 daughters--	10	12,988	3.5	453
Born, 12-11-40; proved, 8-16-49;----; Pa.	7 daughters--	8	12,983	3.5	451
Sire, 662512; dam, 1739081.	7 dams-------	26	12,611	3.5	446
Herd Owner, Chester L. Smith, Shippensburg.	Difference---	(4-4-3)	+372	.0	+5
BEN-ROO RAG APPLE POSCH 810526----------	9 daughters--	15	9,907	3.5	347
Born, 6-10-40; proved, 8-22-49;----; N. Y.	7 daughters--	10	9,774	3.5	340
Sire, 784458; dam, 2024363.	7 dams-------	18	11,863	3.4	398
Herd Owner, Leslie G. Rood, Norwood.	Difference---	(1-5-1)	-2,089	+.1	-58
BIRDALE CHAMPION INKA PRINCE 803740----------	7 daughters--	12	11,132	3.4	379
Born, 11-3-39; proved, 8-16-49;----; Wis.	5 daughters--	8	11,272	3.3	376
Sire, 701277; dam, 1642908.	5 dams-------	9	12,853	3.3	424
Herd Owner, Al Walgenbach, Fond du Lac.	Difference---	(0-4-1)	-1,581	.0	-48
BOILING SPRINGS BACHELOR HARTOG 812195 *13----------	12 daughters-	23	10,446	3.7	388
Born, 2-18-40; proved, 8-15-49;----; Pa.	10 daughters-	19	10,429	3.7	382
Sire, 728853; dam, 1085903.	10 dams------	37	12,198	3.5	431
Herd Owner, Leatherwood Farms, New Bethlehem.	Difference---	(2-9-3)	-1,769	+.2	-49
CALDARY DE KOL TRITOMIA 876790----------	11 daughters-	18	15,924	3.5	555
Born, 9-16-41; proved, 8-5-49; dead; Calif.	11 dams------	45	15,577	3.4	525
Sire, 778404; dam, 1579852.	Difference---	(5-10-7)	+347	+.1	+30
Herd Owner, Arden Farms, Inc., Tipton.					
CALDARY SPOFFORD COLANTHA (TWIN) 831885----------	7 daughters--	11	14,226	3.6	512
Born, 2-10-41; proved, 8-3-49; dead; Calif.	7 dams-------	21	15,135	3.3	496
Sire, 786327; dam, 1810226.	Difference---	(4-5-3)	-909	+.3	+16
Herd Owner, Arden Farms, Inc., Tipton.					
CAMP PONTIAC CRESCENT 841003----------	5 daughters--	5	13,052	3.1	409
Born, 9-7-40; proved, 8-29-49;----; Wis.	5 dams-------	7	11,194	3.8	431
Sire, 782879; dam, 1842865.	Difference---	(3-0-1)	+1,858	-.7	-22
Herd Owner, Lawrance Brewer, Berlin.					
CANARY KING KORNDYKE 854491----------	7 daughters--	8	11,640	3.4	400
Born, 3-30-42; proved, 8-16-49;----; Md.	7 dams-------	25	9,939	3.5	351
Sire, 724137; dam, 1975346.	Difference---	(6-2-5)	+1,701	-.1	+49
Herd Owner, J. W. King, Gaithersburg.					
CARNATION IDEAL 863776----------	14 daughters-	18	10,459	3.3	348
Born, 9-6-42; proved, 8-23-49;----; N. Y.	10 daughters-	12	10,555	3.3	349
Sire, 698462; dam, 1349939.	10 dams------	22	9,967	3.3	329
Herd Owner, Byron Fancher, Hyndsville.	Difference---	(7-5-6)	+588	.0	+20
CARNATION IMPERIAL IDEAL 813170 *12----------	16 daughters-	24	16,653	3.9	653
Born, 11-19-40; proved, 8-12-49;----; Wash.	16 dams------	57	15,731	3.5	558
Sire, 698462; dam, 1840636.	Difference---	(11-15-14)	+922	+.4	+95
Herd Owner, Arthur Gallacher & Son, Mt. Vernon.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CARNATION IMPERIAL MATADOR HEILO 826045----------	7 daughters--	8	14,002	3.5	494
Born, 5-24-41; proved, 8-26-49;----; Calif.	5 daughters--	5	14,771	3.5	518
Sire, 698462; dam, 1565805.	5 dams-------	14	15,678	3.2	503
Herd Owner, Joaquin Cabral, Crows Landing.	Difference---	(1-5-2)	-907	+.3	+15
CARNATION KORNDYKE HOMESTEAD 795672 *12----------	29 daughters-	51	11,893	3.4	401
Born, 4-27-40; proved, 8-26-49;----; Ariz.	25 daughters-	43	11,659	3.4	394
Sire, 647922; dam, 1639615.	25 dams------	149	10,872	3.4	370
Herd Owner, Sunset Dairy, Tucson.	Difference---	(15-14-16)	+787	.0	+24
CARNATION MADCAP MARKSMAN 903057----------	5 daughters--	5	16,226	3.6	592
Born, 10-25-43; proved, 8-22-49; dead; Wash.	5 dams-------	14	15,420	3.3	505
Sire, 698462; dam, 1909689.	Difference---	(5-5-5)	+806	+.3	+87
Herd Owner, Maid O'Clover Dairy, Wapato.					
CARYLAND ORMSBY PONTIAC 823917 *12----------	10 daughters-	28	14,647	3.3	482
Born, 12-6-40; proved, 8-22-49; dead; Wash.	10 dams------	46	14,207	3.3	472
Sire, 734524; dam, 1814940.	Difference---	(6-3-6)	+440	.0	+10
Herd Owner, T. Benton Carey, Cowiche.					
CEDAR PARK SIR CASCADER 751222----------	6 daughters--	13	11,995	3.2	388
Born, 4-2-37; proved, 8-5-49;----; Wis.	5 daughters--	10	12,308	3.2	399
Sire, 704735; dam, 1739021.	5 dams-------	19	10,848	3.4	372
Herd Owner, Everett Martin & Son, Mukwonago.	Difference---	(4-1-4)	+1,460	-.2	+27
CHEROKEE CREAM CAN 805300 *12----------	11 daughters-	23	11,147	3.6	407
Born, 4-14-40; proved, 8-26-49; dead; Iowa.	11 dams------	58	12,274	3.5	425
Sire, 748290; dam, 1745771.	Difference---	(5-9-6)	-1,127	+.1	-18
Herd Owner, Glenwood State School, Glenwood.					
CHEROKEE KING DICTATOR 805299 *12----------	15 daughters-	32	12,355	3.6	444
Born, 4-7-40; proved, 8-30-49;----; Iowa.	12 daughters-	26	12,077	3.6	436
Sire, 692526; dam, 1779385.	12 dams------	32	12,748	3.5	441
Herd Owner, Independence State Hospital, Independence.	Difference---	(8-10-7)	-671	+.1	-5
CHIEF COLANTHA INKA MAY 815305----------	5 daughters--	6	7,286	3.5	257
Born, 12-25-40; proved, 8-8-49;----; W. Va.	5 dams-------	20	8,548	3.6	309
Sire, 761498; dam, 1800216.	Difference---	(0-2-0)	-1,262	-.1	-52
Herd Owner, Ohio County Farm, Triadelphia.					
CHIEF PIEBE GERBEN CREAMELLE LAD (TWIN) 783875----------	19 daughters-	36	10,747	3.6	382
Born, 2-13-39; proved, 8-5-49; dead; Pa.	5 daughters--	11	10,926	3.6	392
Sire, 713428; dam, 857761.	5 dams-------	14	11,871	3.3	397
Herd Owner, Webster Wagner, Tamaqua.	Difference---	(1-4-3)	-945	+.3	-5
CHIEF PIEBE NINE-O-FIVE GERB-COLAN J 820748 *12----------	18 daughters-	34	10,531	3.5	373
Born, 11-13-40; proved, 8-5-49; dead; N. Y.	17 daughters-	31	10,615	3.5	376
Sire, 444088; dam, 1791026.	17 dams------	50	10,709	3.6	381
Herd Owner, Hollis J. Davis, Frewsburg.	Difference---	(5-9-6)	-94	-.1	-5
CLARIDGE STAR LAD COMMANDER 815468 *13----------	16 daughters-	21	11,713	3.8	444
Born, 9-5-40; proved, 8-12-49; dead; N. Y.	15 daughters-	20	11,637	3.8	440
Sire, 753870; dam, 1622946.	15 dams------	50	13,403	3.7	499
Herd Owner, Cortez J. Pells, Hillsdale.	Difference---	(4-10-3)	-1,766	+.1	-59
CLOVER LAWN INKA SIR PRINCE 848804----------	14 daughters-	19	10,011	3.7	367
Born, 3-5-42; proved, 8-25-49;----; Wis.	8 daughters--	11	10,365	3.7	384
Sire, 755247; dam, 1944533.	8 dams-------	24	9,973	3.5	352
Herd Owner, William Thorpe, Sharon.	Difference---	(5-7-7)	+392	+.2	+32
CLOVE VALLEY COMBINATION 807867----------	7 daughters--	8	7,215	3.7	265
Born, 7-21-40; proved, 8-15-49;----; N. Y.	7 dams-------	18	9,957	3.5	349
Sire, 764576; dam, 1943729.	Difference---	(1-6-2)	-2,742	+.2	-84
Herd Owner, Ham Brothers, Millbrook.					
CLYDE HILL KING FOBES PIEBE 835633----------	5 daughters--	6	13,206	3.5	460
Born, 10-30-41; proved, 8-30-49;----; Iowa.	5 dams-------	15	12,202	3.6	437
Sire, 664525; dam, 1568173.	Difference---	(4-2-3)	+1,004	-.1	+23
Herd Owner, Willis A. McAlpin, Villisca.					
COLANTHA FOBES HOMESTEAD 884856----------	6 daughters--	10	9,342	3.5	324
Born, 7-25-41; proved, 8-9-49; dead; N. J.	6 dams-------	25	11,805	3.4	401
Sire, 701797; dam, 1839596.	Difference---	(1-4-1)	-2,463	+.1	-77
Herd Owner, Harvey Beatty, Stewartsville.					
COLONEL RAG APPLE BELLE 774033----------	18 daughters-	20	10,105	3.4	347
Born, 12-22-38; proved, 8-22-49;----; Ill.	9 daughters--	9	10,188	3.6	363
Sire, 730067; dam, 1634912.	9 dams-------	15	10,818	3.3	358
Herd Owner, S. T. Moore, Harvard.	Difference---	(4-7-4)	-630	+.3	+5
COLONY AAGGIE SIR ROMEO 785376----------	13 daughters-	13	10,504	3.5	370
Born, 9-5-36; proved, 8-29-49;----; Ohio.	5 daughters--	5	11,182	3.4	378
Sire, 70275 CHB; dam, 183971 CHB.	5 dams-------	14	9,931	3.6	356
Used in Central Ohio Co-op. A. B. A.	Difference---	(5-1-2)	+1,251	-.2	+22

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
COLONY FLOOD PERFECTION 30TH 838276----------	6 daughters--	10	12,527	3.5	439
Born, 1-18-41; proved, 8-30-49;----; Wis.	5 daughters--	8	12,769	3.6	454
Sire, 103450 CHB; dam, 249737 CHB.	5 dams-------	10	12,520	3.3	414
Herd Owner, Beim Farm #2, New Richmond.	Difference---	(3-4-2)	+249	+.3	+40
COMMANDER POSCH 767230 *12----------	42 daughters-	88	11,375	3.5	401
Born, 4-10-38; proved, 8-29-49;----; N. Y.	19 daughters-	39	11,223	3.5	394
Sire, 730362; dam, 1651605.	19 dams------	55	11,585	3.5	401
Herd Owner, Henry W. Samson & Son, Vernon Center.	Difference---	(9-14-10)	-362	.0	-7
COMMANDO LOUIS POSCH 874607----------	7 daughters--	7	11,155	3.5	386
Born, 11-28-42; proved, 8-25-49;----; N. Y.	6 daughters--	6	10,067	3.5	349
Sire, 767230; dam, 1787430.	6 dams-------	24	13,203	3.5	468
Herd Owner, D. Schuyler Crosby, Sprakers.	Difference---	(1-3-1)	-3,136	.0	-119
CORNELL PLEDGE FULFILLMENT 802239----------	23 daughters-	27	9,559	3.5	33
Born, 8-23-39; proved, 8-18-49;----; N. Y.	6 daughters--	7	9,152	3.5	321
Sire, 746743; dam, 1837487.	6 dams-------	9	13,472	3.4	464
Herd Owner, Greer School, Hope Farm.	Difference---	(1-4-0)	-4,320	+.1	-143
COUNT MATCHLESS POSCH 777948----------	21 daughters-	35	11,881	3.5	418
Born, 3-2-39; proved, 8-19-49;----; N. Y.	16 daughters-	27	11,894	3.5	417
Sire, 715568; dam, 1748652.	16 dams------	33	10,664	3.4	358
Herd Owner, Monford S. Kelsey, Canastota.	Difference---	(11-13-13)	+1,230	+.1	+59
COUNT MONARCH POSCH 783139----------	17 daughters-	25	12,785	3.5	442
Born, 5-1-39; proved, 8-25-49;----; N. Y.	9 daughters--	12	13,016	3.4	448
Sire, 661108; dam, 1651612.	9 dams-------	11	11,955	3.5	422
Herd Owner, Edward F. Reilly, Taberg.	Difference---	(4-4-5)	+1,061	-.1	+26
COUNTRY HOME CHARM PLUS 788988 *13----------	18 daughters-	19	10,790	3.4	369
Born, 2-24-40; proved, 8-26-49; dead; Ill.	14 daughters-	15	10,737	3.5	371
Sire, 750783; dam, 1589028.	14 dams------	17	10,033	3.5	352
Herd Owner, Julius Sewing, Elwood.	Difference---	(11-6-8)	+704	.0	+19
CRUSADER TIDY FOBES OF VENTNOR 771551----------	5 daughters--	5	11,351	3.8	431
Born, 10-31-38; proved, 8-9-49;----; Wis.	5 dams-------	6	11,975	3.6	428
Sire, 711382; dam, 1877897.	Difference---	(2-4-3)	-624	+.2	+3
Herd Owner, Wisconsin State Reformatory, Green Bay.					
DANDY SUPREME DESIGN 846313----------	9 daughters--	9	12,057	3.7	444
Born, 2-10-42; proved, 8-26-49;----; N. Y.	9 dams-------	42	12,735	3.4	433
Sire, 738106; dam, 1928258.	Difference---	(3-8-6)	-678	+.3	+11
Herd Owner, L. W. Irish, Valatie.					
DAUNTLESS CRETE GOLD WALKER 817620 *12----------	16 daughters-	23	11,203	3.7	410
Born, 12-25-40; proved, 8-16-49;----; Maine.	14 daughters-	19	10,946	3.6	399
Sire, 668530; dam, 1843584.	14 dams------	64	12,669	3.6	452
Herd Owner, University of Maine, Orono.	Difference---	(3-11-3)	-1,723	.0	-53
DEAN FOBES HOMESTEAD ORMSBY 882042 *13----------	20 daughters-	21	9,321	3.6	340
Born, 11-2-41; proved, 8-12-49;----; Iowa.	14 daughters-	15	9,089	3.7	334
Sire, 777762; dam, 2409376.	14 dams------	65	10,933	3.6	393
Herd Owner, Ruth & Dale Turner, Postville.	Difference---	(1-10-2)	-1,844	+.1	-59
DEC KING BESSIE ORMSBY SENATOR 812854 *12----------	9 daughters--	20	11,950	3.6	428
Born, 11-1-40; proved, 8-15-49; dead; Minn.	9 dams-------	22	10,368	3.4	350
Sire, 667791; dam, 1767923.	Difference---	(6-6-8)	+1,582	+.2	+78
Herd Owner, Hazeltine Farm, Excelsior.					
DEC KING BESSIE PARAMOUNT 802159----------	8 daughters--	12	11,376	3.5	399
Born, 12-14-39; proved, 8-15-49;----; Minn.	5 daughters--	8	12,113	3.6	434
Sire, 667791; dam, 1594273.	5 dams-------	7	16,558	3.4	566
Herd Owner, Otto Tesch, Waldorf.	Difference---	(0-4-0)	-4,445	+.2	-132
DE KOL FOBES KORNDYKE ORMSBY 873750----------	7 daughters--	9	10,468	3.5	372
Born, 12-1-42; proved, 8-11-49; dead; Mich.	6 daughters--	8	10,438	3.6	371
Sire, 780119; dam, 1432812.	6 dams-------	13	11,465	3.5	405
Herd Owner, Warren D. Byrum, Leslie.	Difference---	(2-3-2)	-1,027	+.1	-34
DE KOL ORMSBY FOBES HOMESTEAD 857198 *13----------	11 daughters-	20	8,745	3.7	327
Born, 1-26-42; proved, 8-11-49; dead; Minn.	10 daughters-	18	9,091	3.7	340
Sire, 755056; dam, 1919579.	10 dams------	28	9,667	3.7	357
Herd Owner, Erwin Voth, Goodhue.	Difference---	(3-7-4)	-576	.0	-17
DE KOL SEGIS PRILLY COPIA 892411----------	5 daughters--	6	9,512	3.3	319
Born, 12-30-42; proved, 8-19-49;----; Pa.	5 dams-------	15	10,548	3.7	386
Sire, 812174; dam, 2357946.	Difference---	(1-2-1)	-1,036	-.4	-67
Herd Owner, David T. Rider, Mechanicsburg.					
DES RAPIDES SILENCER DE KOL CANARY 829238----------	8 daughters--	9	10,396	3.6	374
Born, 8-4-39; proved, 8-11-49; dead; N. Y.	7 daughters--	7	10,410	3.5	368
Sire, 107613 CHB; dam, 235211 CHB.	7 dams-------	19	9,264	3.5	328
Herd Owner, Margaret K. Hoar, Bombay.	Difference---	(4-4-4)	+1,146	.0	+40

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DEWEY SPRINGS EVALENA HERO 794437----------	8 daughters--	11	9,993	3.5	348
Born, 8-19-39; proved, 8-15-49;----; Mich.	7 daughters--	9	10,110	3.5	358
Sire, 743366; dam, 1477513.	7 dams-------	13	11,469	3.5	396
Herd Owner, H. E. Crouter, Flint.	Difference---	(4-4-3)	-1,359	.0	-38
DICK FORES ORMSBY COLANTHA 810529 *13----------	16 daughters-	41	14,319	3.5	501
Born, 4-8-40; proved, 8-30-49; dead; Wis.	14 daughters-	36	14,190	3.5	495
Sire, 750659; dam, 1860125.	14 dams------	33	13,723	3.5	476
Herd Owner, Joseph Mirsberger, Hilbert.	Difference---	(8-10-10)	+467	.0	+19
DICKMONT SIR AALTJE PONTIAC 821490 *12----------	16 daughters-	34	13,267	3.5	470
Born, 3-5-41; proved, 8-25-49; dead; N. J.	16 dams------	78	12,286	3.4	421
Sire, 776372; dam, 1965508.	Difference---	(12-11-13)	+981	+.1	+49
Herd Owner, Alfred E. Darnell, Medford.					
DODGE COUNTY GRACE SEGIS 870733 *13----------	19 daughters-	28	8,212	3.4	280
Born, 3-18-42; proved, 8-22-49; dead; Wis.	18 daughters-	26	8,159	3.4	279
Sire, 787993; dam, 1708925.	18 dams------	68	9,361	3.5	327
Herd Owner, S. B. Jones & Sons Co., Watertown.	Difference---	(6-11-6)	-1,202	-.1	-48
DOUGLAS FORES SEGIS CANARY 818239 *13----------	19 daughters-	29	13,129	3.5	455
Born, 10-30-40; proved, 8-16-49; dead; Ill.	13 daughters-	19	12,957	3.4	444
Sire, 754053; dam, 1614609.	13 dams------	29	11,510	3.4	395
Herd Owner, Sinnissippi Farm, Inc., Oregon.	Difference---	(10-8-10)	+1,447	.0	+49
DOUGVIC PATHFINDER ADMIRAL 870002 *13----------	13 daughters-	13	13,739	3.7	509
Born, 4-20-42; proved, 8-11-49;----; Ill.	12 daughters-	12	13,876	3.7	510
Sire, 776238; dam, 2117534.	12 dams------	37	13,870	3.3	465
Herd Owner, George Frederiksen, Dwight.	Difference---	(5-11-8)	+6	+.4	+45
DUNLOGGIN DUTCH MASTER 702624 *12----------	32 daughters-	53	11,515	3.4	394
Born, 2-13-35; proved, 8-29-49; dead; Wis.	18 daughters-	24	12,170	3.4	419
Sire, 667915; dam, 1020710.	18 dams------	42	10,858	3.4	374
Herd Owner, John Gevelinger, Mineral Point.	Difference---	(13-11-11)	+1,312	.0	+45
DUNLOGGIN FON MERCEDES 863710----------	8 daughters--	10	13,093	3.8	494
Born, 11-14-42; proved, 8-22-49; alive; Ohio.	7 daughters--	8	13,346	3.8	503
Sire, 751640; dam, 1908506.	7 dams-------	20	13,134	3.8	493
Herd Owner, I. F. & R. E. Wetmore, Akron.	Difference---	(3-4-3)	+212	.0	+10
DUNLOGGIN MASTER STROKE 769577----------	55 daughters-	140	13,116	3.6	477
Born, 10-30-38; proved, 8-19-49;----; Md.	45 daughters-	118	13,189	3.6	479
Sire, 667915; dam, 1575137.	45 dams------	181	11,644	3.5	412
Herd Owner, McKendree Walker, Gaithersburg.	Difference---	(33-31-34)	+1,545	+.1	+67
DUNLOGGIN MODEL 798777----------	19 daughters-	37	11,971	3.7	442
Born, 6-24-40; proved, 8-29-49;----; Md.	11 daughters-	21	11,753	3.7	433
Sire, 667915; dam, 1785675.	11 dams------	45	11,727	3.7	431
Herd Owner, Logwood Farm, Westminster.	Difference---	(4-8-5)	+26	.0	+2
DUNLOGGIN X MAJESTY 873086----------	9 daughters--	10	14,131	3.4	476
Born, 3-12-43; proved, 8-19-49;----; N. Y.	8 daughters--	9	14,199	3.3	475
Sire, 793004; dam, 2151299.	8 dams-------	24	13,000	3.3	430
Herd Owner, Callee Farm, Canajoharie.	Difference---	(6-5-5)	+1,199	.0	+45
EBENEZER PIPER OLLIE 821410 *12----------	15 daughters-	39	11,950	3.3	392
Born, 9-3-40; proved, 8-22-49; dead; Wis.	14 daughters-	37	12,011	3.2	390
Sire, 787087; dam, 2022909.	14 dams------	53	12,170	3.4	408
Herd Owner, Edward Boetcher, Waterloo.	Difference---	(6-2-7)	-159	-.2	-18
EDIT ORMSBY VOLISKA 805597 *13----------	11 daughters-	17	10,376	3.6	376
Born, 5-24-40; proved, 8-26-49; dead; N. Y.	11 dams------	65	9,659	3.7	353
Sire, 725976; dam, 1739579.	Difference---	(7-6-7)	+717	-.1	+23
Herd Owner, Oscar Kahler & Son, Elmira.					
ELI ROMEO DE KOL 884788----------	8 daughters--	8	9,213	3.6	334
Born, 10-26-42; proved, 8-25-49;----; Ill.	7 daughters--	7	9,285	3.6	337
Sire, 782633; dam, 1990914.	7 dams-------	26	10,787	3.6	389
Herd Owner, Oblate Fathers, Belleville.	Difference---	(2-4-1)	-1,502	.0	-52
ELLBANK ORMSBY ISA 866063 *13----------	10 daughters-	17	11,248	3.9	438
Born, 7-4-41; proved, 8-23-49;----; N. Y.	9 daughters--	15	11,047	3.9	433
Sire, 778853; dam, 1510849.	9 dams-------	45	11,476	3.6	411
Used in Inter-Co. A. B. A., Ill.	Difference---	(5-9-6)	-429	+.3	+22
FAIRFIELD DEACON ORMSBY (TWIN) 884062----------	12 daughters-	16	9,922	3.4	342
Born, 12-24-42; proved, 8-24-49;----; Iowa.	11 daughters-	15	9,906	3.4	339
Sire, 802872; dam, 1881508.	11 dams------	22	8,777	3.5	306
Herd Owner, Harry Gibbs, Earlville.	Difference---	(9-4-7)	+1,129	-.1	+33
FALL CREEK ORMSBY AMOS 865077----------	9 daughters--	9	9,982	3.6	357
Born, 11-18-41; proved, 8-25-49;----; N. Y.	6 daughters--	6	8,665	3.6	311
Sire, 789260; dam, 1881413.	6 dams-------	14	15,356	3.5	542
Herd Owner, L. V. La Motte, Freeville.	Difference---	(0-6-0)	-6,691	+.1	-231

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FAYNE POSCH JOLIE 871240----------	6 daughters--	7	10,041	3.9	389
Born, 5-15-42; proved, 8-12-49;----; N. Y.	5 daughters--	6	10,081	4.0	408
Sire, 798783; dam, 2029293.	5 dams-------	13	13,453	3.5	473
Herd Owner, Glenn Alexander, Cortland.	Difference---	(0-5-1)	-3,372	+.5	-65
FORESTBOLD BURKE 884035----------	11 daughters-	11	12,236	3.6	441
Born, 2-21-43; proved, 8-22-49;----; Wis.	10 daughters-	10	12,181	3.6	436
Sire, 697789; dam, 1894646.	10 dams------	46	12,935	3.6	462
Herd Owner, Edwin W. Seybold, Hilbert.	Difference---	(4-5-4)	-754	.0	-26
FRANLO CHIP MONTVIC PAT 864932----------	7 daughters--	8	9,758	3.1	307
Born, 11-15-42; proved, 8-22-49;----; Minn.	7 dams-------	18	11,273	3.5	392
Sire, 808285; dam, 2209321.	Difference---	(1-1-0)	-1,515	-.4	-85
Herd Owner, Highpath Farms, Wayzata.					
GODFREYS MARTO IBSEN FOUNDER 810247 *13----------	23 daughters-	50	12,523	3.3	418
Born, 8-29-40; proved, 8-16-49; dead; Wis.	15 daughters-	35	12,926	3.4	438
Sire, 750581; dam, 1811999.	15 dams------	26	11,359	3.3	379
Herd Owner, Christian L. Sprecher, Plain.	Difference---	(11-10-11)	+1,567	+.1	+59
GREENWOOD PEARL SENSATION 801910----------	6 daughters--	12	13,227	3.5	467
Born, 3-20-40; proved, 8-12-49;----; Pa.	5 daughters--	9	13,195	3.5	462
Sire, 769435; dam, 1895336.	5 dams-------	21	11,307	3.6	407
Herd Owner, C. Elwin Baldwin, Canton.	Difference---	(4-2-5)	+1,888	-.1	+55
HARVDALE PONTIAC BESS SENSATION 868979----------	5 daughters--	5	11,486	3.5	397
Born, 11-29-42; proved, 8-3-49;----; Wis.	5 dams-------	25	12,726	3.4	434
Sire, 822968; dam, 1989299.	Difference---	(2-3-2)	-1,240	+.1	-37
Herd Owner, Mrs. Curtis Baker, Mount Horeb.					
HAZEL BUSH CHIEF 855119----------	7 daughters--	7	6,233	3.8	239
Born, 4-17-42; proved, 8-10-49;----; Md.	6 daughters--	6	6,198	3.7	229
Sire, 714897; dam, 1963338.	6 dams-------	16	7,129	3.4	244
Herd Owner, H. C. Smith, Rockville.	Difference---	(1-5-3)	-931	+.3	-15
HENGERVELD CANARY ORMSBY LAD 810335----------	6 daughters--	16	11,674	3.5	414
Born, 12-19-39; proved, 8-15-49;----; Mich.	5 daughters--	12	11,587	3.6	421
Sire, 738016; dam, 1843285.	5 dams-------	23	10,808	3.7	399
Herd Owner, Coe F. Emens, Mason.	Difference---	(3-3-3)	+779	-.1	+22
HEROSA KING ISA ORMSBY JEWEL 758927----------	11 daughters-	19	14,588	3.5	504
Born, 5-25-38; proved, 8-18-49;----; Pa.	10 daughters-	18	14,547	3.4	498
Sire, 519666; dam, 1584841.	10 dams------	39	14,171	3.5	502
Herd Owner, Joseph W. Hallowell & Son, Ivyland.	Difference---	(4-5-6)	+376	-.1	-4
HIAWATHA TRIUNE STEEL 876506----------	7 daughters--	7	10,196	3.4	345
Born, 3-6-43; proved, 8-22-49;----; Wis.	7 dams-------	27	10,541	3.4	357
Sire, 833255; dam, 2155171.	Difference---	(2-4-3)	-345	.0	-12
Herd Owner, Steel Brothers & Vogt, Lyons.					
HICKORY HILL BESSIE HOMESTEAD 850563 *13----------	13 daughters-	18	10,493	3.4	356
Born, 2-11-42; proved, 8-12-49; dead; Wis.	12 daughters-	16	10,441	3.4	355
Sire, 674886; dam, 1708519.	12 dams------	50	10,563	3.4	358
Herd Owner, W. H. Schumann & Frederick Shower, Mazomanie.	Difference---	(6-9-5)	-122	.0	-3
HILL-MAN BURKE GENERAL 850707----------	12 daughters-	15	12,220	3.6	436
Born, 3-10-42; proved, 8-8-49;----; Ill.	6 daughters--	8	12,353	3.4	420
Sire, 790805; dam, 2048702.	6 dams-------	7	11,916	3.4	399
Herd Owner, Langholf Brothers, Pecatonica.	Difference---	(5-3-4)	+437	.0	+21
HILLSBORO MODEL CAREER 802016----------	8 daughters--	14	10,591	3.8	402
Born, 2-29-40; proved, 8-18-49; dead; N. J.	5 daughters--	9	11,597	3.8	440
Sire, 675837; dam, 1801466.	5 dams-------	23	11,338	3.8	430
Herd Owner, State Hospital, Marlboro.	Difference---	(4-2-3)	+259	.0	+10
HOPE NELLIE OSCAR DICK 835134----------	8 daughters--	11	10,602	3.2	344
Born, 7-24-41; proved, 8-9-49;----; Ill.	5 daughters--	7	10,588	3.4	358
Sire, 756505; dam, 1965946.	5 dams-------	9	11,480	3.3	384
Herd Owner, Henry J. Richter, Trenton.	Difference---	(2-4-1)	-892	+.1	-26
HOPE VIEW FOBES ASPIRANT 7TH 863742----------	6 daughters--	8	11,798	3.6	424
Born, 9-15-42; proved, 8-19-49;----; Kans.	6 dams-------	13	12,379	3.5	429
Sire, 811852; dam, 1505760.	Difference---	(3-5-3)	-581	+.1	-5
Herd Owner, C. P. Regier, Peabody.					
I B C BESS DEAN 797390 *13----------	10 daughters-	19	11,249	3.8	427
Born, 5-9-40; proved, 8-29-49; dead; Iowa.	10 dams------	38	12,235	3.5	431
Sire, 761974; dam, 1238723.	Difference---	(4-9-4)	-986	+.3	-4
Herd Owner, Independence State Hospital, Independence.					
INKA RAG APPLE CAPPIE 895118----------	5 daughters--	6	8,599	3.7	315
Born, 5-10-41; proved, 8-8-49;----; Pa.	5 dams-------	11	9,760	3.7	360
Sire, 735348; dam, 1985878.	Difference---	(1-2-1)	-1,161	.0	-45
Herd Owner, Jordan Brothers, Stewartstown.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
INKA SUPREME ABBEKERK 810126 *12----------	19 daughters-	41	11,100	3.9	436
Born, 10-29-39; proved, 8-16-49; dead; N. Y.	18 daughters-	38	11,110	3.9	436
Sire, 124558 CHB; dam, 2068873.	18 dams------	59	11,094	4.0	446
Herd Owner, Somes Brothers, Memphis.	Difference---	(8-5-9)	+16	-.1	-10
INVERLEA MASTERPIECE 817739 *12----------	10 daughters-	18	12,898	3.4	443
Born, 10-10-40; proved, 8-15-49; dead; N. Y.	10 dams------	26	11,326	3.5	395
Sire, 126507 CHB; dam, 314643 CHB.	Difference---	(7-4-7)	+1,572	-.1	+48
Herd Owner, Beatty Farms, Kingston.					
JOHANNES ORMSBY SIR BESSIE 882393----------	9 daughters--	9	9,316	3.4	314
Born, 12-31-42; proved, 8-19-49;----; Wis.	9 dams-------	39	10,418	3.6	370
Sire, 802335; dam, 2000630.	Difference---	(2-4-1)	-1,102	-.2	-56
Herd Owner, George M. Reis, Manitowoc.					
JONABELL CARBINE 806124 *12----------	13 daughters-	28	14,002	3.7	521
Born, 8-18-40; proved, 8-23-49;----; Pa.	11 daughters-	21	14,102	3.8	531
Sire, 720861; dam, 1972907.	11 dams------	44	13,035	3.7	487
Used in Nepa Co-op. A. B. A.	Difference---	(7-6-8)	+1,067	+.1	+44
JUNIOR REPUBLIC SIR INKA MATADOR 814834----------	7 daughters--	10	9,007	3.8	344
Born, 10-19-40; proved, 8-30-49;----; Pa.	7 dams-------	20	8,080	4.3	344
Sire, 734510; dam, 1831895.	Difference---	(5-2-4)	+927	-.5	0
Herd Owner, George Junior Republic, Grove City.					
KAHL INKA JOHANNA OAK 864328----------	8 daughters--	9	10,320	3.3	344
Born, 11-28-42; proved, 8-26-49;----; Wis.	7 daughters--	8	10,136	3.4	340
Sire, 803162; dam, 2052922.	7 dams-------	27	10,005	3.5	348
Herd Owner, Robert Fahey, Jr., Belleville.	Difference---	(4-2-3)	+131	-.1	-8
K G O P FRIEND RUE PAUL DI-WATSON J 844057----------	7 daughters--	10	12,795	4.0	507
Born, 12-7-41; proved, 8-29-49;----; Kans.	5 daughters--	6	12,444	4.1	507
Sire, 650650; dam, 1861035.	5 dams-------	16	10,611	3.6	382
Herd Owner, B. C. Unruh & Sons, Pawnee Rock.	Difference---	(4-5-5)	+1,833	+.5	+125
KINDLEUP KAY CHAMP CASCADE 887065----------	6 daughters--	6	10,918	3.5	377
Born, 5-29-43; proved, 8-15-49;----; Wis.	6 dams-------	20	10,501	3.5	368
Sire, 790976; dam, 1998558.	Difference---	(3-4-4)	+417	.0	+9
Herd Owner, Emil A. Legler, Belleville.					
KING BESSIE ORMSBY PIEBE BUTTER BOY (TWIN) 805685 *13------	25 daughters-	41	11,201	3.6	406
Born, 2-15-40; proved, 8-9-49; dead; Pa.	22 daughters-	36	11,161	3.6	404
Sire, 699856; dam, 1730103.	22 dams------	78	12,019	3.4	403
Herd Owner, E. E. Brubaker, Christiana.	Difference---	(8-18-12)	-858	+.2	+1
KING KRAYWEN RAG APPLE 890454----------	8 daughters--	8	11,387	3.6	410
Born, 10-24-42; proved, 8-24-49;----; N. Y.	6 daughters--	6	11,351	3.5	401
Sire, 783199; dam, 1853098.	6 dams-------	17	10,162	3.3	331
Herd Owner, Irving L. Klock, Fort Plain.	Difference---	(4-6-5)	+1,189	+.2	+70
KING ORMSBY INKA COLANTHA MATADOR 809047----------	6 daughters--	6	11,752	3.9	455
Born, 10-9-40; proved, 8-11-49; dead; Kans.	6 dams-------	36	13,323	3.8	503
Sire, 754922; dam, 1828567.	Difference---	(1-3-1)	-1,571	+.1	-48
Herd Owner, Albert Ackerman, Sabetha.					
KING ORMSBY KORNDYKE FOBES PIEBE 838099----------	8 daughters--	12	12,037	3.5	422
Born, 4-25-41; proved, 8-30-49;----; Wis.	8 dams-------	19	11,515	3.5	401
Sire, 520187; dam, 2073702.	Difference---	(5-5-5)	+522	.0	+21
Herd Owner, John W. Cox, Omro.					
KING ORMSBY OPTIMIST CON 812385 *13----------	11 daughters-	22	10,149	3.3	339
Born, 11-13-40; proved, 8-16-49; dead; Minn.	11 dams------	56	10,624	3.4	366
Sire, 773791; dam, 1758438.	Difference---	(3-4-2)	-475	-.1	-27
Herd Owner, Conrad H. Lenzmeier, Shakopee.					
KING PONTIAC HARTOG INKA ORMSBY (TWIN) 809898 *12----------	21 daughters-	36	10,528	3.6	377
Born, 2-14-40; proved, 8-23-49; dead; Pa.	20 daughters-	34	10,474	3.6	374
Sire, 754245; dam, 2000947.	20 dams------	62	11,139	3.6	396
Herd Owner, Frank Reese, Shippensburg.	Difference---	(6-11-8)	-665	.0	-22
KING PRILLY VALDESSA SPINKER 823103 *13----------	13 daughters-	22	9,200	3.4	308
Born, 3-18-41; proved, 8-22-49; dead; Pa.	10 daughters-	17	9,226	3.4	311
Sire, 718724; dam, 2079650.	10 dams------	55	11,547	3.4	387
Herd Owner, Coccodrilli Brothers, Lake Ariel.	Difference---	(2-6-2)	-2,321	.0	-76
KING SEGIS NETHERLAND PIEBE 806600----------	6 daughters--	6	10,505	3.8	394
Born, 3-6-40; proved, 8-19-49;----; Mich.	5 daughters--	5	10,389	3.8	391
Sire, 754579; dam, 1970489.	5 dams-------	5	10,142	3.8	384
Herd Owner, Darrel H. Fleming, Gaylord.	Difference---	(3-2-3)	+247	.0	+7
KIRKPATRICK GENE 819002 *12----------	22 daughters-	42	12,733	3.6	460
Born, 10-16-40; proved, 8-9-49;----; Pa.	20 daughters-	37	12,899	3.6	470
Sire, 643943; dam, 1792913.	20 dams------	82	11,718	3.6	419
Herd Owner, William R. Brown, Delta.	Difference---	(11-15-13)	+1,181	.0	+51

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LAMAGA CALL POSCH OKAT SELECT USORA 838851----------	9 daughters--	10	8,992	3.7	331
Born, 1-8-42; proved, 8-29-49;----; N. Y.	9 dams-------	24	9,292	3.6	338
Sire, 789916; dam, 1917930.	Difference---	(5-5-4)	-300	+.1	-7
Herd Owner, Alfred S. Brown, Eaton.					
LAUXMONT ADMIRAL GENERAL 760853----------	32 daughters-	55	10,864	3.7	406
Born, 3-1-38; proved, 8-12-49;----; Wis.	26 daughters-	45	10,991	3.7	406
Sire, 696612; dam, 1725848.	26 dams------	60	10,959	3.6	392
Herd Owner, John H. Hutchinson, Whitewater.	Difference---	(11-16-14)	+32	+.1	+14
LAUXMONT ADMIRAL STERLING 777246----------	11 daughters-	19	10,597	3.6	384
Born, 1-10-39; proved, 8-25-49;----; N. Y.	8 daughters--	16	11,166	3.5	394
Sire, 696612; dam, 1774307.	8 dams-------	17	13,407	3.4	450
Herd Owner, Roy Jones, Remsen.	Difference---	(1-5-3)	-2,241	+.1	-56
LAUXMONT LAUXMASTER ADVOCATE 866635----------	5 daughters--	7	13,074	3.8	492
Born, 1-22-43; proved, 8-30-49;----; Pa.	5 dams-------	23	12,614	3.7	466
Sire, 820083; dam, 2174445.	Difference---	(3-3-3)	+460	+.1	+26
Herd Owner, William R. Brown, Delta.					
LAUXMONT SAFEMASTER PREDICTION 807476----------	18 daughters-	27	12,651	4.0	501
Born, 7-15-40; proved, 8-25-49;----; Md.	7 daughters--	12	12,140	4.1	495
Sire, 751642; dam, 1588241.	7 dams-------	10	7,205	3.4	247
Herd Owner, Joseph Peacock, Galena.	Difference---	(7-7-7)	+4,935	+.7	+248
LAUXMONT SAFEMASTER ROSE KING 819471----------	5 daughters--	9	12,903	3.5	453
Born, 2-8-41; proved, 8-19-49;----; Md.	5 dams-------	15	10,415	3.5	361
Sire, 751642; dam, 1865516.	Difference---	(5-2-5)	+2,488	.0	+92
Herd Owner, Olin S. Davis, Jr., Golts.					
LENHAHA DEAN ORMSBY PERFECTION 820671----------	9 daughters--	10	12,711	3.2	411
Born, 3-17-40; proved, 8-30-49;----; Iowa.	7 daughters--	8	12,983	3.2	414
Sire, 541114; dam, 1621384.	7 dams-------	16	10,867	3.6	390
Herd Owner, Harry G. Haynes, Manchester.	Difference---	(4-0-4)	+2,116	-.4	+24
LENHAHA KING BESSIE IRMA 850432 *13----------	10 daughters-	14	10,468	3.4	358
Born, 2-24-41; proved, 8-26-49; dead; Iowa.	10 dams------	39	10,886	3.5	385
Sire, 708578; dam, 1815640.	Difference---	(4-5-3)	-418	-.1	-27
Herd Owner, Kenneth J. Kerr & Family, Postville.					
LINARTIS MAN-O-WAR ROMULUS (TWIN) 823930 *13----------	9 daughters--	19	9,407	3.4	316
Born, 11-11-40; proved, 8-25-49; dead; Iowa.	7 daughters--	15	9,201	3.4	311
Sire, 745596; dam, 1991775.	7 dams-------	23	9,953	3.5	347
Herd Owner, Herman O. Karnatz & Son, New Hampton.	Difference---	(2-2-0)	-752	-.1	-36
LONELM TEXAL AMBASSADOR 879108----------	8 daughters--	9	12,260	3.6	444
Born, 1-9-40; proved, 8-22-49;----; N. Y.	8 dams-------	28	13,843	3.6	495
Sire, 95503 CHB; dam, 344589 CHB.	Difference---	(2-5-2)	-1,583	.0	-51
Herd Owner, Sidney L. Smith, Canajoharie.					
LOS ROBLES KING PIETERTJE 884043----------	5 daughters--	5	14,715	3.5	518
Born, 3-6-43; proved, 8-12-49; alive; Calif.	5 dams-------	21	12,221	3.6	443
Sire, 724363; dam, 1993597.	Difference---	(4-2-4)	+2,494	-.1	+75
Herd Owner, George H. Sawyer, Waterford.					
LOS ROBLES SEGIS ORMSBY LYONS 824322----------	15 daughters-	24	12,037	3.3	398
Born, 2-10-41; proved, 8-26-49;----; Calif.	9 daughters--	15	12,031	3.2	390
Sire, 776515; dam, 1972556.	9 dams-------	27	11,828	3.2	377
Herd Owner, M. Curti, Waukena.	Difference---	(4-7-5)	+203	.0	+13
MALONE ORMSBY INKARNATION STAR 867552----------	5 daughters--	7	9,800	3.6	353
Born, 1-12-42; proved, 8-2-49;----; Wis.	5 dams-------	21	10,139	3.7	380
Sire, 746323; dam, 2134730.	Difference---	(2-2-2)	-339	-.1	-27
Herd Owner, Walter Heinrich, Hales Corners.					
M & P COLONEL INKA PLEDGE ORMSBY 766416----------	6 daughters--	10	9,825	3.8	371
Born, 12-29-37; proved, 8-5-49;----; N. Y.	5 daughters--	8	9,683	3.8	365
Sire, 704275; dam, 1649197.	5 dams-------	8	10,366	3.8	396
Herd Owner, Gordon C. Baird, Holcomb.	Difference---	(2-3-2)	-683	.0	-31
MAN-O-WAR CREATOR MASTER 888614----------	14 daughters-	17	8,463	3.9	333
Born, 11-2-41; proved, 8-12-49;----; Minn.	5 daughters--	5	9,865	3.7	364
Sire, 737727; dam, 1597906.	5 dams-------	10	8,756	3.8	331
Herd Owner, Ralph O'Hara, Hammond.	Difference---	(3-1-4)	+1,109	-.1	+33
MAN-O-WAR HEILO BOY 814241 *12----------	21 daughters-	38	12,631	3.5	436
Born, 10-27-40; proved, 8-11-49;----; Minn.	17 daughters-	34	12,311	3.5	431
Sire, 739097; dam, 1735717.	17 dams------	55	11,412	3.5	404
Herd Owner, Albin Dressel, Maple Plain.	Difference---	(12-7-11)	+899	.0	+27
MAPESTEIN PONTIAC PIEBE 886869----------	8 daughters--	11	7,954	3.4	274
Born, 10-31-42; proved, 8-9-49;----; Iowa.	6 daughters--	9	8,444	3.3	282
Sire, 748673; dam, 2139575.	6 dams-------	7	10,361	3.6	375
Herd Owner, E. A. Weber & Sons, Donnellson.	Difference---	(1-2-1)	-1,917	-.3	-93

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MATADOR SPOFFORD WALKER 819237----------	10 daughters-	13	10,108	3.3	337
Born, 3-2-41; proved, 8-15-49;----; Pa.	6 daughters--	7	10,104	3.4	345
Sire, 777952; dam, 1979578.	6 dams-------	11	11,513	3.4	389
Herd Owner, M. R. McCoy, Aliquippa.	Difference---	(2-4-2)	-1,409	.0	-44
MAX MODEL FAYNE 873249----------	6 daughters--	7	11,211	3.5	397
Born, 1-30-42; proved, 8-10-49;----; Wis.	6 dams-------	71	12,954	3.1	404
Sire, 741199; dam, 2127925.	Difference---	(2-6-3)	-1,743	+.4	-7
Herd Owner, James Kile & George Krajeck, Evansville.					
MCDONOGH NEW YORKER 815010 *12----------	17 daughters-	31	9,969	3.9	385
Born, 8-20-40; proved, 8-12-49;----; Pa.	17 dams------	61	10,707	3.5	369
Sire, 731994; dam, 1628995.	Difference---	(5-16-10)	-738	+.4	+16
Herd Owner, Paul E. Rebert, Mechanicsburg.					
MEADOWCREEK CAPTIVATOR ORMSBY LAD 822403 *12----------	14 daughters-	31	12,053	3.4	405
Born, 12-8-40; proved, 8-22-49;----; Iowa.	11 daughters-	25	12,566	3.3	420
Sire, 784873; dam, 1993355.	11 dams------	41	12,321	3.4	425
Herd Owner, Paul Rinderknecht, Cedar Rapids.	Difference---	(6-5-6)	+245	-.1	-5
MEIERKORD TRIUNE TRITOMIA WALKER 865177----------	6 daughters--	6	9,450	3.2	306
Born, 4-24-42; proved, 8-19-49;----; Kans.	5 daughters--	5	10,153	3.2	328
Sire, 600230; dam, 1995962.	5 dams-------	14	8,660	3.4	293
Herd Owner, Le Roy Johnston & Son, Marysville.	Difference---	(2-2-2)	+1,493	-.2	+35
MENDOCINO SIR JULIO 808323 *11----------	8 daughters--	23	13,240	3.6	480
Born, 3-20-40; proved, 8-9-49; dead; Calif.	8 dams-------	56	12,157	3.6	437
Sire, 737813; dam, 1807367.	Difference---	(3-6-5)	+1,083	.0	+43
Herd Owner, Kidd Brothers, Modesto.					
MERCEDES LAKEFIELD FOBES 853261 *13----------	16 daughters-	25	11,393	3.7	424
Born, 3-5-42; proved, 8-2-49; dead; Pa.	13 daughters-	21	11,698	3.6	425
Sire, 584191; dam, 1900531.	13 dams------	35	10,258	3.6	370
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(9-11-10)	+1,440	.0	+55
MICHIGAN CLARA PAUL (TWIN) 849285----------	6 daughters--	8	11,889	3.7	442
Born, 3-26-42; proved, 8-29-49;----; Mich.	6 dams-------	16	10,481	3.7	384
Sire, 769916; dam, 1742579.	Difference---	(4-4-4)	+1,408	.0	+58
Herd Owner, Fred G. Beardsley & Sons, Oxford.					
MICHIGAN STAR PAUL 808797 *13----------	17 daughters-	33	11,820	3.4	398
Born, 9-23-40; proved, 8-29-49;----; Mich.	16 daughters-	32	11,685	3.4	397
Sire, 769916; dam. 1903294.	16 dams------	70	13,121	3.3	430
Herd Owner, L. J. Cobb & Son, Elsie.	Difference---	(4-10-4)	-1,436	+.1	-33
MIDDLEVALE BUSTER BEETS ORMSBY 810755 *13----------	32 daughters-	45	8,771	3.5	305
Born, 10-8-40; proved, 8-25-49; dead; Vt.	30 daughters-	42	8,709	3.5	305
Sire, 759904; dam, 1793698.	30 dams------	86	10,258	3.5	362
Herd Owner, Hall Brothers, Orwell.	Difference---	(5-19-3)	-1,549	.0	-57
MILCO HOESLY STAR 5TH 814831 *13----------	22 daughters-	37	9,106	3.7	340
Born, 8-16-40; proved, 8-11-49;----; Wis.	21 daughters-	36	9,136	3.7	343
Sire, 721899; dam, 1285684.	21 dams------	90	10,865	3.7	404
Herd Owner, Milwaukee County Institutional Farm, Wauwatosa.	Difference---	(5-10-5)	-1,729	.0	-66
MILDRED FLINT FOBES ORMSBY 814792----------	6 daughters--	8	10,561	3.4	358
Born, 10-20-40; proved, 8-25-49;----; Pa.	6 dams-------	18	11,578	3.3	385
Sire, 693894; dam, 1862612.	Difference---	(1-5-2)	-1,017	+.1	-27
Herd Owner, James R. Buchanan, Hickory.					
MINSCHO ERBDALE BURKE 784155----------	11 daughters-	18	10,142	3.4	349
Born, 1-22-39; proved, 8-23-49;----; Minn.	11 dams------	42	11,610	3.2	377
Sire, 592444; dam, 1339067.	Difference---	(3-10-4)	-1,468	+.2	-28
Herd Owner, State School & Colony, Faribault.					
MOHEB CHIEF 893388----------	6 daughters--	6	14,125	3.5	488
Born, 9-14-43; proved, 8-29-49;----; Wis.	5 daughters--	5	14,956	3.5	520
Sire, 780674; dam, 1878620.	5 dams-------	7	13,475	3.5	476
Used in Badger Co-op. A. B. A.	Difference---	(3-3-3)	+1,481	.0	+44
MONCONY SIR OLLIE JUNETTA K B O 886559----------	10 daughters-	12	12,427	3.8	473
Born, 8-30-41; proved, 8-3-49; dead; N. Y.	6 daughters--	8	12,059	3.7	443
Sire, 750239; dam, 2026961.	6 dams-------	17	10,878	3.7	398
Herd Owner, Fred W. Hill & Sons, Spencerport.	Difference---	(3-3-4)	+1,181	.0	+45
MONTVIC RAG APPLE CHIEF 812000----------	39 daughters-	46	13,656	3.6	485
Born, 2-20-40; proved, 8-16-49; alive; Mich.	9 daughters--	9	14,482	3.5	509
Sire, 115346 CHB; dam, 213882 CHB.	9 dams-------	13	15,595	3.7	579
Herd Owner, Hy-Up Farm, Birmingham.	Difference---	(3-5-2)	-1,113	-.2	-70
MOONLIT DALE FLOSSIE FOBES 796307----------	12 daughters-	18	8,787	3.8	335
Born, 1-4-40; proved, 8-9-49;----; Wis.	7 daughters--	10	9,130	3.8	350
Sire, 774264; dam, 1934612.	7 dams-------	9	8,456	3.7	314
Herd Owner, Earl Raisbeck & Son, Bloomington.	Difference---	(5-4-6)	+674	+.1	+36

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MOOREBELL KORNDYKE LAST 863933----------	12 daughters-	13	13,618	3.7	499
Born, 7-20-42; proved, 8-25-49;----; Wis.	8 daughters--	8	13,724	3.6	498
Sire, 137729 CHB; dam, 208604 CHB.	8 dams-------	27	11,332	3.6	410
Herd Owner, Clarence Jaeger, Cleveland.	Difference---	(8-5-8)	+2,392	.0	+88
MOOSEHEART ADMIRAL DELLA FOBES 845522 *13----------	14 daughters-	16	11,601	3.6	417
Born, 2-22-42; proved, 8-25-49;----; Ill.	12 daughters-	13	11,403	3.6	407
Sire, 779713; dam, 1935860.	12 dams------	59	10,295	3.5	364
Herd Owner, Lortz Brothers, Freeburg.	Difference---	(8-9-10)	+1,108	+.1	+43
MT HERMON SIR GLADICE DAD INKABY 842550----------	8 daughters--	11	13,310	3.4	456
Born, 8-21-41; proved, 8-12-49;----; Mass.	7 daughters--	10	13,546	3.4	459
Sire, 743696; dam, 1657368.	7 dams-------	26	11,133	3.4	376
Herd Owner, Northfield Seminary, Northfield.	Difference---	(6-5-6)	+2,413	.0	+83
NEWMONT IDEAL LAD 889675----------	9 daughters--	9	13,046	3.5	461
Born, 9-19-43; proved, 8-30-49;----; Wis.	7 daughters--	7	13,413	3.5	476
Sire, 762722; dam, 1987741.	7 dams-------	17	14,023	3.3	470
Herd Owner, Walter F. Ochs, Cleveland.	Difference---	(4-5-4)	-610	+.2	+6
NIFTY PABST 846556 *13----------	9 daughters--	15	13,067	3.5	461
Born, 10-8-41; proved, 8-25-49; dead; Mich.	9 dams-------	54	12,052	3.6	433
Sire, 800747; dam, 1997532.	Difference---	(7-5-6)	+1,015	-.1	+28
Herd Owner, Albert P. Wardin & Sons, Hemlock.					
NITTANYVALE PIEBE GERB ONA 822284 *13----------	9 daughters--	13	11,143	3.1	342
Born, 3-19-41; proved, 8-22-49; dead; Pa.	9 dams-------	35	11,205	3.5	390
Sire, 746074; dam, 1577886.	Difference---	(5-1-2)	-62	-.4	-48
Herd Owner, State Colony, Selinsgrove.					
N J E S CONQUEROR GINNY LEIGH 854060----------	15 daughters-	17	11,834	3.8	447
Born, 5-20-42; proved, 8-29-49;----; Wis.	14 daughters-	15	12,144	3.8	459
Sire, 673525; dam, 1934770.	14 dams------	51	12,611	3.7	462
Used in Sussex Co-op. A. B. A., Inc., N. J.	Difference---	(6-11-8)	-467	+.1	-3
N J E S ORMSBY IDALIA KARL 838698----------	9 daughters--	18	8,738	3.6	315
Born, 6-17-41; proved, 8-26-49;----; Pa.	5 daughters--	10	8,896	3.5	308
Sire, 780456; dam, 2102275.	5 dams-------	33	7,728	3.8	294
Herd Owner, Ira D. Edwards, Maplewood.	Difference---	(4-0-2)	+1,168	-.3	+14
NORTH STAR SHEILA PRIDE 812939 *12----------	19 daughters-	43	12,676	3.7	468
Born, 11-9-40; proved, 8-3-49; dead; Minn.	17 daughters-	38	12,675	3.7	470
Sire, 742938; dam, 1726809.	17 dams------	57	11,097	3.4	380
Herd Owner, Christian A. Olsen & Sons, Nicollet.	Difference---	(12-15-15)	+1,578	+.3	+90
N S H BEACON CAESAR KING BESSIE 873794----------	5 daughters--	5	10,709	3.7	396
Born, 5-26-43; proved, 8-3-49; dead; Nebr.	5 dams-------	9	11,577	3.4	397
Sire, 742517; dam, 1848265.	Difference---	(2-4-3)	-868	+.3	-1
Herd Owner, William Ehrisman, Beemer.					
OAKDALE BESSIE PLUS FELTON 820359 *13----------	22 daughters-	30	10,129	3.4	346
Born, 11-10-40; proved, 8-8-49; dead; Iowa.	22 dams------	81	12,443	3.3	411
Sire, 771203; dam, 1870686.	Difference---	(3-14-5)	-2,314	+.1	-65
Herd Owner, Hospital for Epileptics & School for Feeble-Minded, Woodward.					
OCTAGONDA VICKERY NANCY KORNDYKE 814963----------	9 daughters--	9	14,614	3.4	503
Born, 10-12-40; proved, 8-22-49;----; Wis.	9 dams-------	21	13,276	3.5	464
Sire, 761356; dam, 1947517.	Difference---	(6-3-6)	+1,338	-.1	+39
Herd Owner, Laurel A. Duffin, Whitewater.					
OCTAGONDA VICKERY VALE KING 806472 *12----------	15 daughters-	26	11,470	3.6	408
Born, 2-1-40; proved, 8-31-49; dead; Wis.	12 daughters-	23	11,141	3.6	397
Sire, 768821; dam, 1736731.	12 dams------	40	11,844	3.4	408
Herd Owner, Arthur J. Gafke, Fort Atkinson.	Difference---	(4-9-5)	-703	+.2	-11
OLCOTT FARMS SIR CARROLL 813719 *12----------	15 daughters-	32	11,563	3.4	395
Born, 9-25-40; proved, 8-4-49; dead; N. Y.	15 dams------	65	11,000	3.4	376
Sire, 739011; dam, 1933390.	Difference---	(8-10-8)	+563	.0	+19
Herd Owner, J. Anson Saunders & Sons, Horseheads.					
OLLIE PIETERTJE ORMSBY FOBES 808258 *12----------	10 daughters-	14	12,406	3.4	420
Born, 4-19-40; proved, 8-11-49; dead; Wis.	10 dams------	52	9,428	3.7	349
Sire, 744378; dam, 1542622.	Difference---	(10-3-9)	+2,978	-.3	+71
Herd Owner, Martin Kohlwey, Grafton.					
OOSTIE CASCADE HOESLY TUEBIE 813790 *12----------	28 daughters-	50	13,062	3.4	450
Born, 10-3-40; proved, 8-12-49; dead; Wis.	27 daughters-	49	13,199	3.4	453
Sire, 723295; dam, 1941761.	27 dams------	93	12,562	3.4	432
Herd Owner, John W. Rufi, Monroe.	Difference---	(16-16-14)	+637	.0	+21
ORMSBY HEILO MECHTHILDE 865671----------	6 daughters--	7	8,736	3.7	326
Born, 10-13-42; proved, 8-16-49;----; Pa.	6 dams-------	8	10,186	3.8	383
Sire, 754867; dam, 1639617.	Difference---	(2-4-1)	-1,450	-.1	-57
Herd Owner, Fred D. Myers, Mechanicsburg.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ORMSBY IDEAL CONSTANCE VALE 758284----------	15 daughters-	46	9,024	3.6	321
Born, 1-9-48; proved, 8-9-49;----; N. J.	7 daughters--	20	8,859	3.6	320
Sire, 66[illegible]; dam, 1821707.	7 dams-------	39	9,770	3.4	335
Herd Owner, Ludlow Black & Son, Branchville.	Difference---	(3-6-2)	-911	+.2	-15
ORMSBY PARTHENEA BEK 789553 *12----------	11 daughters-	24	12,559	3.4	428
Born, 1-11-40; proved, 8-29-49; dead; Iowa.	10 daughters-	21	12,503	3.4	429
Sire, 740079; dam, 2082032.	10 dams------	43	12,045	3.6	435
Herd Owner, Arthur Gildner, Sumner.	Difference---	(7-2-5)	+458	-.2	-6
OSBORNDALE JOAB ORMSBY 810224 *12----------	10 daughters-	11	11,044	3.6	402
Born, 8-23-40; proved, 8-5-49; dead; N. Y.	10 dams------	37	11,807	3.6	421
Sire, 760723; dam, 1979878.	Difference---	(2-7-3)	-763	.0	-19
Herd Owner, Fred Loucks, Canton.					
OSBORNDALE KING MADOC ORMSBY 865873 *13----------	12 daughters-	17	11,402	3.4	389
Born, 10-26-42; proved, 8-19-49; dead; Pa.	12 dams------	45	10,658	3.7	390
Sire, 676023; dam, 2073439.	Difference---	(8-5-7)	+744	-.3	-1
Herd Owner, Glenn Rebuck, Greencastle.					
OSBORNDALE SIR FORES TOVARICH 876730----------	6 daughters--	7	12,085	3.6	430
Born, 2-23-43; proved, 8-22-49;----; Pa.	6 dams-------	22	11,930	3.5	419
Sire, 760642; dam, 2073448.	Difference---	(2-5-3)	+155	+.1	+11
Herd Owner, Charles F. Miller, Greencastle.					
OSBORNDALE TOVARICH ORMSBY MAY 760642----------	15 daughters-	24	11,281	3.5	399
Born, 1-1-37; proved, 8-29-49;----; Conn.	5 daughters--	7	12,526	3.6	454
Sire, 477657; dam, 1798066.	5 dams-------	11	12,713	3.6	464
Herd Owner, Whirlwind Hill Farm, Wallingford.	Difference---	(4-2-4)	-187	.0	-10
OSWEGO RIVER ORMSBY WAYNE 827181----------	5 daughters--	8	11,918	3.2	385
Born, 3-9-41; proved, 8-26-49;----; N. Y.	5 dams-------	22	10,046	3.5	354
Sire, 593178; dam, 1628937.	Difference---	(4-0-4)	+1,872	-.3	+31
Herd Owner, Sailors Snug Harbor, Staten Island.					
OVERTON STAR POSCH 853362----------	12 daughters-	12	11,344	3.3	373
Born, 4-14-41; proved, 8-15-49;----; Pa.	10 daughters-	10	11,658	3.3	382
Sire, 738695; dam, 1800743.	10 dams------	33	10,057	3.3	335
Herd Owner, Perry Goff & Sons, Montrose.	Difference---	(9-5-9)	+1,601	.0	+47
PABST BARTA BELCORN 819290 *12----------	18 daughters-	32	13,310	3.5	469
Born, 2-27-41; proved, 8-8-49;----; Wis.	18 dams------	101	13,560	3.5	477
Sire, 761980; dam, 2014514.	Difference---	(9-9-9)	-250	.0	-8
Herd Owner, Albert C. Immel & Son, Fond du Lac.					
PABST BURKE JULE 865315----------	9 daughters--	10	12,049	3.9	474
Born, 11-7-42; proved, 8-25-49;----; Wis.	9 dams-------	18	11,514	3.7	421
Sire, 697789; dam, 1897933.	Difference---	(4-8-5)	+535	+.2	+53
Herd Owner, Norris Farms School, Mukwonago.					
PABST RANGER 813659 *12----------	37 daughters-	61	11,147	3.2	361
Born, 1-11-41; proved, 8-3-49; dead; Wis.	37 dams------	181	11,257	3.2	357
Sire, 761980; dam, 1800863.	Difference---	(19-28-19)	-110	.0	+4
Herd Owner, George Tulachka, Two Rivers.					
PATHWAY HOMESTEAD PRIDE 821670----------	9 daughters--	9	12,428	3.8	469
Born, 10-30-40; proved, 8-16-49;----; Wis.	8 daughters--	8	12,182	3.8	465
Sire, 776869; dam, 1923244.	8 dams-------	26	12,782	3.7	471
Herd Owner, Wisconsin State School for Deaf, Delavan.	Difference---	(3-6-4)	-600	+.1	-6
PATHWAY HOMESTEAD WAYNE 872235----------	13 daughters-	17	11,307	3.6	413
Born, 1-15-43; proved, 8-16-49;----; Wis.	10 daughters-	13	11,046	3.7	407
Sire, 821670; dam, 1923243.	10 dams------	14	9,516	3.4	326
Herd Owner, Howard Peck & Himebauch Brothers, Burlington.	Difference---	(6-8-9)	+1,530	+.3	+81
P C ORMSBY MAY LADOGA 814547----------	9 daughters--	16	11,437	3.4	388
Born, 1-7-41; proved, 8-8-49; dead; Mass.	7 daughters--	13	11,565	3.4	390
Sire, 721042; dam, 1349239.	7 dams-------	15	10,860	3.5	377
Herd Owner, Norfolk Prison Colony, Norfolk.	Difference---	(6-3-5)	+705	-.1	+13
PECK DAISY BELLE BAKER BOY 821529----------	13 daughters-	16	12,677	3.7	467
Born, 11-12-40; proved, 8-15-49;----; Wis.	7 daughters--	8	11,921	3.7	439
Sire, 746634; dam, 2098324.	7 dams-------	26	11,538	3.5	410
Herd Owner, Arnette Peters, Sharon.	Difference---	(4-4-4)	+383	+.2	+29
PENN HALL CARNATION INKA KORNDYKE 861053----------	10 daughters-	13	8,471	3.8	321
Born, 11-17-42; proved, 8-22-49;----; Pa.	7 daughters--	9	8,280	3.8	318
Sire, 811879; dam, 2212345.	7 dams-------	24	8,607	3.6	312
Herd Owner, William P. McChesney, New Alexandria.	Difference---	(3-6-3)	-327	+.2	+6
PENSTATE DOLLY STAR JOAB 855744 *13----------	13 daughters-	16	14,844	3.4	510
Born, 6-1-42; proved, 8-11-49; dead; Pa.	13 dams------	66	12,768	3.4	437
Sire, 760723; dam, 2003973.	Difference---	(10-7-10)	+2,076	.0	+73
Herd Owner, C. F. Beck, Warriors Mark.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PENSTATE INKA PAULINE JOAB 879616----------	8 daughters--	8	11,694	3.6	419
Born, 4-7-43; proved, 8-24-49;----; Pa.	8 dams-------	22	8,954	3.5	309
Sire, 760723; dam, 2003971.	Difference---	(8-6-8)	+2,740	+.1	+110
Herd Owner, J. M. Statler & Son, Chambersburg.					
PERFECTION KING 833425----------	11 daughters-	19	10,880	3.6	390
Born, 10-7-41; proved, 8-11-49;----; Wash.	5 daughters--	7	11,462	3.5	405
Sire, 792948; dam, 2005167.	5 dams-------	10	11,631	3.4	397
Herd Owner, Peter Angerer, Carnation.	Difference---	(3-3-3)	-169	+.1	+8
PIETERTJE HARTOG OLLIE 817854 *12----------	24 daughters-	46	10,804	3.7	404
Born, 2-6-41; proved, 8-26-49;----; N. Y.	23 daughters-	45	10,819	3.8	406
Sire, 694019; dam, 1906444.	23 dams------	115	10,290	3.5	355
Herd Owner, John Bollenbach, Florida.	Difference---	(14-19-17)	+529	+.3	+51
PIETERTJE SEGIS LYONS LAD 810209----------	16 daughters-	26	13,010	3.2	421
Born, 10-27-39; proved, 8-25-49;----; Calif.	7 daughters--	8	12,970	3.2	410
Sire, 700150; dam, 1764095.	7 dams-------	15	13,591	3.1	426
Herd Owner, H. C. Witherow, Live Oak.	Difference---	(5-4-5)	-621	+.1	-16
PINEHURST BESSIE PIETERTJE ORMSBY 813960 *12----------	18 daughters-	43	12,368	3.5	429
Born, 4-6-40; proved, 8-9-49; dead; Wis.	18 dams------	82	12,155	3.3	407
Sire, 723901; dam, 1823099.	Difference---	(9-15-11)	+213	+.2	+22
Herd Owner, Reuben O. Kammann, Cleveland.					
PLUS BESSIE PONTIAC 742593----------	12 daughters-	15	12,849	3.7	477
Born, 2-24-37; proved, 8-25-49;----; Iowa.	9 daughters--	10	12,914	3.7	477
Sire, 674118; dam, 1435398.	9 dams-------	15	11,235	3.4	386
Herd Owner, Lassen Brothers Dairy Farm, Atlantic.	Difference---	(8-8-9)	+1,679	+.3	+91
POLK INKA JANNEK 860505----------	6 daughters--	7	10,418	3.7	384
Born, 11-2-42; proved, 8-22-49;----; Pa.	5 daughters--	6	10,550	3.7	387
Sire, 794315; dam, 2113457.	5 dams-------	9	9,286	3.5	326
Herd Owner, Guy W. Fuller & Son, Springboro.	Difference---	(3-5-4)	+1,264	+.2	+61
POLK SPOFFORD CREATOR 826989----------	8 daughters--	15	11,703	3.4	403
Born, 5-15-41; proved, 8-3-49; dead; Pa.	5 daughters--	10	11,447	3.5	398
Sire, 671582; dam, 1777254.	5 dams-------	13	11,102	3.6	394
Herd Owner, Paul R. Anthony, Strausstown.	Difference---	(3-3-3)	+345	-.1	+4
POSCH MONCADE ARTIS 884171----------	8 daughters--	8	13,782	3.2	446
Born, 9-19-42; proved, 8-15-49;----; Pa.	7 daughters--	7	13,659	3.2	433
Sire, 730071; dam, 2040160.	7 dams-------	13	13,717	3.2	435
Herd Owner, Woodville State Hospital, Woodville.	Difference---	(4-3-4)	-58	.0	-2
POSCH ORMSBY FOBES 25TH (TWIN) 781035----------	27 daughters-	49	13,323	3.6	481
Born, 3-5-39; proved, 8-5-49; alive; Pa.	5 daughters--	9	13,305	3.6	484
Sire, 623972; dam, 1644411.	5 dams-------	11	13,221	3.5	459
Herd Owner, Red Rose Farms, Lancaster.	Difference---	(2-4-4)	+84	+.1	+25
POSCH ORMSBY FOBES 30TH 784294 *10----------	19 daughters-	53	9,582	3.6	343
Born, 8-18-39; proved, 8-24-49;----; Iowa.	17 daughters-	45	9,574	3.6	344
Sire, 623972; dam, 1831710.	17 dams------	64	10,765	3.4	369
Herd Owner, George A. Kilen, Lake Mills.	Difference---	(4-14-5)	-1,191	+.2	-25
POSCH ORMSBY FOBES 39TH 822715 *12----------	25 daughters-	46	12,859	3.4	441
Born, 1-9-41; proved, 8-25-49; dead; Wis.	23 daughters-	43	12,932	3.5	446
Sire, 623972; dam, 1628533.	23 dams------	80	12,788	3.6	459
Herd Owner, Harry Brewer, Richland Center.	Difference---	(11-9-10)	+144	-.1	-13
POSCH ORMSBY FOBES MODEL DELL 816450 *12----------	54 daughters-	85	12,097	3.5	421
Born, 1-11-41; proved, 8-9-49;----; Wis.	49 daughters-	77	12,213	3.5	427
Sire, 623972; dam, 1335255.	49 dams------	156	12,561	3.4	433
Herd Owner, Edwin J. Beuchel, Sheboygan.	Difference---	(21-28-21)	-348	+.1	-6
PRINCE LOTTIE PIEBE 809905----------	10 daughters-	18	8,768	3.7	325
Born, 12-8-39; proved, 8-16-49;----; Va.	8 daughters--	15	8,439	3.8	324
Sire, 725000; dam, 1834156.	8 dams-------	19	10,451	3.5	363
Herd Owner, A. H. Jones, Somerset.	Difference---	(2-7-2)	-2,012	+.3	-39
PRINCE ORMSBY AAGGIE ENSIGN SALO 877735----------	7 daughters--	7	9,874	3.6	352
Born, 10-2-42; proved, 8-24-49;----; Iowa.	6 daughters--	6	9,849	3.6	353
Sire, 780581; dam, 2020799.	6 dams-------	23	9,791	3.4	333
Herd Owner, Herman O. Karnatz & Son, New Hampton.	Difference---	(3-4-4)	+58	+.2	+20
QUONQUONT MADCAP MODEST 775874----------	7 daughters--	8	7,944	3.6	287
Born, 2-22-39; proved, 8-16-49;----; Ohio.	5 daughters--	5	9,258	3.5	327
Sire, 723714; dam, 1612766.	5 dams-------	10	9,741	3.6	347
Herd Owner, Lawrence McCullough, Mingo Junction.	Difference---	(2-3-2)	-483	-.1	-20
RAG APPLE MONTVIC CHANCELLOR 853525----------	11 daughters-	11	11,511	3.4	396
Born, 5-19-42; proved, 8-4-49;----; Wis.	10 daughters-	10	11,501	3.5	397
Sire, 772605; dam, 1932619.	10 dams------	28	12,240	3.6	435
Herd Owner, Starland Farms, Fremont.	Difference---	(4-3-4)	-739	-.1	-38

HOLSTEIN SIRES	Animals	[illegible] averaged	Milk	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
RAG APPLE PEARL DOWNEASTER 853213 *13	14 daughters-	16	[illegible]	3.7	357
Born, 6-20-41; proved, 8-11-49; dead; Iowa.	9 daughters--	11	9,201	3.7	341
Sire, 795239; dam, 1544178.	9 dams-------	29	10,189	3.6	370
Herd Owner, William P. Senger & Son, South English.	Difference---	(2-8-3)	-988	+.1	-29
RAINBOW CAPTAIN BOLD 3D (TWIN) 863871	16 daughters-	18	13,447	3.4	464
Born, 12-29-42; proved, 8-25-49;----; Mich.	11 daughters-	13	13,131	3.4	448
Sire, 822580; dam, 2097209.	11 dams------	26	12,982	3.5	458
Herd Owner, Paul Steinacker, Fowlerville.	Difference---	(6-6-6)	+149	-.1	-10
RALPH ORMSBY AIM 833022	10 daughters-	15	13,800	3.7	513
Born, 10-5-41; proved, 8-3-49;----; Ill.	6 daughters--	8	14,117	3.7	527
Sire, 780041; dam, 2027678.	6 dams-------	8	12,722	3.7	471
Herd Owner, Ralph A. Hayne, Elgin.	Difference---	(4-3-4)	+1,395	.0	+56
RINKLAND BELCADE DEWDROP 838899 *13	26 daughters-	32	13,112	3.5	455
Born, 6-20-41; proved, 8-4-49;----; Mich.	24 daughters-	30	13,055	3.5	452
Sire, 769920; dam, 1955607.	24 dams------	86	11,496	3.5	403
Herd Owner, Francis Doherty, Brown City.	Difference---	(19-13-16)	+1,559	.0	+49
R M F FALISON 765346	22 daughters-	38	12,145	3.8	455
Born, 9-4-37; proved, 8-8-49; dead; N. Y.	6 daughters--	12	11,902	3.6	431
Sire, 740495; dam, 1286260.	6 dams-------	12	13,192	3.6	472
Herd Owner, C. G. Willcox, North Norwich.	Difference---	(3-5-3)	-1,290	.0	-41
R M F PERFECTION 849727	6 daughters--	7	12,377	3.5	428
Born, 12-11-41; proved, 8-8-49; alive; N. Y.	6 dams-------	23	11,302	3.6	412
Sire, 783231; dam, 2002438.	Difference---	(4-2-3)	+1,075	-.1	+16
Herd Owner, Kings Park State Hospital, Kings Park.					
RONDOUT MILLARD 823605 *12	12 daughters-	21	10,596	3.5	369
Born, 10-31-40; proved, 8-25-49;----; N. Y.	9 daughters--	17	11,019	3.4	371
Sire, 755400; dam, 1876461.	9 dams-------	25	11,245	3.4	381
Herd Owner, William C. Anderson, Accord.	Difference---	(5-3-5)	-226	.0	-10
ROSENHOLM KING PIETERTJE PIEBE 812494	8 daughters--	11	10,519	3.6	381
Born, 1-26-40; proved, 8-9-49;----; Wis.	7 daughters--	9	10,849	3.7	397
Sire, 652275; dam, 1878442.	7 dams-------	14	9,872	3.3	330
Herd Owner, Otto C. Farner, Mondovi.	Difference---	(6-6-7)	+977	+.4	+67
ROYAL DUKE PONTIAC 847155 *13	10 daughters-	14	11,980	3.7	444
Born, 8-29-41; proved, 8-25-49; dead; Iowa.	9 daughters--	13	11,942	3.7	445
Sire, 796929; dam, 1799428.	9 dams-------	36	10,351	3.6	373
Herd Owner, Amos C. Peterson & Son, Ionia.	Difference---	(7-7-8)	+1,591	+.1	+72
ST CROIXCO DICTATOR BELMONT 884513	6 daughters--	6	15,293	3.6	551
Born, 4-8-43; proved, 8-16-49;----; Wis.	5 daughters--	5	15,372	3.6	550
Sire, 715862; dam, 2104802.	5 dams-------	22	14,128	3.5	488
Herd Owner, H. F. Hansman & Kenneth Brehm, Knapp.	Difference---	(5-3-5)	+1,244	+.1	+62
SAM PIEBE GLORIA ORMSBY 792097	10 daughters-	18	8,729	3.7	327
Born, 12-25-39; proved, 8-16-49;----; Pa.	7 daughters--	13	9,019	3.7	330
Sire, 590765; dam, 1468633.	7 dams-------	15	10,415	3.4	354
Herd Owner, Fred D. Myers, Mechanicsburg.	Difference---	(2-7-2)	-1,396	+.3	-24
SARANAC ORMSBY BURKE 825944	5 daughters--	6	10,969	3.8	414
Born, 10-8-40; proved, 8-31-49;----; N. Y.	5 dams-------	17	12,658	3.6	458
Sire, 801317; dam, 2142719.	Difference---	(1-3-1)	-1,689	+.2	-44
Herd Owner, Henry Hollis, Ray Brook.					
SHANLEY INKA BESSIE 887914	7 daughters--	7	13,266	3.7	487
Born, 7-15-43; proved, 8-8-49;----; Wis.	7 dams-------	39	12,524	3.7	461
Sire, 839331; dam, 1909690.	Difference---	(4-3-5)	+742	.0	+26
Herd Owner, Albert C. Immel & Son, Fond du Lac.					
SHAWS AIM DAUNTLESS BEETS 847162 *13	21 daughters-	22	10,019	3.4	344
Born, 5-1-42; proved, 8-8-49; dead; Maine.	21 dams------	84	11,280	3.4	387
Sire, 780041; dam, 1930690.	Difference---	(5-13-6)	-1,261	.0	-43
Herd Owner, A. Ray Thompson & Sons, Prentiss.					
SHAWS DAUNTLESS DIRECT COLANTHA 897789	11 daughters-	11	12,125	3.9	473
Born, 10-6-43; proved, 8-29-49;----; Mass.	6 daughters--	6	12,344	3.7	457
Sire, 668530; dam, 1843595.	6 dams-------	13	11,573	3.2	372
Used in Massachusetts A. B. A., Inc.	Difference---	(4-6-4)	+771	+.5	+85
SIR BELMONT CASCADE PABST 807162 *12	30 daughters-	50	9,628	3.8	366
Born, 1-24-40; proved, 8-9-49;----; Va.	27 daughters-	45	9,609	3.8	368
Sire, 748392; dam, 1625184.	27 dams------	118	10,241	3.5	358
Herd Owner, F. W. McComb, Bluemont.	Difference---	(10-25-14)	-632	+.3	+10
SIR BLACKIE OAK JOHANNA 803162 *11	18 daughters-	41	12,402	3.5	434
Born, 1-17-40; proved, 8-4-49; dead; Wis.	17 daughters-	39	12,381	3.5	437
Sire, 744598; dam, 1634879.	17 dams------	56	12,242	3.3	409
Herd Owner, Russell Kahl, Verona.	Difference---	(12-13-11)	+139	+.2	+28

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR DOUGLAS BURKE GERB COLAN HERO 820749 *13----------	16 daughters-	26	12,166	3.5	430
Born, 11-14-40; proved, 8-31-49;----; Iowa.	9 daughters--	17	11,892	3.5	421
Sire, 660575; dam, 1756206.	9 dams-------	21	12,663	3.6	459
Herd Owner, Folmer C. Hansen, Cedar Falls.	Difference---	(4-3-4)	-771	-.1	-38
SIR DOUGLAS BURKE PIEBE GERB COLA S 820751 *12----------	13 daughters-	19	10,741	3.6	391
Born, 11-17-40; proved, 8-19-49; dead; N. Y.	13 dams------	60	12,567	3.6	453
Sire, 660575; dam, 1971683.	Difference---	(2-8-2)	-1,826	.0	-62
Herd Owner, Burton F. Aldrich, Fredonia.					
SIR HILLVALE LASS 823964 *12----------	15 daughters-	32	13,311	3.3	440
Born, 9-16-40; proved, 8-25-49; dead; Wis.	15 dams------	79	11,802	3.5	419
Sire, 693222; dam, 1813828.	Difference---	(14-3-11)	+1,509	-.2	+21
Herd Owner, Walter K. Ahlers, Grafton.					
SIR HOMESTEAD PROSPECT DICTATOR 819150----------	11 daughters-	20	13,525	3.5	469
Born, 9-30-40; proved, 8-15-49; dead; Minn.	5 daughters--	9	14,592	3.4	498
Sire, 721252; dam, 1983239.	5 dams-------	8	10,285	3.4	353
Herd Owner, Howland Brothers, Northfield.	Difference---	(4-3-5)	+4,307	.0	+145
SIR MEADOW BESS ORMSBY FOBES 803220 *12----------	13 daughters-	32	10,900	3.7	398
Born, 1-11-40; proved, 8-4-49;----; Wis.	11 daughters-	27	10,745	3.7	397
Sire, 758856; dam, 1917000.	11 dams------	51	10,798	3.5	380
Herd Owner, Harold Pritzl, Cato.	Difference---	(4-11-7)	-53	+.2	+17
SIR MIRANDA CASCADE HOMESTEAD 852970 *13----------	19 daughters-	26	9,234	3.6	330
Born, 5-7-42; proved, 8-29-49;----; Wis.	19 dams------	105	10,111	3.5	354
Sire, 778235; dam, 2037426.	Difference---	(7-11-9)	-877	+.1	-24
Herd Owner, Mrs. Abbie E. & Robert F. Newman, Juda.					
SIR OLIVER ORMSBY BOON 832643----------	8 daughters--	8	10,625	3.4	359
Born, 6-12-41; proved, 8-26-49;----; N. Y.	7 daughters--	7	10,371	3.4	356
Sire, 782058; dam, 1758559.	7 dams-------	23	11,474	3.3	384
Herd Owner, Othello A. Hewitt, Madison.	Difference---	(1-7-2)	-1,103	+.1	-28
SIR ORMSBY CHIEFTAIN DIRECT 870736 *(Apr. 1949)----------	26 daughters-	30	15,517	3.7	579
Born, 9-7-41; proved, 8-23-49;----; N. Y.	25 daughters-	28	15,477	3.7	578
Sire, 695631; dam, 1917378.	25 dams------	123	12,918	3.5	457
Used in Northwest A. B. A., Minn.	Difference---	(17-19-21)	+2,559	+.2	+121
SIR ORMSBY FOBES DICTATOR 52D 857503 *13----------	14 daughters-	17	12,493	3.7	467
Born, 4-11-42; proved, 8-11-49;----; Minn.	13 daughters-	16	12,510	3.7	465
Sire, 662443; dam, 1923655.	13 dams------	31	12,824	3.5	450
Herd Owner, Edward W. Heuer & Sons, Norwood.	Difference---	(6-11-7)	-314	+.2	+15
SIR ORMSBY ROSE PLUTO FOBES 773762----------	8 daughters--	11	9,779	3.6	354
Born, 4-13-38; proved, 8-22-49;----; Iowa.	6 daughters--	8	10,004	3.7	365
Sire, 699293; dam, 1728676.	6 dams-------	7	11,109	3.6	401
Herd Owner, E. A. Weber & Sons, Donnellson.	Difference---	(2-5-2)	-1,105	+.1	-36
SIR PANSY BURTON DE KOL BURKE 803781----------	5 daughters--	6	14,909	3.3	497
Born, 12-4-39; proved, 8-15-49;----; Ill.	5 dams-------	25	14,397	3.4	485
Sire, 729720; dam, 1479956.	Difference---	(3-3-3)	+512	-.1	+12
Herd Owner, Wayne Miller, Neponset.					
SIR PARTHENEA TRANSMITTER 836844----------	13 daughters-	18	12,348	3.4	420
Born, 7-5-41; proved, 8-26-49;----; Iowa.	5 daughters--	6	10,860	3.3	359
Sire, 754520; dam, 2077996.	5 dams-------	12	11,617	3.3	388
Herd Owner, C. Howard Schoby, Bode.	Difference---	(2-3-2)	-757	.0	-29
SIR PIEBE FOBES TRIUNE 848343----------	10 daughters-	18	12,689	3.7	465
Born, 1-12-41; proved, 8-25-49;----; Kans.	7 daughters--	11	12,399	3.6	482
Sire, 744678; dam, 2003043.	7 dams-------	20	13,608	3.4	465
Herd Owner, Schneider Brothers, Salina.	Difference---	(3-7-4)	-209	+.2	+17
SIR PIETERTJE ORMSBY SENSATION 859386----------	7 daughters--	8	11,6[illegible]	3.6	4[illegible]
Born, 2-3-42; proved, 8-22-49;----; Wis.	7 dams-------	28	12,6[illegible]	3.5	44[illegible]
Sire, 673465; dam, 1908880.	Difference---	(5-4-5)	+12	+.1	+[illegible]
Herd Owner, Walter Reaue, Thiensville.					
SIR PRIDE SUPERBA HENGERVELD 4TH 8[illegible]	13 daughters-	2[illegible]	10,905	3.6	390
Born, 9-20-40; proved, 8-9-49; dead; Iowa.	[illegible] dams------	59	11,6[illegible]	3.4	390
Sire, 781198; dam, 1613596.	Difference---	(3-11-6)	-708	+.2	[illegible]
Herd Owner, Harold H. Meyer, Maynard.					
SIR ROSNI HOMESTEAD ORMSBY 8[illegible] *1[illegible]	27 daughters-	36	10,55[illegible]	3.6	375
Born, 3-27-40; proved, 8-9-49; dead; Va.	18 daughters-	25	10,883	3.6	39[illegible]
Sire, 654536; dam, 1822436.	18 dams------	60	11,092	3.5	390
Herd Owner, D. French Slaughter, Culpeper.	Difference---	(10-12-10)	-209	+.1	+2
SIR TRANSMITTER ORMSBY FOBES 877497----------	11 daughters-	14	1[illegible],458	3.5	459
Born, 3-10-43; proved, 8-8-49;----. Ill.	7 daughters--	8	13,000	3.5	456
Sire, 754520; dam, 1959002.	7 dams-------	13	15,[illegible]36	3.3	510
Herd Owner, Loy McCauley, Dakota.	Difference---	(1-7-2)	-2,[illegible]36	+.2	-54

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
SLEEPY HOLLOW LYONS WALKER 822624----------	5 daughters--	6	10,7[illegible]	3.7	400
Born, 1-12-41; proved, 8-30-49;----; Calif.	5 dams-------	13	13,148	3.3	428
Sire, 696409; dam, 1958779.	Difference---	(1-5-2)	-2,356	+.4	-28
Herd Owner, Sleepy Hollow Certified Milk Co., Petaluma.					
SLEEPY HOLLOW RAG APPLE COLANTHA 855703----------	10 daughters-	12	10,236	3.8	385
Born, 6-28-42; proved, 8-4-49;----; Mass.	8 daughters--	10	10,136	3.7	378
Sire, 696409; dam, 1653588.	8 dams-------	33	12,779	3.4	434
Herd Owner, John & Steven Sena, Easthampton.	Difference---	(1-7-1)	-2,643	+.3	-56
SMITHLAND MARATHON SEVEN-UP 813591 *12----------	13 daughters-	20	10,782	3.5	373
Born, 7-7-40; proved, 8-19-49; dead; N. Y.	13 dams------	72	11,421	3.7	419
Sire, 749356; dam, 1982608.	Difference---	(5-3-2)	-639	-.2	-46
Herd Owner, J. Howard Coon, Homer.					
SPRUCEFRONT DICTATOR RETURN 4TH 841273----------	6 daughters--	10	12,646	3.3	414
Born, 5-25-41; proved, 8-3-49;----; Iowa.	5 daughters--	8	12,560	3.3	413
Sire, 792250; dam, 2002900.	5 dams-------	31	12,502	3.2	397
Herd Owner, Vern H. Bahde, Lake Park.	Difference---	(3-4-3)	+58	+.1	+16
S P S M TRAVERSE ORMSBY ONA 808531----------	12 daughters-	27	13,233	3.5	459
Born, 3-25-40; proved, 8-19-49;----; Mich.	9 daughters--	19	12,730	3.5	446
Sire, 636834; dam, 1580552.	9 dams-------	18	11,410	3.4	384
Herd Owner, Gottfreid Graf & Son, Stockbridge.	Difference---	(7-7-9)	+1,320	+.1	+62
SPUDFIELD HOMLAND FRANBERG 797148----------	6 daughters--	10	12,950	3.4	442
Born, 3-13-39; proved, 8-15-49;----; Ill.	5 daughters--	7	12,722	3.4	436
Sire, 755282; dam, 1889465.	5 dams-------	11	13,286	3.4	453
Herd Owner, W. C. McFadden & Son, Apple River.	Difference---	(3-2-3)	-564	.0	-17
SUGARLAND KING DELLA FOBES (TWIN) 885301----------	6 daughters--	6	12,621	3.6	453
Born, 10-20-42; proved, 8-2-49; dead; Mich.	6 dams-------	17	12,268	3.4	414
Sire, 697600; dam, 1982024.	Difference---	(3-4-3)	+353	+.2	+39
Herd Owner, Gail A. Jewell, Fremont.					
SUZONE CREAMELLE SEGIS 810416 *13----------	11 daughters-	17	8,701	3.6	315
Born, 10-21-40; proved, 8-23-49; dead; Pa.	11 dams------	61	8,977	3.6	322
Sire, 780527; dam, 1973436.	Difference---	(6-6-5)	-276	.0	-7
Herd Owner, Motichka Brothers, Moscow.					
SWARTZ CHIEFTAIN FOBES 872945----------	10 daughters-	11	12,625	3.9	493
Born, 5-1-43; proved, 8-9-49;----; Wis.	7 daughters--	7	12,005	4.0	480
Sire, 733104; dam, 1423844.	7 dams-------	16	12,904	3.5	451
Herd Owner, Weber Brothers, Bloomer.	Difference---	(2-6-5)	-899	+.5	+29
THAIN MARATHON COLANTHA 814837 *12----------	14 daughters-	35	10,301	3.4	352
Born, 5-6-40; proved, 8-8-49; dead; Idaho.	14 dams------	61	11,297	3.2	359
Sire, 741290; dam, 2107802.	Difference---	(3-11-9)	-996	+.2	-7
Herd Owner, Earl H. Shumway, Franklin.					
THORN HENGERVELD ORMSBY FOBES 809180 *13----------	9 daughters--	22	11,444	3.3	376
Born, 5-19-40; proved, 8-8-49; dead; Wis.	9 dams-------	30	11,440	3.2	371
Sire, 746372; dam, 1770842.	Difference---	(5-7-5)	+4	+.1	+5
Herd Owner, Hilgendorf & Appenfeldt, Juneau.					
TRANQUILLITY TRAILBLAZER BOAST 894536 *(July 1949)---------	19 daughters-	19	14,220	3.7	521
Born, 12-13-43; proved, 8-16-49;----; Wis.	19 dams------	54	11,593	3.5	408
Sire, 854210; dam, 2202928.	Difference---	(15-13-17)	+2,627	+.2	+113
Herd Owner, Carl J. Nelson, Barron.					
TREMCO SUPERIOR EMPEROR KING 809001 *11----------	13 daughters-	32	8,065	3.5	279
Born, 2-18-40; proved, 8-9-49;----; Wis.	13 dams------	74	10,595	3.4	358
Sire, 711710; dam, 1983397.	Difference---	(0-8-0)	-2,530	+.1	-79
Herd Owner, Mrs. Abbie E. & Robert F. Newman, Juda.					
TYLER FARMS CHIEFTAIN 788987----------	8 daughters--	11	12,443	3.7	462
Born, 3-28-39; proved, 8-29-49;----; Vt.	5 daughters--	6	13,083	3.7	482
Sire, 739470; dam, 1639844.	5 dams-------	9	10,340	3.8	396
Herd Owner, E. T. Hubbard, Putney.	Difference---	(5-3-5)	+2,743	-.1	+86
U OF MD LIEUTENANT ACHIEVER 845905 *13----------	11 daughters-	14	12,257	3.6	442
Born, 1-6-42; proved, 8-19-49;----; Md.	11 dams------	41	11,125	3.6	403
Sire, 731994; dam, 1942540.	Difference---	(8-6-7)	+1,132	.0	+39
Used in Maryland Co-op. A. B. A., Inc.					
VALESIDE PRINCE DE KOL VICTOR 824121 *12----------	11 daughters-	16	11,978	3.5	416
Born, 1-29-41; proved, 8-26-49; dead; N. Y.	11 dams------	30	13,519	3.6	488
Sire, 771664; dam, 1817434.	Difference---	(4-3-3)	-1,541	-.1	-72
Herd Owner, Broadmeadow Farm #1, Dolgeville.					
VERNWAY BOND 885659----------	9 daughters--	9	15,139	3.5	524
Born, 2-21-43; proved, 8-3-49; dead; Wash.	6 daughters--	6	14,407	3.4	492
Sire, 779539; dam, 1695814.	6 dams-------	15	13,627	3.4	468
Herd Owner, Maid O'Clover Dairy, Wapato.	Difference---	(4-2-4)	+780	.0	+24

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
VERNAWY COUNT PORTLAND 820949----------	5 daughters--	6	10,023	3.2	323
Born, 10-4-40; proved, 8-15-49;----; Wash.	5 dams-------	13	12,982	3.3	428
Sire, 779539; dam, 1804998.	Difference---	(1-2-1)	-2,959	-.1	-105
Herd Owner, Kirkman Co. & Almos Reynolds, Lowden.					
VERTLAND EKSTER KING 757693----------	14 daughters-	25	11,376	3.6	415
Born, 5-28-37; proved, 8-4-49;----; Vt.	5 daughters--	8	11,340	3.8	428
Sire, 579109; dam, 1591900.	5 dams-------	6	9,267	3.6	333
Herd Owner, M. Clark, Williston.	Difference---	(5-5-5)	+2,073	+.2	+95
VON ALLMEN BURKE FOBES KENT 852389 *11----------	33 daughters-	60	12,208	3.4	414
Born, 10-6-39; proved, 8-15-49;----; Ky.	31 daughters-	57	12,263	3.4	415
Sire, 743729; dam, 1507878.	31 dams------	127	11,920	3.4	399
Herd Owner, John A. Moser, Louisville.	Difference---	(17-19-17)	+343	.0	+16
WAIT FARM CARNJON WATCHMAN 841731----------	12 daughters-	14	14,688	3.5	521
Born, 1-3-42; proved, 8-3-49; dead; N. Y.	6 daughters--	7	14,026	3.7	517
Sire, 747248; dam, 1906624.	6 dams-------	14	14,559	3.9	566
Herd Owner, Willet K. Parliman, Lagrangeville.	Difference---	(2-3-2)	-533	-.2	-49
WALKER-FIELD IMPERIAL HILL 849265----------	13 daughters-	14	9,693	3.8	371
Born, 5-26-42; proved, 8-25-49;----; Pa.	10 daughters-	10	9,455	3.8	359
Sire, 754867; dam, 1939432.	10 dams------	35	11,552	3.8	433
Herd Owner, Alvan H. Brechbill, Chambersburg.	Difference---	(2-6-2)	-2,097	.0	-74
WALKER PRILLY SPOFFORD 812764----------	13 daughters-	24	11,134	3.6	404
Born, 10-17-40; proved, 8-15-49;----; Pa.	13 dams------	55	11,382	3.5	398
Sire, 768523; dam, 1946195.	Difference---	(8-10-8)	-248	+.1	+6
Herd Owner, D. N. Cairns & Son, Ligonier.					
WEBER BURKE MURKY 831321----------	8 daughters--	8	12,662	3.1	389
Born, 4-29-41; proved, 8-12-49;----; Utah.	6 daughters--	6	11,653	3.2	372
Sire, 697789; dam, 1872851.	6 dams-------	16	9,089	3.2	287
Herd Owner, Dee & Lee Brown, Ogden.	Difference---	(6-3-6)	+2,564	.0	+85
WEE WONDER LASS PIETERTJE 817234 *13----------	14 daughters-	22	10,879	3.5	377
Born, 10-4-40; proved, 8-16-49; dead; Wis.	14 dams------	71	11,557	3.5	410
Sire, 737653; dam, 1629163.	Difference---	(4-5-3)	-678	.0	-33
Herd Owner, Otto Kohlwey, Grafton.					
WESTRICK FARMS ORMSBY CHAMPION 836387----------	13 daughters-	15	11,999	3.4	410
Born, 7-12-41; proved, 8-4-49; dead; Ohio.	5 daughters--	6	12,667	3.4	432
Sire, 697599; dam, 1810000.	5 dams-------	5	10,510	3.4	356
Herd Owner, Isaac Mapp & Son, Springfield.	Difference---	(5-2-5)	+2,157	.0	+76
WEST-VILLA ACCA ROB 866658----------	6 daughters--	9	11,722	3.5	409
Born, 11-1-41; proved, 8-30-49;----; Wis.	6 dams-------	13	10,258	3.4	352
Sire, 729676; dam, 1882833.	Difference---	(4-4-4)	+1,464	+.1	+57
Herd Owner, Irving & Ada Westphal, Elkhorn.					
WILONA PRILLY ORMSBY RELIANCE 812673 *13----------	18 daughters-	28	10,503	3.5	365
Born, 11-14-40; proved, 8-2-49; dead; Pa.	17 daughters-	26	10,628	3.5	370
Sire, 736077; dam, 1878133.	17 dams------	88	10,339	3.6	371
Herd Owner, C. T. Donthitt & Son, Darlington.	Difference---	(10-8-10)	+289	-.1	-1
WIMBLEDON EMPEROR MATCHMAKER 858700----------	6 daughters--	10	14,445	3.6	520
Born, 8-12-42; proved, 8-16-49;----; Pa.	6 dams------	18	12,332	3.5	436
Sire, 786316; dam, 2092070.	Difference---	(6-6-6)	+2,113	+.1	+84
Herd Owner, Clarence F. Miller, Chambersburg.					
WINTERTHUR SELECT FOBES XOTIC 862757----------	8 daughters--	10	10,764	3.6	389
Born, 9-18-42; proved, 8-23-49;----; N. J.	6 daughters--	7	11,277	3.6	408
Sire, 750000; dam, 2175797.	6 dams-------	11	11,913	3.9	464
Herd Owner, Alvin String, Harrisonville.	Difference---	(2-1-1)	-636	-.3	-56
W I S DELL ORMSBY LASS 843086 *(Mar. 1949)----------	8 daughters--	10	12,716	3.5	442
Born, 1-22-42; proved, 8-29-49;----; Wis.	8 dams-------	25	11,920	3.5	416
Sire, 698242; dam, 1811689.	Difference---	(6-5-4)	+796	.0	+26
Herd Owner, Walter K. Ahlers, Grafton.					
W I S NETHERLAND 812212----------	15 daughters-	19	12,590	3.6	447
Born, 11-5-40; proved, 8-2-49;----; Minn.	6 daughters--	7	12,619	3.6	453
Sire, 763319; dam, 1862530.	6 dams-------	11	13,750	3.3	449
Herd Owner, Ridge Brothers, Worthington.	Difference---	(1-6-4)	-1,131	+.3	+4
WIS PRINCE DUCHESS PRIDE 848920----------	5 daughters--	7	13,607	3.3	451
Born, 4-28-42; proved, 8-26-49;----; Wis.	5 dams-------	19	12,982	3.4	441
Sire, 782204; dam, 2084079.	Difference---	(4-2-4)	+625	-.1	+10
Herd Owner, Louis Brodhagen, Bonduel.					
W I S ROYAL LAD 826435 *13----------	17 daughters-	31	13,269	3.5	467
Born, 6-18-41; proved, 8-23-49;----; Wis.	13 daughters-	25	13,284	3.6	472
Sire, 698242; dam, 1623910.	13 dams------	28	12,355	3.4	416
Used in Inter-Co. A. B. A., Ill.	Difference---	(8-10-8)	+929	+.2	+56

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WITTENBORN INKA PEGGY LAD 938091 *13----------	14 daughters-	21	13,294	3.5	461
Born, 2-14-40; proved, 8-19-49;----; Ill.	8 daughters--	11	13,391	3.5	464
Sire, 705907; dam, 2[illegible]3513.	8 dams-------	15	15,324	3.4	521
Herd Owner, Raymond Wittenborn, Sparta.	Difference---	(2-5-1)	-1,933	+.1	-57
21-I9105 (DHIA EARTAG)----------	7 daughters--	13	12,946	3.4	437
Born, ----; proved, 8-26-49;----; N. Y.	7 dams-------	28	12,895	3.5	447
Sire, ----; dam, ----.	Difference---	(4-3-3)	+51	-.1	-10
Herd Owner, Harold Giles, Union Springs.					
21*16101 (BANGS OR TB EARTAG)----------	9 daughters--	12	9,793	3.7	365
Born, ----; proved, 8-10-49;----; N. Y.	7 daughters--	10	10,054	3.7	372
Sire, ----; dam, ----.	7 dams-------	17	10,746	3.6	387
Herd Owner, Chauncey Diefendorf, Canajoharie.	Difference---	(3-5-2)	-692	+.1	-15
43-B2601 (DHIA EARTAG)----------	9 daughters--	12	14,358	3.4	493
Born, ----; proved, 8-26-49;----; Mo.	6 daughters--	7	14,586	3.4	502
Sire, ----; dam, ----.	6 dams-------	26	13,006	3.5	458
Herd Owner, Missouri Training School, Boonville.	Difference---	(5-2-4)	+1,580	-.1	+44

JERSEY SIRES

ACTOR MASTER OXFORD 401821 *10----------	13 daughters-	30	7,062	5.5	388
Born, 9-26-38; proved, 8-16-49;----; Mich.	7 daughters--	21	7,450	5.5	408
Sire, 351080; dam, 972217.	7 dams-------	33	7,158	5.4	385
Herd Owner, George Winegar, Morrice.	Difference---	(4-5-5)	+292	+.1	+23
ADA'S INTEREST OBSERVER 421880----------	7 daughters--	8	5,236	6.0	313
Born, 7-3-40; proved, 8-4-49;----; Ill.	7 dams-------	16	6,654	6.0	402
Sire, 378562; dam, 886572.	Difference---	(1-5-1)	-1,418	.0	-89
Herd Owner, Carl M. Kibler, Rose Hill.					
ADVANCER OBSERVER 391498----------	9 daughters--	10	8,102	4.7	381
Born, 6-28-38; proved, 8-9-49; alive; Ohio.	6 daughters--	7	7,879	4.7	373
Sire, 367164; dam, 1119497.	6 dams-------	6	7,330	5.1	374
Herd Owner, Samuel S. Studebaker, Jr., Tipp City.	Difference---	(3-3-3)	+549	-.4	-1
ADVANCER'S WHIRLAWAY 430288 *13----------	21 daughters-	28	6,964	5.5	380
Born, 10-28-41; proved, 8-22-49; alive; Iowa.	18 daughters-	25	7,157	5.4	390
Sire, 367164; dam, 1117646.	18 dams------	67	6,037	5.0	301
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).	Difference---	(17-15-17)	+1,120	+.4	+89
BEAU BLONDE OF BROOKMEAD 418438 *12----------	30 daughters-	54	7,454	5.2	390
Born, 5-2-40; proved, 8-4-49; dead; Md.	29 daughters-	52	7,394	5.3	388
Sire, 376708; dam, 1092674.	29 dams------	91	7,591	4.9	371
Herd Owner, Glenn McGrady, Rising Sun.	Difference---	(14-20-18)	-197	+.4	+17
BELLE'S ESTELLA VOLUNTEER 430901 *(Feb. 1949)----------	17 daughters-	21	8,218	5.1	422
Born, 11-20-41; proved, 8-29-49; dead; Wis.	14 daughters-	18	8,328	5.2	433
Sire, 357049; dam, 1224331.	14 dams------	43	8,384	5.2	433
Herd Owner, Lee R. Wilkins, Livingston.	Difference---	(5-7-6)	-56	.0	0
BELLE SON OF MARION FARM 449432 *12----------	9 daughters--	11	9,331	5.2	490
Born, 4-1-42; proved, 8-19-49;----; Mo.	9 dams-------	26	9,064	5.3	484
Sire, 406501; dam, 1099446.	Difference---	(5-5-5)	+267	-.1	+6
Used in M. F. A. A. B. A.					
BINDLE'S PRIMROSE ADVANCER 405295 *10----------	40 daughters-	75	7,768	5.3	408
Born, 8-19-39; proved, 8-15-49;----; Iowa.	33 daughters-	65	7,641	5.3	406
Sire, 367164; dam, 1065221.	33 dams------	98	7,652	5.2	399
Herd Owner, Bert Sams & Sons, Beaman.	Difference---	(15-21-17)	-11	+.1	+7
BLONDE STANDARD KING 405222 *(Mar. 1949)----------	21 daughters-	41	5,195	5.0	259
Born, 11-12-38; proved, 8-3-49; dead; Ga.	17 daughters-	33	4,987	5.0	248
Sire, 377479; dam, 1044620.	17 dams------	60	4,808	5.1	243
Herd Owner, T. R. Breedlove, Jr., Monroe.	Difference---	(6-10-8)	+179	-.1	+5
BONNIE OWL ARISTOCRAT 414784 *12----------	23 daughters-	45	8,094	5.2	424
Born, 12-31-39; proved, 8-2-49;----; Va.	23 dams------	72	7,649	5.5	417
Sire, 298411; dam, 963961.	Difference---	(12-6-10)	+445	-.3	+7
Herd Owner, Cleveland Dairy Farm, Orange.					
BRAMPTON BRAE DESIGN 418169 *12----------	20 daughters-	[illegible]	7,479	5.3	400
Born, 11-8-38; proved, 8-10-49;----; Iowa.	19 daughters-	41	7,487	5.4	403
Sire, 51067 CJCC; dam, 53782 CJCC.	19 dams------	[illegible]	8,520	5.3	[illegible]
Herd Owner, Russell Lyon, Traer.	Difference---	(6-12-5)	-1,033	+.1	-51
BRAMPTON ROYAL NOBLE AIM 408743 *12----------	16 daughters-	[illegible]	8,025	5.0	[illegible]
Born, 7-1-39; proved, 8-26-49;----; Mich.	11 daughters-	[illegible]	8,086	5.0	[illegible]
Sire, P. S. 7153 H. C.; dam, 106693 CJCC.	11 dams------	33	[illegible]	5.2	[illegible]
Herd Owner, Meadow Ridge Jersey Farm, Inc., Ridgeway.	Difference---	(8-3-8)	[illegible]	-.2	+20

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BRAMPTON VIOLET PINNACLE 446668----------	6 daughters--	8	6,419	5.8	374
Born, 3-17-42; proved, 8-2-49; alive; Mich.	5 daughters--	7	6,735	5.8	393
Sire, 100201 CJCC; dam, 83725 CJCC.	5 dams-------	9	6,803	5.3	364
Herd Owner, Myrtle E. Hess, Pontiac.	Difference---	(3-3-4)	-68	+.5	+29
CALIFORNIA NICK QUINCY 410337 *11----------	14 daughters-	32	8,619	5.9	512
Born, 4-8-39; proved, 8-29-49;----; Calif.	13 daughters-	31	8,516	6.0	510
Sire, 316846; dam, 1075010.	13 dams------	64	9,325	5.6	527
Herd Owner, V. J. Lancaster, Turlock.	Difference---	(5-10-6)	-809	+.4	-17
CARNATION CHIEF STAFF 423460----------	7 daughters--	9	6,295	5.6	350
Born, 11-10-40; proved, 8-3-49; dead; Ky.	6 daughters--	7	6,329	5.4	342
Sire, 364344; dam, 1076498.	6 dams-------	8	7,408	5.2	382
Herd Owner, Drexel Southworth, Lexington.	Difference---	(1-5-2)	-1,079	+.2	-40
CHOSEN ROSE DESIGN 450474----------	5 daughters--	6	10,123	5.3	533
Born, 10-10-43; proved, 8-30-49;----; Wash.	5 dams-------	14	9,035	5.9	533
Sire, 390862; dam, 1201403.	Difference---	(3-0-2)	+1,088	-.6	0
Herd Owner, Leonard Fernie, Sequim.					
CLEARBROOK OBSERVER SPY BOY 455136----------	6 daughters--	7	8,198	5.3	432
Born, 4-29-43; proved, 8-29-49;----; Vt.	6 dams-------	21	8,437	5.6	470
Sire, 450592; dam, 1350089.	Difference---	(3-1-2)	-239	-.3	-38
Herd Owner, Forrest Quinn, Woodstock.					
COUNTESS NOBLE LAD 408943----------	9 daughters--	22	6,985	5.3	372
Born, 3-27-39; proved, 8-3-49; dead; Minn.	9 dams-------	18	5,932	5.3	314
Sire, 383709; dam, 1053994.	Difference---	(6-5-7)	+1,053	.0	+58
Herd Owner, W. D. Norman, Park Rapids.					
COUNT F. D. POGIS 416819 *12----------	12 daughters-	26	8,506	5.3	454
Born, 6-13-39; proved, 8-5-49; dead; Md.	11 daughters-	23	8,742	5.3	466
Sire, 355635; dam, 946942.	11 dams------	61	7,825	5.4	423
Herd Owner, Indian Spring Farm, Darlington.	Difference---	(8-7-7)	+917	-.1	+43
DERBY'S DREAMER 396672 *10----------	22 daughters-	52	6,549	5.1	332
Born, 8-27-38; proved, 8-12-49;----; Md.	16 daughters-	39	6,502	4.9	322
Sire, 382281; dam, 800117.	16 dams------	56	6,281	4.9	310
Herd Owner, N. C. Stiles & Sons, Rockville.	Difference---	(7-7-8)	+221	.0	+12
DESIGN BLUE NUN'S ROSEGALL 436805----------	6 daughters--	7	6,649	5.7	377
Born, 3-1-42; proved, 8-11-49;----; Ill.	6 dams-------	22	8,189	5.2	425
Sire, 404632; dam, 983331.	Difference---	(0-6-1)	-1,540	+.5	-48
Herd Owner, Wayne Wilson, Sullivan.					
DOUBLE STANDARD LE RONDIN 410051 *13----------	24 daughters-	42	7,773	5.7	440
Born, 4-8-39; proved, 8-30-49;----; Wash.	15 daughters-	23	7,856	5.6	437
Sire, 80038 CJCC; dam, 1197884.	15 dams------	60	8,256	5.3	438
Herd Owner, Charles H. Wivell Dairies, Inc., Shelton.	Difference---	(7-11-7)	-400	+.3	-1
EXPECTATION RIGHT WONDERFUL 414381 *13----------	17 daughters-	28	8,108	5.3	426
Born, 3-2-40; proved, 8-22-49; dead; Wis.	8 daughters--	14	8,697	5.3	459
Sire, 375857; dam, 1000666.	8 dams-------	18	8,295	5.0	418
Used in Tri-State Co-op. A. B. A.	Difference---	(5-6-7)	+402	+.3	+41
FAUVIC KING SYBIL STAR 426267 *13----------	11 daughters-	24	8,612	5.0	433
Born, 10-9-39; proved, 8-19-49;----; Conn.	10 daughters-	22	8,790	5.0	441
Sire, 326137; dam, 1021530.	10 dams------	43	7,629	4.9	372
Herd Owner, John E. Kingsbury, Rockville.	Difference---	(8-6-9)	+1,161	+.1	+69
FAVORITE DUKE BIG STANDARD 454144----------	5 daughters--	6	8,972	5.2	469
Born, 10-16-42; proved, 8-5-49; alive; Mass.	5 dams-------	6	8,710	5.0	435
Sire, 403143; dam, 1225014.	Difference---	(2-4-3)	+262	+.2	+34
Herd Owner, Carl W. Proctor, Lunenburg.					
FLOSS DUKE MODEL VICTORY 439306 *13----------	15 daughters-	22	6,832	5.2	358
Born, 3-11-42; proved, 8-25-49; dead; Vt.	15 dams------	60	7,905	4.8	379
Sire, 369058; dam, 1098503.	Difference---	(2-14-4)	-1,073	+.4	-21
Herd Owner, E. L. Pierce & Sons, Franklin.					
FLOSS' DUKE MODEL WALDEMAR 425425 *(Aug. 1949)----------	9 daughters--	10	6,625	5.3	354
Born, 9-3-41; proved, 7-13-49;----; Vt.	7 daughters--	8	6,514	5.5	356
Sire, 369058; dam, 1155878.	7 dams-------	25	6,855	4.9	334
Herd Owner, W. C. & F. C. Arms, Burlington.	Difference---	(3-7-3)	-341	+.6	+22
FLOSS' DUKE MODEL WALT 434169----------	13 daughters-	13	6,887	4.4	302
Born, 12-4-41; proved, 8-9-49;----; Vt.	6 daughters--	6	6,867	4.3	295
Sire, 369058; dam, 1124546.	6 dams-------	12	7,235	4.2	303
Herd Owner, Harry Durgin, West Charleston.	Difference---	(2-5-3)	-368	+.1	-8
FLOSSY'S DESIGN OBSERVER 406410 *13----------	14 daughters-	25	6,361	5.4	345
Born, 1-16-39; proved, 8-4-49; dead; Ky.	9 daughters--	18	6,524	5.4	350
Sire, 314728; dam, 1132959.	9 dams-------	65	7,364	5.8	428
Herd Owner, Bernard Camenisch, Stanford.	Difference---	(3-1-2)	-840	-.4	-78

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HILLSVIEW ROYAL ROBINET 407301----------	11 daughters-	17	7,[illegible]	[illegible]	[illegible]
Born, 2-17-39; proved, 8-8-49;----; Wash.	6 daughters--	7	8,[illegible]	[illegible]	[illegible]
Sire, 376790; dam, 1118841.	6 dams-------	24	8,0[illegible]	5.1	407
Herd Owner, R. W. Snyder, Touchet.	Difference---	(3-4-4)	+182	+.2	+27
KNOLLWOOD VOLUNTEER 397469 *13----------	16 daughters-	20	6,640	5.6	371
Born, 10-7-38; proved, 8-11-49;----; Ky.	12 daughters-	14	6,769	[illegible]	[illegible]
Sire, 338024; dam, 1113585.	12 dams------	31	7,272	5.2	377
Herd Owner, Dr. W. L. Titsworth, Paducah.	Difference---	(6-8-4)	-503	+.3	-2
LAVENDER REBECCA NOBLE 406669----------	7 daughters--	7	6,926	5.4	372
Born, 10-21-39; proved, 8-19-49;----; Mo.	5 daughters--	5	6,757	5.2	350
Sire, 382880; dam, 931323.	5 dams-------	7	7,797	4.6	357
Herd Owner, William Loyd McCully, Callao.	Difference---	(1-5-3)	-1,040	+.6	-7
LENA'S BERNIE 401112----------	12 daughters-	15	7,291	5.6	409
Born, 1-10-39; proved, 8-5-49;----; Oreg.	6 daughters--	7	6,869	5.5	376
Sire, 362092; dam, 950616.	6 dams-------	7	8,062	4.8	390
Herd Owner, W. R. Cooley, Albany.	Difference---	(1-5-2)	-1,193	+.7	-14
LILAC REMUS BUCCANEER 434710 *13----------	11 daughters-	17	6,839	5.2	357
Born, 3-15-42; proved, 8-25-49;----; Vt.	10 daughters-	16	6,906	5.2	360
Sire, 328497; dam, 1147458.	10 dams------	39	8,241	5.1	423
Herd Owner, Wendell I. Goodrich, West Danville.	Difference---	(2-5-2)	-1,335	+.1	-63
LILAC REMUS CYCLONE 404912 *10----------	38 daughters-	76	6,734	5.5	371
Born, 7-26-39; proved, 8-2-49; dead; N. Y.	35 daughters-	67	6,665	5.5	367
Sire, 328497; dam, 773834.	35 dams------	147	7,949	5.2	414
Herd Owner, Stanley Chittenden, New Lebanon.	Difference---	(8-31-12)	-1,284	+.3	-47
LINDELL LORD DRACONIAN 397032 *9----------	19 daughters-	39	7,489	5.3	399
Born, 6-9-35; proved, 8-11-49;----; Oreg.	14 daughters-	28	7,464	5.3	397
Sire, 53917 CJCC; dam, 46696 CJCC.	14 dams------	47	7,721	5.3	411
Herd Owner, Harold Clark, Creswell.	Difference---	(6-9-5)	-257	.0	-14
LOUISOXFORD NOBLE ROYAL 418677----------	6 daughters--	6	6,175	5.2	321
Born, 3-24-40; proved, 8-11-49; alive; N. C.	6 dams-------	15	6,291	5.1	319
Sire, 364303; dam, 1189820.	Difference---	(3-4-3)	-116	+.1	+2
Herd Owner, John C. Campbell Folk School, Brasstown.					
MAJESTIC ROSEBOY DESIGN 391314----------	13 daughters-	13	6,548	5.0	325
Born, 1-16-38; proved, 8-3-49;----; Tex.	5 daughters--	5	6,154	4.8	294
Sire, 331175; dam, 1005293.	5 dams-------	5	5,809	5.0	289
Herd Owner, Lloyd Henderson, Schulenburg.	Difference---	(2-2-3)	+345	-.2	+5
MARGATE'S GOLDEN GAMBOGE 397427 *9----------	14 daughters-	55	9,037	5.5	498
Born, 12-12-37; proved, 8-5-49;----; Wis.	14 dams------	76	8,666	5.0	436
Sire, 304344; dam, 1017946.	Difference---	(10-11-11)	+371	+.5	+62
Used in Vernon Co. Co-op. A. B. A.					
MODERN FAUVIC DESIGN 461095----------	5 daughters--	5	8,453	5.2	438
Born, 11-8-42; proved, 8-16-49;----; Oreg.	5 dams-------	18	9,419	5.2	488
Sire, 413103; dam, 1169327.	Difference---	(2-3-2)	-966	.0	-50
Herd Owner, William D. Warmington, McMinnville.					
MODEST MAIDEN COURIER 448679----------	6 daughters--	6	5,428	6.3	342
Born, 9-16-42; proved, 8-3-49; dead; Minn.	5 daughters--	5	5,093	6.2	318
Sire, 390373; dam, 1112749.	5 dams-------	22	6,998	5.6	391
Herd Owner, J. H. Bender, Nevis.	Difference---	(1-5-3)	-1,905	+.6	-73
MOY OBSERVER LEO 461863----------	5 daughters--	9	8,753	5.0	441
Born, 1-25-41; proved, 8-10-49;----; Wash.	5 dams-------	14	8,873	5.2	458
Sire, 99841 CJCC; dam, 91107 CJCC.	Difference---	(3-3-3)	-120	-.2	-17
Herd Owner, Gerrit Meenderinck, Lynden.					
M. V. M. RUSTIC RUBY RALEIGH 399256 *10----------	15 daughters-	25	6,625	5.6	371
Born, 12-22-38; proved, 8-22-49;----; Vt.	15 dams------	58	8,284	5.3	439
Sire, 364786; dam, 1087050.	Difference---	(1-11-1)	-1,659	+.3	-68
Herd Owner, Maurice W. Howe, Putney.					
OAKDALE ROYALIST 400146 *12----------	17 daughters-	31	7,016	5.3	373
Born, 7-20-38; proved, 8-30-49;----; Vt.	13 daughters-	20	6,933	5.5	379
Sire, 358525; dam, 977402.	13 dams------	67	6,741	5.3	[illegible]
Herd Owner, Pomfret Highlands Farm, Woodstock.	Difference---	(8-10-9)	+192	+.2	+25
OWL CHIEF GOLDEN KING H. 399416 *12----------	19 daughters-	42	7,804	5.1	399
Born, 3-1-38; proved, 8-15-49; dead; Mass.	17 daughters-	36	7,702	5.1	[illegible]
Sire, 374274; dam, 891535.	17 dams------	67	8,110	5.2	423
Herd Owner, Harriet Harris, Deerfield.	Difference---	(8-7-6)	-408	-.1	-32
OWL OXFORD ADVANCER 434560 *13----------	13 daughters-	25	6,[illegible]	[illegible]	[illegible]
Born, 1-20-42; proved, 8-29-49;----; Wis.	10 daughters-	18	6,[illegible]	5.4	[illegible]
Sire, 380846; dam, 1126171.	10 dams------	2[illegible]	[illegible]	5.[illegible]	[illegible]
Used in Tri-State Co-op. A. B. A.	Difference---	([illegible]-5-1)	-716	.0	[illegible]

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OWLREST SUCCESSOR 430270 *9----------	31 daughters-	94	7,936	5.3	418
Born, 7-4-37; proved, 8-29-49; dead; N. Y.	29 daughters-	88	7,951	5.3	418
Sire, 211961; dam, 1133467.	29 dams------	177	8,798	5.0	440
Herd Owner, Mark Chamberlain & Sons, Wyoming.	Difference---	(7-18-10)	-847	+.3	-22
PEDRO'S BRIGHT LAD 397060 *11----------	19 daughters-	28	6,612	5.4	356
Born, 7-4-38; proved, 8-2-49; dead; Iowa.	17 daughters-	25	6,533	5.3	349
Sire, 347744; dam, 1087131.	17 dams------	47	7,208	5.2	377
Herd Owner, Meredith Jersey Farm, Des Moines.	Difference---	(8-12-11)	-675	+.1	-28
POLLY'S MISTY DAWN 428587 *13----------	9 daughters--	13	6,980	5.8	405
Born, 9-5-41; proved, 8-26-49;----; Ky.	8 daughters--	12	7,115	5.8	412
Sire, 382743; dam, 1189394.	8 dams-------	19	7,468	5.4	402
Herd Owner, Ed. F. Warren & Sons, Hickory.	Difference---	(3-6-5)	-353	+.4	+10
PRIDE DESIGN FOXY EMBLEM 407836 *13----------	11 daughters-	14	5,827	5.6	326
Born, 12-1-38; proved, 8-26-49;----; Ohio.	9 daughters--	12	5,441	5.7	312
Sire, 310968; dam, 992414.	9 dams-------	21	6,708	5.5	367
Herd Owner, Nuding Brothers, Mendon.	Difference---	(3-6-2)	-1,267	+.2	-55
PRIDE LODESTAR 414307 *12----------	22 daughters-	51	6,380	5.3	339
Born, 10-15-39; proved, 8-10-49; dead; Vt.	19 daughters-	47	6,430	5.3	344
Sire, 312724; dam, 1082556.	19 dams------	81	7,004	5.3	369
Herd Owner, Glen Button, Chelsea.	Difference---	(6-10-8)	-574	.0	-25
REMUS LAD OF VALLEY GEM 395154 *10----------	12 daughters-	39	7,381	5.0	370
Born, 2-9-38; proved, 8-5-49; dead; La.	12 dams------	49	6,233	5.0	309
Sire, 358689; dam, 1018054.	Difference---	(10-8-10)	+1,148	.0	+61
Herd Owner, Louisiana Polytechnic Institute, Ruston.					
ROYAL DESIGN BUTTON 400044 *11----------	23 daughters-	31	7,873	4.9	389
Born, 9-28-38; proved, 8-26-49;----; Mo.	21 daughters-	27	7,896	4.9	388
Sire, 354680; dam, 1154531.	21 dams------	44	8,007	5.1	408
Herd Owner, William J. Knotwell, Norwood.	Difference---	(10-7-9)	-111	-.2	-20
RUSH ROYAL DESIGN 427931 *12----------	17 daughters-	31	8,546	5.5	470
Born, 4-9-40; proved, 8-25-49;----; Wash.	12 daughters-	26	8,692	5.6	487
Sire, 92055 CJCC; dam, 91475 CJCC.	12 dams------	34	8,042	5.4	434
Herd Owner, Fred Ovenell, Burlington.	Difference---	(4-8-8)	+650	+.2	+53
SAMARES GOLD CROWN PRINCE 444624----------	7 daughters--	8	7,734	5.1	396
Born, 10-16-42; proved, 8-19-49;----; Vt.	7 dams-------	24	7,236	5.3	383
Sire, 415510; dam, 1261036.	Difference---	(5-2-5)	+498	-.2	+13
Herd Owner, Hill Top Farm, Chester.					
SAM'S FINAL RESULT 434781----------	5 daughters--	6	8,955	4.7	424
Born, 2-13-42; proved, 8-8-49; dead; Pa.	5 dams-------	21	7,734	5.2	403
Sire, 328366; dam, 1119737.	Difference---	(4-0-4)	+1,221	-.5	+21
Herd Owner, John D. Bamford, McDonald.					
SEMINOLE STANDARD DESIGN 394908 *13----------	14 daughters-	24	6,213	5.4	334
Born, 8-2-38; proved, 8-4-49; dead; Wis.	14 dams------	61	6,366	5.6	357
Sire, 348377; dam, 1084849.	Difference---	(7-6-5)	-153	-.2	-23
Herd Owner, Clark & Plummer, Sturtevant.					
SMOKY DUKE'S URION 406675 *12----------	24 daughters-	45	7,800	4.8	373
Born, 10-6-39; proved, 8-15-49;----; Vt.	20 daughters-	37	7,779	4.8	375
Sire, 356655; dam, 1026871.	20 dams------	91	7,788	5.1	401
Herd Owner, Hill Farm, St. Albans.	Difference---	(9-4-6)	-9	-.3	-26
SNOWDRIFT WONDER REX 441682----------	5 daughters--	5	6,319	4.9	311
Born, 5-27-42; proved, 8-8-49; alive; N. Y.	5 dams-------	13	6,545	5.0	326
Sire, 408874; dam, 1318226.	Difference---	(3-2-3)	-226	-.1	-15
Herd Owner, William M. Hotaling, Kirkwood.					
SPARKLING DREAMING GEM 439477----------	5 daughters--	7	9,225	5.5	503
Born, 8-9-42; proved, 8-11-49;----; Iowa.	5 dams-------	10	6,897	5.4	373
Sire, 376841; dam, 1075379.	Difference---	(5-3-5)	+2,328	+.1	+130
Herd Owner, Norris & Bernice Leighton, Waterloo.					
SPARKLING SIR DRACONIS 415017 *13----------	27 daughters-	47	7,295	5.4	391
Born, 11-17-39; proved, 8-12-49;----; Pa.	24 daughters-	43	7,383	5.4	398
Sire, 388076; dam, 1169550.	24 dams------	81	7,412	5.0	369
Herd Owner, Pennsylvania State College, State College.	Difference---	(12-18-15)	-29	+.4	+29
SPINDLETOP MAIN MAN 399021 *13----------	17 daughters-	26	6,249	5.2	324
Born, 6-26-38; proved, 8-19-49; dead; N. J.	16 daughters-	24	6,158	5.2	318
Sire, 381723; dam, 1146988.	16 dams------	43	7,551	5.2	392
Herd Owner, Louis M. Kiesling, Bordentown.	Difference---	(2-7-2)	-1,393	.0	-74
STANDARD COMMANDER 403452 *11----------	17 daughters-	47	6,667	5.4	359
Born, 10-28-36; proved, 8-9-49;----; Vt.	14 daughters-	42	6,802	5.4	365
Sire, 75170 CJCC; dam, 63526 CJCC.	14 dams------	40	7,709	5.1	393
Herd Owner, George H. & H. P. Ricker, Groton,	Difference---	(2-9-4)	-907	+.3	-28

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
STANDARD FOREMOST PHIL 415442 *13	18 daughters-	24	6,840	5.3	365
Born, 12-8-39; proved, 8-11-49;----; Ill.	15 daughters-	20	6,640	5.4	355
Sire, 331755; dam, 977827.	15 dams------	24	8,045	5.2	418
Herd Owner, Oscar N. Stinson, Eldorado.	Difference---	(1-10-1)	-1,405	+.2	-63
STANDARD JOLLY GOLDEN NOBLE 394558 *10	24 daughters-	74	7,207	5.4	392
Born, 12-4-37; proved, 8-5-49; dead; Iowa.	23 daughters-	70	7,201	5.5	393
Sire, 344674; dam, 1080074.	23 dams------	105	7,087	5.2	371
Herd Owner, Scott Jersey Farm, Wilton Junction.	Difference---	(14-15-13)	+114	+.3	+22
SYBIL BARONET PIONEER 395776	9 daughters--	12	8,251	5.0	414
Born, 8-9-38; proved, 8-5-49;----; Iowa.	7 daughters--	10	8,807	5.1	446
Sire, 305849; dam, 1129494.	7 dams-------	13	6,827	5.2	357
Herd Owner, P. J. Durnan, Ossian.	Difference---	(7-2-6)	+1,980	-.1	+89
SYBIL BARONET ROYAL COUNT 406634	9 daughters--	11	7,771	5.1	396
Born, 2-3-39; proved, 8-8-49;----; Wash.	5 daughters--	6	8,073	5.1	408
Sire, 305849; dam, 1106788.	5 dams-------	10	8,479	5.3	447
Herd Owner, L. G. Slater, Shelton.	Difference---	(2-2-2)	-406	-.2	-39
SYBIL BEST SUCCESSOR 2D 423910	11 daughters-	14	6,746	5.2	354
Born, 8-31-40; proved, 8-19-49;----; Ill.	7 daughters--	10	6,319	5.3	337
Sire, 379510; dam, 1119639.	7 dams-------	15	5,991	5.1	303
Herd Owner, Trimble Farms, Trimble.	Difference---	(4-4-5)	+328	+.2	+34
SYBIL GRECIAN DUKE 398413	10 daughters-	24	8,712	5.1	440
Born, 3-29-38; proved, 8-26-49;----; Vt.	9 daughters--	22	8,691	5.0	437
Sire, 276137; dam, 958031.	9 dams-------	26	8,108	4.9	398
Herd Owner, Whitehall Farm, Windsor.	Difference---	(6-5-5)	+583	+.1	+39
SYBIL MASTERMAN MERRIMAC 407164 *12	27 daughters-	65	7,574	5.5	419
Born, 7-10-39; proved, 8-2-49; dead; Vt.	25 daughters-	59	7,587	5.6	422
Sire, 305849; dam, 1098974.	25 dams------	100	7,817	5.4	419
Herd Owner, Whitehall Farm, Windsor.	Difference---	(10-20-14)	-230	+.2	+3
THOMAS BASILEUS PINN 452342	9 daughters--	9	7,710	5.5	425
Born, 7-4-43; proved, 8-10-49;----; Mich.	9 dams-------	21	9,264	5.2	486
Sire, 104635 CJCC; dam, 117032 CJCC.	Difference---	(3-6-4)	-1,554	+.3	-61
Herd Owner, Meadow Ridge Jersey Farm, Ridgeway.					
THOMAS ROYAL VALIANT 395838 *12	24 daughters-	52	7,296	5.4	393
Born, 8-8-38; proved, 8-3-49;----; Iowa.	17 daughters-	38	7,494	5.4	402
Sire, 87422 CJCC; dam, 1173469.	17 dams------	56	7,546	5.3	398
Herd Owner, J. R. Jose & Son, Stuart.	Difference---	(11-9-10)	-52	+.1	+4
THOMAS VALIANT X STANDARD 428083	16 daughters-	19	6,115	5.1	311
Born, 8-7-41; proved, 8-8-49;----; N. Y.	13 daughters-	16	6,042	5.1	310
Sire, 410269; dam, 1194473.	13 dams------	25	6,224	5.1	315
Herd Owner, Murray J. Fisher & Son, Madrid.	Difference---	(6-6-3)	-182	.0	-5
TRIUMPH PLEASANT ACE 428734	5 daughters--	6	8,654	5.5	476
Born, 11-29-41; proved, 8-23-49;----; N. J.	5 dams-------	36	7,956	5.8	464
Sire, 403239; dam, 1132558.	Difference---	(4-1-3)	+698	-.3	+12
Herd Owner, Caleb S. Ridgeway, Jr., Columbus.					
VOLUNTEER PROSPECT JIM 402533 *11	15 daughters-	20	7,629	5.6	430
Born, 1-21-39; proved, 8-25-49; dead; Minn.	12 daughters-	15	7,552	5.6	420
Sire, 365924; dam, 1079068.	12 dams------	39	8,757	5.4	474
Herd Owner, John Furreness, Underwood.	Difference---	(3-7-2)	-1,205	+.2	-54
WILLONYX ROYAL PRINCE 397898 *9	34 daughters-	86	7,390	5.2	382
Born, 4-20-38; proved, 8-26-49;----; Tex.	31 daughters-	81	7,356	5.2	382
Sire, 361994; dam, 927539.	31 dams------	162	8,270	5.2	433
Herd Owner, H. F. Attaway, Pickton.	Difference---	(7-15-8)	-914	.0	-51
WINCHESTER PIONEER, IMP. 382283	9 daughters--	12	6,545	5.1	334
Born, 5-16-36; proved, 8-3-49;----; Ind.	5 daughters--	6	6,775	5.3	356
Sire, P. S. 6983 H. C.; dam, 1187126.	5 dams-------	12	7,708	4.7	361
Herd Owner, Harry Powers, Union City.	Difference---	(1-4-2)	-933	+.6	-5
W. V. U. GREAT COMBINATION 418404 *12	16 daughters-	25	7,584	5.2	395
Born, 10-18-40; proved, 8-22-49; dead; W. Va.	14 daughters-	21	7,576	5.2	394
Sire, 387421; dam, 1108074.	14 dams------	58	7,773	5.4	420
Used in West Virginia Co-op. A. B. A.	Difference---	(5-6-6)	-197	-.2	-26
13-A2000 (DHIA EARTAG) *13	17 daughters-	24	7,744	4.8	374
Born, ----; proved, 8-26-49; dead; Vt.	17 dams------	103	7,941	5.1	406
Sire, ----; dam, ----.	Difference---	(8-4-8)	-197	-.3	-32
Herd Owner, Roy O. Heald, Proctorsville.					
13*510950 (BANGS OR TB EARTAG)	9 daughters--	12	5,008	5.6	279
Born, ----; proved, 8-12-49;----; Vt.	6 daughters--	9	4,998	5.6	277
Sire, ----; dam, ----.	6 dams-------	21	5,419	5.0	273
Herd Owner, Charles Richard, Franklin.	Difference---	(1-4-3)	-421	+.6	+4

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
35*HZ29310 (BANGS OR TB EARTAG)----------	9 daughters--	10	6,348	5.3	338
Born, ----; proved, 8-10-49;----; Wis.	9 dams-------	26	6,207	5.1	317
Sire, ----; dam, ----.	Difference---	(5-8-6)	+141	+.2	+21
Herd Owner, Grant Styer, Knapp.					

SHORTHORN SIRES

BROOKSIDE MAPPERTON 72D 1962554----------	7 daughters--	7	6,347	4.4	278
Born, 2-3-39; proved, 8-12-49;----; Kans.	5 daughters--	5	6,589	4.3	284
Sire, 1767700; dam, 1752103.	5 dams-------	11	6,306	4.0	253
Herd Owner, Bernard Wassenberg, Marysville.	Difference---	(2-5-2)	+283	+.3	+31
CHARMING KNIGHT 2050901----------	11 daughters-	18	7,958	3.7	295
Born, 5-8-40; proved, 8-9-49;----; Wis.	8 daughters--	12	8,240	3.7	305
Sire, 1903837; dam, 1768384.	8 dams-------	14	7,859	3.7	288
Herd Owner, Herman L. Gasser & Son, Plain.	Difference---	(5-5-5)	+381	.0	+17
CLOVERTON MENDEL 2116637----------	14 daughters-	19	6,716	4.2	282
Born, 7-1-41; proved, 8-15-49;----; Iowa.	6 daughters--	8	7,303	4.2	309
Sire, 1855686; dam, 1719158.	6 dams-------	13	7,133	4.0	283
Herd Owner, Winkler & Elvers, Elkader.	Difference---	(4-5-5)	+170	+.2	+26
EAST VIEW STAR 1819549----------	12 daughters-	18	6,407	3.9	252
Born, 8-28-34; proved, 8-5-49; dead; Iowa.	7 daughters--	13	6,537	3.9	253
Sire, 1624910; dam, 1639908.	7 dams-------	34	6,823	4.0	274
Herd Owner, Noran Shaver & Son, Saint Anthony.	Difference---	(4-3-5)	-286	-.1	-21
NORTHLYND MATCHLESS PRINCE 2109782----------	11 daughters-	14	9,416	3.9	367
Born, 8-15-41; proved, 8-22-49;----; Mich.	10 daughters-	12	9,041	3.9	355
Sire, 230061 CHB; dam, 246575 CHB.	10 dams------	31	9,627	3.9	372
Herd Owner, Travis Farms, Leonard.	Difference---	(5-6-4)	-586	.0	-17
O'BOY PRINCE 2081854----------	5 daughters--	6	11,309	4.1	466
Born, 12-28-40; proved, 8-19-49;----; Kans.	5 dams-------	18	7,821	3.9	303
Sire, 1704507; dam, 1769983.	Difference---	(5-4-4)	+3,488	+.2	+163
Herd Owner, Nels T. Torkelson, Everest.					

AMERICAN DAIRY CATTLE CLUB SIRES

HAYFIELD'S AMALGAMATION 594----------	8 daughters--	8	11,580	4.4	511
Born, 1-19-39; proved, 8-9-49; dead; N. Y.	8 dams-------	20	9,071	4.6	416
Sire, 10; dam, 152.	Difference---	(7-4-7)	+2,509	-.2	+95
Herd Owner, T. E. Milliman, Churchville.					
MOUNT HOPE NICANDER 219----------	7 daughters--	10	11,179	3.5	389
Born, 11-8-40; proved, 8-24-49;----; Vt.	5 daughters--	5	11,101	3.5	387
Sire, 825540-H; dam, 87.	5 dams-------	24	11,175	3.2	359
Herd Owner, Dana Farms, Stowe.	Difference---	(2-5-3)	-74	+.3	+28
THOMESTEAD PEPPY BOY 392----------	7 daughters--	7	6,519	4.8	312
Born, ----; proved, 8-9-49;----; Ill.	6 daughters--	6	6,451	4.8	310
Sire, ----; dam, ----.	6 dams-------	7	9,684	4.4	426
Herd Owner, Frank A. Thome, Rock Falls.	Difference---	(0-6-0)	-3,233	+.4	-116

COUNT F. D. POGIS 1316
(This sire is also a registered Jersey "Count F. D. Pogis 416819." Proved Sire data included in Jersey listing.)

PIETERTJE HARTOG OLLIE 879
(This sire is also a registered Holstein "Pietertje Hartog Ollie 817854." Proved Sire data included in Holstein listing.)

SIR ORMSBY CHIEFTAIN DIRECT 636
(This sire is also a registered Holstein "Sir Ormsby Chieftain Direct 870736." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 25, No. 10

October 1949

MORE LACTATION RECORDS (718's) BEING REPORTED THAN EVER BEFORE

During the first 9 months of 1949, association supervisors reported 264,767 lactation records for use in proving DHIA sires. This is the largest number of records ever reported in any similar period and is about equal to the number reported during the entire year of 1948.

New York led the States in number of records reported, with a total of 38,878. Pennsylvania was second with 34,140, and Wisconsin was third with 32,650 records reported.

Mississippi led the States in percentage of records reported. Eleven States reported a total number of records equal to 35 percent or more of the cows on test. They are:

Mississippi	52.8	New Hampshire	41.2
West Virginia	51.8	Maryland	40.8
Oregon	50.6	Wisconsin	39.9
Pennsylvania	46.2	New York	38.5
Minnesota	46.1	Rhode Island	37.6
Maine	43.9		

The table on page 2 shows the number of records reported during the first 9 months of 1949, by States.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1948 AND 1949

State	First 9 months of 1949							1948	
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by - American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	Records returned 3/	Cows for which production records were reported 2/	
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine	8,617	3,787	43.9	0	90	0	416	5,112	55.0
N. H.	6,313	2,604	41.2	0	163	9	175	1,411	25.3
Vt.	27,828	8,208	29.5	18	166	64	603	10,389	50.6
Mass.	12,977	3,474	26.8	52	446	125	170	3,708	32.5
R. I.	1,709	642	37.6	0	108	0	123	3	.3
Conn.	12,278	898	7.3	0	390	159	127	4,651	41.6
N. Y.	101,074	38,878	38.5	1,136	1,322	217	1,305	22,133	25.3
Pa.	73,930	34,140	46.2	68	935	79	2,180	31,211	43.9
N. J.	21,176	4,041	19.1	0	23	55	256	7,010	33.1
Md.	17,835	7,282	40.8	150	394	1	298	7,902	49.3
Del.	2,059	161	7.8	23	30	0	25	1,212	57.7
Va.	34,063	11,240	30.3	0	0	9	532	15,491	48.5
W. Va.	5,558	2,881	51.8	0	64	7	90	4,034	66.8
Ky.	7,245	1,656	22.9	0	0	42	132	1,658	23.2
N. C.	6,226	1,036	16.6	0	145	0	104	707	12.3
S. C.	1,603	0	0	0	0	18	0	0	0
Ga.	4,213	896	21.3	27	0	0	29	714	17.4
Fla.	2,806	262	9.3	0	36	0	51	305	14.2
Ala.	0	70	0	0	0	0	7	10	-
Miss.	953	503	52.8	0	0	0	23	466	34.0
Tenn.	6,610	1,727	26.1	13	0	0	39	1,768	28.3
La.	2,133	232	10.9	0	0	0	41	117	5.3
Ark.	535	0	0	0	0	0	0	0	0
Ohio	22,839	7,469	32.7	8	669	186	455	5,996	24.9
Ind.	26,299	7,063	26.9	51	156	143	494	3,544	15.0
Ill.	37,205	12,117	32.6	99	110	562	445	10,564	30.6
Mich.	45,682	11,999	26.3	4	153	235	772	14,323	32.9
Wis.	81,783	32,650	39.9	55	171	498	1,172	30,838	38.5
Minn.	41,235	19,003	46.1	12	5	106	1,106	20,951	51.0
Iowa	36,037	11,959	33.2	0	80	340	567	17,203	48.8
Mo.	16,737	3,202	19.9	0	16	37	164	5,190	36.9
N. Dak.	1,244	326	26.2	0	0	0	13	761	74.0
S. Dak.	1,298	242	18.6	0	8	12	19	302	19.0
Nebr.	4,895	910	18.6	11	13	10	27	1,039	23.9
Kans.	13,183	4,274	32.4	0	315	39	426	5,929	51.7
Okla.	2,615	283	10.8	0	21	0	53	334	11.4
Texas	10,940	856	7.8	0	11	0	48	779	6.7
Mont.	4,224	294	7.0	0	22	0	8	395	9.2
Idaho	8,808	1,981	22.5	0	27	0	96	1,885	25.4
Wyo.	774	7	.9	0	0	0	1	27	-
Nev.	559	1	.2	0	0	0	0	49	5.6
Utah	9,719	888	9.1	0	0	0	106	1,419	14.5
Colo.	4,599	996	21.7	0	65	55	32	1,248	25.5
N. Mex.	1,531	142	9.3	0	0	0	12	329	23.2
Ariz.	10,179	406	4.0	0	1	0	37	690	8.7
Wash.	28,731	9,270	32.3	0	95	13	549	11,673	42.8
Oreg.	17,723	8,961	50.6	0	16	26	246	6,613	47.1
Calif.	156,986	4,845	30.9	0	172	10	92	5,871	3.8
P.R.	0	0	0	0	0	0	0	0	0
Hawaii	373	5	1.3	0	0	0	0	35	-
U.S.	943,939	264,767	28.1	1,727	6,438	3,057	13,666	267,999	30.2

1/ Includes cows enrolled since January 1, 1949.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED IN SEPTEMBER 1949

Following is a list of 457 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in September 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST STEP AHEAD (TWIN) 61401 *13----------	16 daughters-	18	8,372	4.0	335
Born, 3-4-39; proved, 9-29-49;----; Mass.	11 daughters-	13	8,471	4.0	338
Sire, 54577; dam, 199344.	11 dams------	22	8,460	3.9	331
Herd Owner, Clarence J. & H. A. Howland, New Braintree.	Difference---	(3-8-6)	+11	+.1	+7
ARDROSSAN CLARA'S CHIEFTAIN 61334 *13----------	24 daughters-	47	9,168	4.1	373
Born, 11-17-38; proved, 9-9-49; dead; Pa.	23 daughters-	45	9,208	4.1	373
Sire, 40969; dam, 132438.	23 dams------	110	9,169	4.2	381
Herd Owner, Ardrossan Farms, Ithan.	Difference---	(12-7-12)	+39	-.1	-8
ATWOOD ORCHARDS HAPPY STAR 61693 *10----------	36 daughters-	97	8,123	4.3	345
Born, 5-4-39; proved, 9-9-49;----; Pa.	36 dams------	256	9,750	4.2	408
Sire, 34996; dam, 149439.	Difference---	(7-24-6)	-1,627	+.1	-63
Herd Owner, Forest Vu Farm, Mont Alto.					
AYRLAND MASTER 60268 *10----------	21 daughters-	39	8,891	4.3	382
Born, 11-2-38; proved, 9-13-49;----; N. Y.	15 daughters-	31	9,398	4.3	403
Sire, 50219; dam, 115025.	15 dams------	61	11,111	4.1	458
Herd Owner, Frederick A. Buell, Holcomb.	Difference---	(1-13-3)	-1,713	+.2	-55
CACAPON AFTERGLOW 63405 *13----------	14 daughters-	23	9,761	4.0	386
Born, 1-28-40; proved, 9-27-49; dead; N. H.	12 daughters-	21	9,836	4.0	391
Sire, 58118; dam, 171082.	12 dams------	68	9,701	3.9	382
Herd Owner, University of New Hampshire, Durham.	Difference---	(6-7-7)	+135	+.1	+9
CACAPON CONCENTRATE 63406 *13----------	15 daughters-	23	7,846	4.1	324
Born, 2-1-40; proved, 9-22-49;----; W. Va.	13 daughters-	19	7,801	4.2	324
Sire, 58118; dam, 183189.	13 dams------	53	8,724	4.1	356
Used in Vermont Co-op. A. B. A., Inc., Vt.	Difference---	(3-10-4)	-923	+.1	-32
CAROLINA'S CLARK GABLE 63395 *12----------	19 daughters-	32	8,232	4.2	345
Born, 2-19-40; proved, 9-22-49;----; N. C.	9 daughters--	19	8,312	4.2	347
Sire, 41263; dam, 175610.	9 dams-------	33	8,777	4.0	354
Used in Southeastern Pa. Co-op. A. B. A., Pa.	Difference---	(4-7-4)	-465	+.2	-7
DAWNWOOD LILIAS' JIM 62690 *12----------	18 daughters-	31	9,582	4.0	380
Born, 10-27-39; proved, 9-1-49; dead; N. Y.	18 dams------	72	8,841	4.1	360
Sire, 56192; dam, 182977.	Difference---	(13-7-11)	+741	-.1	+20
Herd Owner, Dawnwood Farm, Amenia.					
DESERT CREST'S FLAKE'S PEER 62500 *11----------	23 daughters-	50	7,208	4.1	297
Born, 8-22-39; proved, 9-9-49; dead; Mo.	23 dams------	100	7,020	3.9	273
Sire, 43826; dam, 149065.	Difference---	(11-21-15)	+188	+.2	+24
Herd Owner, Railton Brothers, Jefferson City.					
DUNSHIRE BLEND 69253 *12----------	10 daughters-	21	8,754	4.0	350
Born, 7-16-39; proved, 9-8-49;----; N. Y.	10 dams------	27	8,316	4.0	336
Sire, 51990; dam, 176597.	Difference---	(6-6-6)	+438	.0	+14
Herd Owner, Strathglass Farm, Port Chester.					
GOVERNOR OF WINDY TOP 60132----------	7 daughters--	10	7,469	4.1	303
Born, 10-28-38; proved, 9-22-49;----; Vt.	7 dams-------	32	9,171	4.0	364
Sire, 53814; dam, 168578.	Difference---	(1-5-2)	-1,702	+.1	-61
Herd Owner, Windy Top Farm, Charlotte.					
HAWKSWOOD'S SODOM 62701 *11----------	38 daughters-	92	9,331	4.1	381
Born, 10-13-39; proved, 9-20-49;----; Mass.	38 dams------	174	9,110	4.0	367
Sire, 53305; dam, 190904.	Difference---	(24-26-23)	+221	+.1	+14
Herd Owner, Kimball's Ayr. Dairy, Haverhill.					
JEAN'S CRUSADER ARMOUR 2D 64257 *12----------	17 daughters-	25	6,650	4.5	297
Born, 12-16-39; proved, 9-30-49; dead; N. Y.	13 daughters-	20	6,547	4.5	295
Sire, 55753; dam, 138327.	13 dams------	26	9,089	4.1	376
Herd Owner, Richard Winch, Arcade.	Difference---	(1-10-2)	-2,542	+.4	-81
JUNE'S HAPPY HENRY 76396----------	5 daughters--	5	7,944	4.4	347
Born, 9-15-43; proved, 9-1-49;----; Wis.	5 dams-------	22	8,820	4.1	359
Sire, 57766; dam, 201360.	Difference---	(2-5-2)	-876	+.3	-12
Herd Owner, Ross H. Hacker, Brillion.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MOUNTAIN VALLEY SAND MAN 75233 *13----------	13 daughters-	21	7,922	4.1	322
Born, 3-28-40; proved, 9-1-49;----; Pa.	7 daughters--	11	7,112	4.1	291
Sire, 41872; dam, 119985.	7 dams-------	11	8,230	3.9	319
Herd Owner, Abram K. Flory, Manheim.	Difference---	(3-4-3)	-1,118	+.2	-28
OHIO PRINCE HIRAM 68214 *13----------	10 daughters-	14	9,449	4.3	406
Born, 8-8-41; proved, 9-27-49;----; Ohio.	9 daughters--	13	9,959	4.3	429
Sire, 48748; dam, 174375.	9 dams-------	23	8,138	4.0	322
Used in Northern Ohio Co-op. A. B. A.	Difference---	(7-8-8)	+1,821	+.3	+107
OHIO TRUE DESIGN 63352 *12----------	20 daughters-	37	8,822	4.2	374
Born, 1-24-40; proved, 9-22-49;----; N. Y.	18 daughters-	33	8,791	4.2	371
Sire, 54152; dam, 132744.	18 dams------	81	9,552	4.1	388
Herd Owner, Lynn A. Wollaber, Canastota.	Difference---	(6-14-10)	-761	+.1	-17
PENSTATE QUEEN'S ADVANCER 59780----------	7 daughters--	13	7,692	4.0	306
Born, 5-7-38; proved, 9-28-49;----; Pa.	6 daughters--	12	7,441	4.0	300
Sire, 51749; dam, 147784.	6 dams-------	9	8,282	4.3	355
Herd Owner, Heckman Brothers, Valencia.	Difference---	(2-1-1)	-841	-.3	-55
PLOTTERKILL WHITE KING 60855 *13----------	14 daughters-	21	9,173	4.1	376
Born, 2-7-39; proved, 9-13-49; dead; N. Y.	14 dams------	74	9,967	3.9	385
Sire, 47223; dam, 162854.	Difference---	(5-11-7)	-794	+.2	-9
Herd Owner, Plotterkill Stock Farm, Schenectady.					
ROSELAWN SUN 61780 *13----------	9 daughters--	15	8,463	4.0	342
Born, 1-30-39; proved, 9-30-49;----; N. H.	9 dams-------	27	9,238	4.0	372
Sire, 56585; dam, 177495.	Difference---	(5-6-4)	-775	.0	-30
Herd Owner, Crystal Spring Farm, East Concord.					
SCANTIC COLON (TWIN) 70975----------	8 daughters--	10	8,387	4.3	362
Born, 3-10-42; proved, 9-30-49;----; Conn.	7 daughters--	9	8,092	4.4	355
Sire, 58118; dam, 138337.	7 dams-------	18	9,028	4.0	361
Used in Litchfield Co. A. B. A.	Difference---	(2-6-2)	-936	+.4	-6
SILVER RUN LEADER 62282 *11----------	14 daughters-	28	7,799	4.1	322
Born, 7-16-39; proved, 9-1-49;----; Md.	9 daughters--	20	7,902	4.2	328
Sire, 46502; dam, 143357.	9 dams-------	20	8,382	4.0	338
Herd Owner, Hesson Brothers, New Windsor.	Difference---	(3-6-4)	-480	+.2	-10
STONE HOUSE VAGABOND 72495----------	9 daughters--	11	7,276	4.0	288
Born, 5-12-42; proved, 9-1-49;----; W. Va.	9 dams-------	37	6,976	3.9	274
Sire, 53341; dam, 184520.	Difference---	(5-4-5)	+300	+.1	+14
Herd Owner, J. E. Tabb, Kearneysville.					
STRATHBAR DOUGLAS CHAMPION 62505 *11----------	13 daughters-	25	8,594	4.1	355
Born, 9-5-39; proved, 9-19-49;----; N. Y.	11 daughters-	22	8,954	4.2	373
Sire, 48394; dam, 144592.	11 dams------	31	8,890	4.1	367
Herd Owner, Pleasant Valley Farm, Sherburne.	Difference---	(4-7-6)	+64	+.1	+6
STRATHGLASS DOUGLAS SYMBOLIZER 61475 *11----------	52 daughters-	137	8,837	4.0	357
Born, 4-20-39; proved, 9-29-49; dead; Pa.	48 daughters-	128	8,907	4.0	358
Sire, 41921; dam, 141601.	48 dams------	209	7,562	4.0	300
Herd Owner, Old Forge Farm, Spring Grove.	Difference---	(39-30-38)	+1,345	.0	+58
STRATHGLASS PREDOMINANT 62566 *11----------	21 daughters-	37	7,956	4.3	342
Born, 10-1-39; proved, 9-16-49; dead; N. Y.	20 daughters-	35	8,112	4.3	349
Sire, 41921; dam, 103808.	20 dams------	94	9,218	4.3	398
Herd Owner, Strathglass Farm, Port Chester.	Difference---	(7-12-6)	-1,106	.0	-49
TERRACE BANK SELECT, IMP. 76276----------	6 daughters--	8	7,754	4.0	314
Born, 12-2-42; proved, 9-1-49; dead; N. Y.	5 daughters--	7	7,955	4.0	319
Sire, 62681; dam, 284503.	5 dams-------	15	7,655	3.8	293
Herd Owner, Park Ayr Farms, Sand Lake.	Difference---	(3-5-3)	+300	+.2	+26
TOTHILL ROBERT 63368 *12----------	15 daughters-	43	8,626	3.7	322
Born, 11-29-39; proved, 9-30-49; dead; Vt.	15 dams------	64	7,998	3.9	313
Sire, 58862; dam, 134768.	Difference---	(10-6-7)	+628	-.2	+9
Herd Owner, Sunny Plains Farm, North Springfield.					
VILLANOVA GAY BOY 72627----------	8 daughters--	9	7,503	4.0	303
Born, 11-28-42; proved, 9-20-49;----; Iowa.	8 dams-------	26	8,927	3.9	344
Sire, 53055; dam, 268025.	Difference---	(2-6-3)	-1,424	+.1	-41
Herd Owner, Maynard M. Brenneman, Kalona.					
VISTA GRANDE DOUGLAS CYCLONE 67090 *13----------	14 daughters-	23	8,221	4.0	330
Born, 5-30-41; proved, 9-27-49;----; Iowa.	10 daughters-	17	8,320	4.0	333
Sire, 47364; dam, 173950.	10 dams------	53	8,150	3.7	302
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(5-9-8)	+170	+.3	+31
WHITPAIN BROWN STAR 62924 *13----------	14 daughters-	21	8,147	4.1	333
Born, 9-19-39; proved, 9-21-49;----; Ind.	13 daughters-	20	8,309	4.1	339
Sire, 35139; dam, 188529.	13 dams------	47	8,099	3.9	320
Herd Owner, Homer W. Arnold & Sons, Decatur.	Difference---	(7-10-8)	+210	+.2	+19

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WHITPAIN GALLANT KING 6[illegible]97----------	7 daughters--	11	[illegible]	4.3	[illegible]
Born, 3-30-4[illegible]; proved, 9-30-49;----; Kans.	6 daughters--	10	8,933	4.3	384
Sire, 43060; dam, 188527.	6 dams-------	20	7,909	4.1	[illegible]
Herd Owner, Frank Schrock, Sterling.	Difference---	(6-6-6)	+1,024	+.2	+60
WHITPAIN HEADMAN 63827 *12----------	36 daughters-	72	8,[illegible]31	4.0	331
Born, 2-11-40; proved, 9-30-49;----; Wis.	27 daughters-	56	8,144	4.0	326
Sire, 43060; dam, 154016.	27 dams------	83	9,207	3.9	360
Herd Owner, John A. Dalton & Son, Oconomowoc.	Difference---	(9-18-12)	-1,063	+.1	-34
WHITPAIN RED MAN 66191 *13----------	11 daughters-	25	9,969	4.1	407
Born, 12-31-40; proved, 9-27-49;----; Ohio.	10 daughters-	22	10,078	4.1	413
Sire, 43060; dam, 138979.	10 dams------	18	9,709	4.0	389
Used in Central Ohio Co-op. A. B. A.	Difference---	(6-5-6)	+369	+.1	+24
WHITPAIN REQUEST 58179 *13----------	28 daughters-	77	9,987	3.9	394
Born, 1-13-38; proved, 9-29-49;----; Pa.	23 daughters-	66	10,281	3.9	405
Sire, 44209; dam, 138979.	23 dams------	75	9,077	3.9	354
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(16-18-16)	+1,204	.0	+51
WOODHULL COLIN K 70290----------	5 daughters--	5	9,847	3.8	377
Born, 2-18-42; proved, 9-30-49;----; Kans.	5 dams-------	22	8,083	4.0	324
Sire, 49301; dam, 189407.	Difference---	(3-2-4)	+1,764	-.2	+53
Herd Owner, Gilbert & Karl Scholz, Huron.					
WOODLAWN UL QUAIL DUKE 60654 *12----------	11 daughters-	28	9,257	4.1	383
Born, 1-2-39; proved, 9-30-49; dead; Mass.	11 dams------	53	9,499	4.1	387
Sire, 43060; dam, 144696.	Difference---	(5-8-4)	-242	.0	-4
Herd Owner, Fannie G. Leonard, Raynham.					

BROWN SWISS SIRES

ALLYNHURST MARK 49855 *12----------	14 daughters-	34	11,877	3.8	449
Born, 10-7-40; proved, 9-19-49; dead; Wash.	13 daughters-	32	11,848	3.8	451
Sire, 40490; dam, 51121.	13 dams------	40	12,066	3.8	456
Used in Evergreen A. B. A.	Difference---	(4-6-5)	-218	.0	-5
BEATRICE'S DUPE OF HURON 48029 *13----------	11 daughters-	12	9,398	4.2	393
Born, 11-8-40; proved, 9-30-49; dead; Mich.	11 dams------	61	10,868	4.1	443
Sire, 37743; dam, 71353.	Difference---	(1-9-2)	-1,470	+.1	-50
Herd Owner, Erwin H. Krauss & Sons, Sebewaing.					
BILLIE BULL 46687----------	9 daughters--	10	10,542	4.0	426
Born, 2-11-40; proved, 9-14-49;----; Wis.	5 daughters--	5	10,940	3.9	424
Sire, 37948; dam, 49553.	5 dams-------	6	10,049	4.0	402
Herd Owner, John Rieder, Monroe.	Difference---	(3-3-3)	+891	-.1	+22
BUTTERCUP'S DASHO 52663----------	6 daughters--	8	9,357	3.9	363
Born, 11-24-41; proved, 9-26-49;----; Ill.	6 dams-------	30	9,704	3.9	382
Sire, 37755; dam, 75090.	Difference---	(2-4-2)	-347	.0	-19
Herd Owner, D. F. Hutzel & Son, Davis.					
CLEPE REPEAT V. B. 44280----------	11 daughters-	18	9,224	4.2	386
Born, 4-12-39; proved, 9-1-49;----; Minn.	10 daughters-	17	9,109	4.1	374
Sire, 32209; dam, 57341.	10 dams------	32	10,021	3.9	387
Herd Owner, Conrad R. Brill, Lakefield.	Difference---	(5-8-6)	-912	+.2	-13
COMMANDER OF ARTHURST 49516----------	11 daughters-	17	9,718	4.0	386
Born, 9-25-40; proved, 9-12-49;----; Kans.	9 daughters--	13	9,457	3.9	371
Sire, 30922; dam, 75423.	9 dams-------	24	9,949	4.0	396
Herd Owner, Ardell G. Weeks, Lawrence.	Difference---	(2-4-1)	-492	-.1	-25
ELMHURST MERTON A. C. 51694----------	5 daughters--	11	10,318	4.2	438
Born, 11-17-40; proved, 9-22-49;----; Wis.	5 dams-------	17	8,370	3.9	325
Sire, 26553; dam, 94616.	Difference---	(4-5-5)	+1,948	+.3	+113
Used in Minnesota Valley A. B. A., Minn.					
ELM VALLEY CHALLENGER 56032 *13----------	15 daughters-	23	10,532	3.8	399
Born, 10-27-41; proved, 9-16-49;----; Ill.	15 dams------	43	9,724	3.5	344
Sire, 43019; dam, 71593.	Difference---	(9-13-12)	+808	+.3	+55
Herd Owner, John Schlappi, Winslow.					
FERDINAND BUSTER 44282----------	5 daughters--	9	7,602	4.2	318
Born, 11-25-38; proved, 9-12-49;----; Wis.	5 dams-------	23	7,582	4.2	316
Sire, 28571; dam, 73843.	Difference---	(2-2-2)	+20	.0	+2
Herd Owner, St. Francis Monastery, Burlington.					
FOXWOOD'S DUSTY 43418 *12----------	22 daughters-	47	11,897	4.1	484
Born, 3-11-39; proved, 9-1-49; dead; Ill.	20 daughters-	41	12,022	4.1	488
Sire, 37133; dam, 46835.	20 dams------	65	10,825	3.8	416
Herd Owner, Dr. John W. Ovitz, Sycamore.	Difference---	(13-18-15)	+1,197	+.3	+72

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GYMNAST OF LEE'S HILL 52447----------	8 daughters--	13	9,742	4.0	393
Born, 11-30-41; proved, 9-20-49;----; Ohio.	7 daughters--	11	9,876	4.0	396
Sire, 46267; dam, 82912.	7 dams-------	20	10,755	3.8	410
Herd Owner, Eiting & Knostman, Minster.	Difference---	(3-6-4)	-879	+.2	-14
IVORY INKWYL 49609 *13----------	13 daughters-	18	9,904	4.1	411
Born, 10-25-40; proved, 9-19-49;----; Wis.	12 daughters-	17	9,967	4.2	417
Sire, 32960; dam, 42413.	12 dams------	34	9,261	3.7	342
Herd Owner, Dwight Kruel, Fennimore.	Difference---	(9-12-10)	+706	+.5	+75
LADY BLANCHE'S SEPPLI 48017----------	13 daughters-	17	7,676	3.7	280
Born, 1-2-40; proved, 9-14-49; dead; Wis.	10 daughters-	13	8,062	3.7	295
Sire, 32615; dam, 69626.	10 dams------	10	8,551	3.6	304
Herd Owner, William W. Salmon & Son, Mineral Point.	Difference---	(3-8-5)	-489	+.1	-9
LAKE VIEW ROYAL ELECTRA 55875----------	6 daughters--	9	9,175	4.3	397
Born, 2-26-42; proved, 9-8-49; dead; Wis.	6 dams-------	14	10,232	4.2	429
Sire, 45275; dam, 58273.	Difference---	(2-5-2)	-1,057	+.1	-32
Herd Owner, George Cooke Estate, Racine.					
LILLIE'S MILITOR OF RISKHAVEN 50722----------	12 daughters-	20	11,661	3.8	441
Born, 3-21-41; proved, 9-22-49;----; Ind.	8 daughters--	13	11,612	3.8	444
Sire, 37407; dam, 40200.	8 dams-------	15	9,574	3.9	378
Herd Owner, Richard Hunsberger, Bremen.	Difference---	(6-4-5)	+2,038	-.1	+66
LUCKY STRIKE OF SWISS HILLS 46986----------	10 daughters-	10	8,310	3.9	322
Born, 9-25-39; proved, 9-28-49;----; Wis.	7 daughters--	7	8,156	3.9	317
Sire, 25739; dam, 49720.	7 dams-------	15	8,103	4.1	333
Herd Owner, Archie Sahlstrom & Sons, Galesville.	Difference---	(4-3-4)	+53	-.2	-16
LUELLA'S BOY 50597 *12----------	8 daughters--	13	8,180	4.1	335
Born, 9-16-40; proved, 9-16-49; dead; Pa.	8 dams-------	43	7,388	4.1	305
Sire, 18588; dam, 36371.	Difference---	(7-5-6)	+792	.0	+30
Herd Owner, J. M. Delozier, Hollidaysburg.					
NANCY'S MAIDEN BOY 54975----------	7 daughters--	7	10,672	4.0	422
Born, 3-1-42; proved, 9-1-49;----; N. H.	7 dams-------	23	11,285	3.9	443
Sire, 42937; dam, 85216.	Difference---	(2-5-4)	-613	+.1	-21
Herd Owner, Alexander Lincoln, Jr., Meredith.					
OAKLAND IDEAL COLLEGE BOY 51812 *12----------	12 daughters-	22	11,902	4.1	492
Born, 1-2-41; proved, 9-2-49;----; Ill.	12 dams------	37	10,998	4.0	443
Sire, 33077; dam, 20844.	Difference---	(8-9-8)	+904	+.1	+49
Herd Owner, Goodwin Brothers, Wilmington.					
OAKLAND SENSATION ROYAL BOY 58141 *13----------	11 daughters-	15	10,045	4.0	405
Born, 12-15-42; proved, 9-26-49; dead; Wis.	11 dams------	47	9,713	4.2	403
Sire, 41109; dam, 84986.	Difference---	(7-5-7)	+332	-.2	+2
Herd Owner, Fox Brothers, Columbus.					
PURVIS' BITTER ROOT AMPLIFIER 48134----------	7 daughters--	7	9,357	4.2	395
Born, 12-8-39; proved, 9-1-49; dead; Mont.	5 daughters--	5	9,342	4.1	380
Sire, 35830; dam, 55309.	5 dams-------	5	10,477	3.8	398
Herd Owner, Purvis Brothers, Vaughn.	Difference---	(1-3-3)	-1,135	+.3	-18
ROYAL'S RANGER OF LEE'S HILL 46048 *12----------	45 daughters-	92	9,966	4.0	398
Born, 9-13-39; proved, 9-28-49;----; Iowa.	38 daughters-	76	9,703	4.0	389
Sire, 28594; dam, 46794.	38 dams------	122	10,705	4.0	424
Herd Owner, Carleton D. Beh, Des Moines.	Difference---	(13-22-14)	-1,002	.0	-35
ROYAL V. B. 47090 *12----------	25 daughters-	56	12,185	3.9	472
Born, 8-22-39; proved, 9-9-49;----; Wis.	25 dams------	104	10,946	3.8	418
Sire, 35122; dam, 55223.	Difference---	(20-17-19)	+1,239	+.1	+54
Herd Owner, Voegeli Brothers Estate, Monticello.					
SERGEANT MAJOR OF LEE'S HILL 45417 *12----------	50 daughters-	86	11,186	4.2	475
Born, 10-11-39; proved, 9-13-49; alive; Mass.	50 dams------	265	10,343	4.2	430
Sire, 35469; dam, 53449.	Difference---	(37-31-38)	+843	.0	+45
Herd Owner, HyCrest Farm, Leominster.					
S. GERTRUDE'S BUSTER J. B. 53937 *13----------	8 daughters--	12	13,049	4.1	529
Born, 2-27-42; proved, 9-1-49; alive; Iowa.	8 dams-------	28	10,537	4.2	443
Sire, 31073; dam, 55408.	Difference---	(7-3-7)	+2,512	-.1	+86
Herd Owner, Arthur Schmelzer & Sons, West Union.					
SPENCER FARM'S HAZEL'S CINN 45404 *12----------	14 daughters-	28	9,698	4.1	397
Born, 6-3-39; proved, 9-2-49; dead; Mich.	14 dams------	66	11,210	4.0	445
Sire, 29376; dam, 65175.	Difference---	(3-9-6)	-1,512	+.1	-48
Herd Owner, Max Eifert & Son, Mason.					
THE KEEPER OF LEE'S HILL 55163 *13----------	12 daughters-	14	11,754	4.1	484
Born, 9-21-41; proved, 9-1-49; alive; Ohio.	11 daughters-	13	11,667	4.1	481
Sire, 31653; dam, 65386.	11 dams------	22	12,579	4.0	504
Herd Owner, Philip H. Cone, Loveland.	Difference---	(6-8-6)	-912	+.1	-23

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WALHALLA VALIANT PRINCE 48176 *13----------	13 daughters-	18	9,389	4.0	378
Born, 3-4-40; proved, 9-22-49;----; N. Y.	13 dams------	56	9,312	3.9	365
Sire, 35293; dam, 46855.	Difference---	(5-10-7)	+77	+.1	+13
Herd Owner, Charles A. Brownell, Johnstown.					

GUERNSEY SIRES

ADA'S PRINCE MAXIM 276836 *12----------	20 daughters-	34	7,603	5.1	387
Born, 3-3-39; proved, 9-23-49;----; Va.	18 daughters-	31	7,527	5.1	385
Sire, 155873; dam, 258371.	18 dams------	63	7,350	4.9	361
Herd Owner, George W. Palmer, Green Bay.	Difference---	(11-11-12)	+177	+.2	+24
ANTIETAM ADMIRAL 328154----------	8 daughters--	8	6,045	5.3	320
Born, 3-5-42; proved, 9-27-49;----; Pa.	5 daughters--	5	6,142	5.3	325
Sire, 231275; dam, 435372.	5 dams-------	23	7,840	5.0	395
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(2-3-1)	-1,698	+.3	-70
ANTIETAM CONSTANT 276036 *11----------	28 daughters-	48	8,566	5.0	426
Born, 1-16-39; proved, 9-28-49;----; Pa.	28 dams------	148	8,924	4.8	431
Sire, 231275; dam, 423364.	Difference---	(10-18-12)	-358	+.2	-5
Herd Owner, The Kings Farm, Ludlow.					
ARGILLA PALOT OF AVABA 338561----------	9 daughters--	11	7,036	4.8	335
Born, 9-8-42; proved, 9-23-49; alive; Maine.	7 daughters--	9	7,191	4.8	343
Sire, 203950; dam, 390535.	7 dams-------	26	6,440	4.8	308
Used in Maine Co-op. A. B. A.	Difference---	(5-4-5)	+751	.0	+35
ARGILLA PHILOSOPHER AVABA 312969----------	8 daughters--	9	7,565	4.8	362
Born, 3-11-41; proved, 9-13-49;----; Maine.	5 daughters--	6	6,969	4.9	343
Sire, 203950; dam, 433805.	5 dams-------	15	7,966	4.8	385
Herd Owner, Hugo F. Sandelin, Brunswick.	Difference---	(1-4-1)	-997	+.1	-42
ARGILLA PRESIDENT 328179----------	7 daughters--	7	8,045	4.8	384
Born, 8-10-42; proved, 9-26-49; alive; Maine.	5 daughters--	5	8,297	4.8	396
Sire, 203950; dam, 413583.	5 dams-------	10	6,844	4.8	330
Herd Owner, Tamworth Farm, Blue Hill.	Difference---	(4-3-4)	+1,453	.0	+66
ARGYLL'S VICTORY 323188----------	6 daughters--	7	7,354	4.8	355
Born, 7-7-42; proved, 9-23-49;----; Oreg.	5 daughters--	5	7,138	4.8	343
Sire, 160703; dam, 600023.	5 dams-------	9	8,581	4.8	412
Herd Owner, Dr. H. R. Allumbaugh, Eugene.	Difference---	(2-2-2)	-1,443	.0	-69
ASGROW EXPECTATION 278877 *11----------	19 daughters-	43	5,878	4.9	289
Born, 9-23-39; proved, 9-30-49; dead; Conn.	19 dams------	79	5,979	4.6	278
Sire, 240732; dam, 424618.	Difference---	(8-14-12)	-101	+.3	+11
Herd Owner, Levi O. Peterson, Orange.					
BARCELONA'S NOBLE OF FAIRVIEW 277151 *12----------	9 daughters--	26	6,218	4.6	289
Born, 7-17-38; proved, 9-14-49; dead; Pa.	9 dams-------	42	6,420	5.0	321
Sire, 234922; dam, 478998.	Difference---	(4-1-2)	-202	-.4	-32
Herd Owner, Mrs. Rose Murren, Hanover.					
BAYVILLE MAXIM'S CARNATION 279538 *12----------	15 daughters-	29	7,582	4.8	363
Born, 7-23-39; proved, 9-28-49;----; Va.	12 daughters-	22	7,534	4.8	363
Sire, 198772; dam, 316867.	12 dams------	24	7,039	4.9	344
Herd Owner, T. K. McKee & Son, Chilhowie.	Difference---	(9-5-7)	+495	-.1	+19
BENEFACTOR BOY OF MAPLE GROVE 291703----------	12 daughters-	15	8,414	4.6	389
Born, 12-4-38; proved, 9-21-49;----; Ind.	10 daughters-	13	8,498	4.6	395
Sire, 244127; dam, 270921.	10 dams------	22	8,838	4.5	396
Herd Owner, Pine Manor Farm, Goshen.	Difference---	(5-7-6)	-340	+.1	-1
BONNIE'S KING OF MAPLE GROVE 265425----------	18 daughters-	21	8,008	4.7	378
Born, 12-26-36; proved, 9-21-49;----; Ind.	8 daughters--	10	8,287	4.6	381
Sire, 220308; dam, 270921.	8 dams-------	20	9,827	4.5	442
Herd Owner, Herbert L. Kilmer, Elkhart.	Difference---	(1-6-0)	-1,540	+.1	-61
BOULDER BRIDGE AMBASSADOR 274627 *9----------	21 daughters-	50	7,585	4.8	364
Born, 10-8-38; proved, 9-30-49;----; Wis.	21 dams------	95	8,009	4.8	387
Sire, 216336; dam, 369596.	Difference---	(7-10-8)	-424	.0	-23
Herd Owner, Boyd Harshman, Elk Mound.					
BOULDER BRIDGE PERFECTION 284265 *13----------	24 daughters-	47	6,830	5.2	358
Born, 9-9-39; proved, 9-21-49;----; Minn.	11 daughters-	22	7,084	5.1	363
Sire, 259502; dam, 259326.	11 dams------	27	6,924	4.9	341
Herd Owner, Robert L. Ott & Wingert, Albert Lea.	Difference---	(6-9-7)	+160	+.2	+22
BOURNEDALE BRIAN BORU 277477 *12----------	14 daughters-	19	5,644	5.3	296
Born, 2-28-39; proved, 9-21-49;----; Conn.	9 daughters--	11	5,224	5.3	278
Sire, 174538; dam, 480669.	9 dams-------	18	7,339	4.7	348
Herd Owner, Gladview Farms, Woodbury.	Difference---	(2-9-2)	-2,115	+.6	-70

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BROADVIEW'S FEARLESS KNIGHT 275906 *10----------	22 daughters-	37	7,379	4.9	364
Born, 2-5-39; proved, 9-30-49; dead;----; Md.	22 dams------	74	7,913	4.6	363
Sire, 245201; dam, 459912.	Difference---	(7-20-10)	-534	+.3	+1
Herd Owner, Marshall Wilson & Son, Bel Air.					
CARLO OF HICKORY GROVE 264690 *13----------	32 daughters-	50	9,296	4.8	447
Born, 4-2-38; proved, 9-27-49; dead; Mich.	28 daughters-	45	9,359	4.8	450
Sire, 220140; dam, 395589.	28 dams------	94	8,294	4.8	400
Herd Owner, Elton & J. Roy Smith, Caledonia.	Difference---	(22-13-21)	+1,065	.0	+50
CATHEDRAL ALTA'S SEQUEL 274634----------	6 daughters--	8	8,866	5.1	454
Born, 6-3-39; proved, 9-23-49;----; Pa.	5 daughters--	7	8,787	5.1	449
Sire, 219482; dam, 389282.	5 dams-------	19	9,063	4.9	447
Herd Owner, Geraldine Hopps, Solebury.	Difference---	(2-4-3)	-276	+.2	+2
CESOR NOBLE'S JULES 279597 *12----------	14 daughters-	24	7,197	5.1	368
Born, 4-28-38; proved, 9-21-49; dead; Mich.	14 dams------	31	7,190	5.6	401
Sire, 212790; dam, 287148.	Difference---	(6-3-4)	+7	-.5	-33
Herd Owner, Sashabow Ranch, Clarkston.					
CHAPMAN'S ROYAL PROMISE 293602----------	9 daughters--	10	7,414	4.8	354
Born, 9-28-40; proved, 9-21-49;----; N. Y.	8 daughters--	9	7,318	4.8	348
Sire, 219946; dam, 403558.	8 dams-------	28	7,885	4.6	366
Herd Owner, Jay N. Tearney, Clyde.	Difference---	(2-4-2)	-567	+.2	-18
CHEDCO JOSIAH 272565----------	10 daughters-	13	7,109	4.7	332
Born, 4-13-39; proved, 9-22-49;----; Wis.	6 daughters--	7	7,460	4.7	351
Sire, 241118; dam, 465444.	6 dams-------	13	6,643	5.2	348
Herd Owner, Arthur W. Jones, Waukesha.	Difference---	(5-1-2)	+817	-.5	+3
CHURN CREEK'S DESIGNER 312086----------	5 daughters--	7	6,861	5.4	371
Born, 8-24-41; proved, 9-22-49;----; Iowa.	5 dams-------	9	7,786	5.3	409
Sire, 290649; dam, 442642.	Difference---	(2-2-1)	-925	+.1	-38
Herd Owner, S. Simms & Son, Beaman.					
CHURN CREEK'S ROYAL REX 361437----------	6 daughters--	6	7,409	4.7	348
Born, 6-16-43; proved, 9-1-49;----; Md.	6 dams-------	17	7,931	4.8	377
Sire, 282709; dam, 541553.	Difference---	(3-3-3)	-522	-.1	-29
Herd Owner, A. T. Blades, Preston.					
CLARLON ADVENTURER 278167 *10----------	17 daughters-	37	7,993	4.9	391
Born, 5-7-39; proved, 9-21-49; dead; Iowa.	13 daughters-	24	8,088	4.9	394
Sire, 246087; dam, 384645.	13 dams------	51	8,435	4.7	394
Herd Owner, M. W. Miller & Son, Wellman.	Difference---	(6-11-6)	-347	+.2	0
COLDSPRING'S HARDWICK'S ROYAL 249227 *(Mar. 1949)----------	56 daughters-	88	8,377	4.9	411
Born, 12-29-36; proved, 9-30-49;----; Pa.	43 daughters-	56	8,042	4.9	394
Sire, 207097; dam, 289730.	43 dams------	197	8,073	4.9	399
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(22-22-22)	-31	.0	-5
CONSTANT'S SPARTAN KING 311576----------	10 daughters-	14	6,756	5.1	344
Born, 1-14-42; proved, 9-20-49;----; Pa.	7 daughters--	11	6,902	5.0	344
Sire, 276036; dam, 429014.	7 dams-------	22	7,212	5.0	362
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(4-3-2)	-310	.0	-18
DUKE OF T. H. 322872----------	6 daughters--	6	5,563	4.8	265
Born, 1-9-42; proved, 9-13-49;----; Maine.	6 dams-------	16	6,400	5.1	327
Sire, 269070; dam, 369008.	Difference---	(2-1-1)	-837	-.3	-62
Herd Owner, Thornhurst Farm, Inc., Portland.					
EDGE MOUNT VAGABOND 308537 *13----------	24 daughters-	36	6,691	4.5	302
Born, 4-12-41; proved, 9-2-49; dead; Pa.	23 daughters-	34	6,725	4.5	305
Sire, 231275; dam, 461803.	23 dams------	104	7,323	4.8	354
Herd Owner, Lee M. Poorbaugh, York.	Difference---	(8-4-7)	-598	-.3	-49
ELMWOOD FARM'S ROYAL NOBLE 327559----------	6 daughters--	6	7,887	5.2	407
Born, 1-16-41; proved, 9-27-49;----; N. Y.	5 daughters--	5	8,220	5.1	417
Sire, 279696; dam, 551679.	5 dams-------	18	8,878	4.8	430
Herd Owner, Harry R. Onderdonk, Stanley.	Difference---	(2-5-3)	-658	+.3	-13
EVALENA'S PRINCELING 311757----------	6 daughters--	7	8,247	4.8	394
Born, 12-4-41; proved, 9-1-49; dead; Wis.	5 daughters--	5	8,471	4.6	393
Sire, 266961; dam, 655352.	5 dams-------	6	8,334	4.7	388
Herd Owner, Fred Bischoff, Osseo.	Difference---	(3-4-2)	+137	-.1	+5
EVERGREEN SAMMY 333107----------	10 daughters-	11	8,280	4.7	392
Born, 2-27-43; proved, 9-20-49;----; Pa.	7 daughters--	8	8,090	4.8	387
Sire, 262485; dam, 534723.	7 dams-------	20	7,754	5.2	403
Herd Owner, Maple Knoll Farms, New Hope.	Difference---	(5-2-2)	+336	-.4	-16
FALL BLOSSOM'S MORNING STAR 310620 *13----------	25 daughters-	40	8,640	5.2	449
Born, 7-12-41; proved, 9-13-49; dead; Pa.	17 daughters-	25	8,689	5.2	448
Sire, 277296; dam, 686275.	17 dams------	78	9,221	4.9	448
Herd Owner, Woodfields Farm, Wycombe.	Difference---	(8-15-8)	-532	+.3	0

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
FARETTI'S FARM ROYAL LEADER 292040----------	14 daughters-	25	8,047	4.7	377
Born, 4-15-40; proved, 9-2-49; dead; Calif.	14 dams------	45	8,014	4.3	348
Sire, 251551; dam, 520629.	Difference---	(7-12-9)	+33	+.4	+29
Herd Owner, Castello's Golden Crest Dairy, Elk Grove.					
FIR RIDGE ULTRA PREMIER 275957----------	12 daughters-	21	7,562	5.0	276
Born, 5-5-38; proved, 9-13-49;----; Wash.	5 daughters--	10	6,059	4.8	290
Sire, 196157; dam, 256849.	5 dams-------	13	8,524	4.9	416
Herd Owner, R. B. Ticknor, Centralia.	Difference---	(0-3-0)	-2,465	-.1	-126
FOREMOST PHILOSOPHER 272377 *(Feb. 1949)----------	17 daughters-	30	9,194	4.5	416
Born, 6-17-38; proved, 9-28-49;----; Ohio.	11 daughters-	18	9,364	4.5	417
Sire, 185651; dam, 347884.	11 dams------	21	8,785	4.8	418
Used in Central Ohio Co-op. A. B. A.	Difference---	(6-3-4)	+579	-.3	-1
FOREMOST QUENTIN 315181 *13----------	19 daughters-	25	7,543	4.7	352
Born, 9-13-41; proved, 9-13-49;----; Wis.	19 dams------	81	7,318	4.9	357
Sire, 285220; dam, 646568.	Difference---	(10-5-8)	+225	-.2	-5
Herd Owner, Elton W. Morgan & Son, Cato.					
FRANCHESTER SUPER ACTOR 275474 *13----------	15 daughters-	33	6,583	5.0	331
Born, 2-19-39; proved, 9-28-49;----; Ohio.	13 daughters-	29	6,468	5.1	329
Sire, 244736; dam, 461969.	13 dams------	58	7,080	4.8	339
Herd Owner, Bryson & Sweigart, Saint Marys.	Difference---	(3-11-6)	-612	+.3	-10
FRIENDSHIP CLIMAX'S AUTOCRAT 261966----------	15 daughters-	15	6,173	4.9	303
Born, 9-19-37; proved, 9-19-49; alive; Pa.	11 daughters-	11	6,692	4.9	325
Sire, 146507; dam, 247718.	11 dams------	23	7,799	4.7	364
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(3-7-4)	-1,107	+.2	-39
GARDENVILLE CHANCELLOR 364312----------	13 daughters-	19	7,139	4.7	338
Born, 3-15-42; proved, 9-13-49;----; Pa.	8 daughters--	10	7,418	4.7	352
Sire, 276217; dam, 560167.	8 dams-------	27	7,222	5.0	359
Herd Owner, Arthur G. Kinney, Jr., Holicong.	Difference---	(4-2-4)	+196	-.3	-7
GAYHEAD'S HIS LEGATEE 306647----------	11 daughters-	13	8,364	5.1	428
Born, 4-13-41; proved, 9-13-49;'alive; N. H.	8 daughters--	10	8,315	5.1	426
Sire, 259917; dam, 460159.	8 dams-------	24	8,480	5.2	438
Herd Owner, Valley View Farm, Hillsboro.	Difference---	(3-4-3)	-165	-.1	-12
GAYLORD'S SQUIRE'S FAME 327383----------	5 daughters--	6	8,833	4.9	432
Born, 8-16-42; proved, 9-13-49;----; Iowa.	5 dams-------	8	8,393	4.8	404
Sire, 216866; dam, 557294.	Difference---	(4-2-4)	+440	+.1	+28
Herd Owner, R. S. Kilpatrick & Jones, Woodward.					
GAY PRINCE OF KREA LAWN 303416 *13----------	13 daughters-	23	7,704	4.9	379
Born, 12-10-40; proved, 9-30-49; dead; Wis.	10 daughters-	16	7,483	4.9	366
Sire, 273578; dam, 463543.	10 dams------	35	8,044	5.0	404
Herd Owner, J. G. Skinner, Barron.	Difference---	(4-5-3)	-561	-.1	-38
GLENBURNIE JESSE LAD 276153 *12----------	10 daughters-	21	8,122	5.1	415
Born, 6-25-39; proved, 9-26-49; dead; N. J.	10 dams------	47	8,163	4.6	375
Sire, 262087; dam, 590584.	Difference---	(6-10-8)	-41	+.5	+40
Herd Owner, H. S. Baker & Son, Pennington.					
GOLDEN GRANGE CHALLENGER 284502 *12----------	10 daughters-	24	8,079	4.9	392
Born, 4-4-39; proved, 9-21-49;----; Ohio.	9 daughters--	22	7,954	4.8	382
Sire, 248732; dam, 368126.	9 dams-------	41	7,929	4.7	375
Herd Owner,Coldwater Guernsey Dairy, Coldwater.	Difference---	(4-4-4)	+25	+.1	+7
GOLDEN GRANGE DAMON 255010----------	11 daughters-	12	9,103	5.0	459
Born, 3-2-37; proved, 9-1-49;----; Ind.	8 daughters--	9	8,946	4.9	437
Sire, 115615; dam, 475108.	8 dams-------	25	8,168	5.1	414
Herd Owner, Andrew Radal & Son, Peru.	Difference---	(5-5-4)	+778	-.2	+23
GREENFIELD RELIANCE 272608----------	6 daughters--	7	8,057	4.7	378
Born, 3-21-39; proved, 9-1-49;----; Pa.	5 daughters--	6	8,103	4.7	379
Sire, 179309; dam, 347729.	5 dams-------	17	7,626	5.1	389
Herd Owner, John M. Harding, Ivyland.	Difference---	(2-0-2)	+477	-.4	-10
GREEN MEADS JUSTIN 299955----------	9 daughters--	10	9,469	4.6	433
Born, 12-20-39; proved, 9-1-49;----; Mo.	6 daughters--	6	9,980	4.4	441
Sire, 216866; dam, 553483.	6 dams-------	10	9,590	4.8	456
Herd Owner, E. J. Parminter & Sons, Lockwood.	Difference---	(3-3-3)	+390	-.4	-15
GREEN MEADS PEARL LEVITY 326163----------	5 daughters--	6	5,648	4.9	279
Born, 12-18-41; proved, 9-23-49; alive; Maine.	5 dams-------	12	9,005	4.8	436
Sire, 288158; dam, 249031.	Difference---	(0-3-0)	-3,357	+.1	-157
Used in Maine Co-op. A. B. A.					
GREEN MEADS PROUD GALLANT 264695 *13----------	17 daughters-	26	6,931	5.1	354
Born, 3-28-38; proved, 9-26-49; dead; Mich.	14 daughters-	22	6,654	5.2	348
Sire, 216866; dam, 501584.	14 dams------	64	7,479	5.0	370
Herd Owner, Harry Baumunk & Son, Big Rapids.	Difference---	(4-11-5)	-825	+.2	-22

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HAPPYHOLME SERGEANT MAC 344346----------	8 daughters--	8	8,920	5.0	443
Born, 2-20-43; proved, 9-27-49;----; Calif.	8 dams-------	8	7,668	5.2	402
Sire, 302518; dam, 697170.	Difference---	(6-1-6)	+1,252	-.2	+41
Herd Owner, R. H. McNair, Durham.					
HARRIET'S LIEUTENANT 363651----------	7 daughters--	9	6,689	4.9	330
Born, 2-10-42; proved, 9-8-49;----; Va.	7 dams-------	28	7,696	4.7	360
Sire, 244386; dam, 430470.	Difference---	(2-4-2)	-1,007	+.2	-30
Herd Owner, Black Oak Farm, Purcellville.					
HERO OF KENNERSLEY FARM 354597----------	6 daughters--	6	8,318	4.8	398
Born, 4-2-43; proved, 9-1-49;----; Md.	5 daughters--	5	8,638	4.7	409
Sire, 262308; dam, 448878.	5 dams-------	8	8,932	4.7	418
Herd Owner, Kennersley Farm, Church Hill.	Difference---	(3-2-2)	-294	.0	-9
HILL GIRT ARTFUL 277379 *12----------	13 daughters-	18	7,264	4.7	342
Born, 4-19-39; proved, 9-27-49; dead; Pa.	13 dams------	55	7,833	4.9	383
Sire, 251971; dam, 309019.	Difference---	(7-4-4)	-569	-.2	-41
Herd Owner, William R. Fox & Sons, Enon Valley.					
HILLTOP BUTTERFAT BLAZER 283865----------	14 daughters-	15	7,153	4.9	348
Born, 10-24-39; proved, 9-20-49;----; Wis.	8 daughters--	9	7,358	5.0	365
Sire, 240324; dam, 441264.	8 dams-------	14	7,902	5.1	400
Used in Cooperative A. B. A. #1, Inc., N. J.	Difference---	(3-3-4)	-544	-.1	-35
HILLTOP BUTTERFAT LEN 283737 *13----------	10 daughters-	19	6,980	5.0	346
Born, 10-15-39; proved, 9-30-49; dead; Conn.	9 daughters--	16	6,842	4.9	339
Sire, 189151; dam, 450470.	9 dams-------	33	6,411	4.8	311
Herd Owner, The Lyman Farm, Middlefield.	Difference---	(5-6-6)	+431	+.1	+28
HOLDRIDGE CONQUEROR 285933----------	10 daughters-	17	7,845	4.7	372
Born, 11-5-39; proved, 9-1-49; dead; Ohio.	7 daughters--	14	8,061	4.7	377
Sire, 236365; dam, 419480.	7 dams-------	9	7,908	5.1	400
Herd Owner, Ralph L. Butler, Farmdale.	Difference---	(4-1-4)	+153	-.4	-23
HOMELAND SECURITY 309730----------	6 daughters--	8	7,968	4.7	374
Born, 7-23-41; proved, 9-1-49; dead; Conn.	6 dams-------	20	8,512	4.6	391
Sire, 232843; dam, 408127.	Difference---	(3-5-3)	-544	+.1	-17
Herd Owner, George Simpson, Wallingford.					
JANE'S AMERICAN DICKIE 352754----------	8 daughters--	8	7,420	4.6	340
Born, 12-4-42; proved, 9-1-49;----; Iowa.	8 dams-------	35	6,670	4.9	328
Sire, 248973; dam, 554303.	Difference---	(5-1-4)	+750	-.3	+12
Herd Owner, Charles Schlumbohm, Aurora.					
JULIA'S CONCLAVE OF WOODBURN 369860 *13----------	10 daughters-	17	8,703	4.8	418
Born, 3-16-41; proved, 9-1-49; dead; Md.	9 daughters--	16	8,728	4.7	411
Sire, 223503; dam, 538684.	9 dams-------	22	8,483	4.4	374
Herd Owner, Howard M. Artz, Hagerstown.	Difference---	(4-7-5)	+245	+.3	+37
KENFLEUR'S BERNA QUAD 346159----------	5 daughters--	6	8,240	4.9	404
Born, 7-9-43; proved, 9-29-49;----; Ill.	5 dams-------	16	7,302	5.1	372
Sire, 222091; dam, 517802.	Difference---	(5-2-4)	+938	-.2	+32
Herd Owner, Bert Judy, Cissna Park.					
KING'S SANDY OF SPIRIT VIEW 332535----------	7 daughters--	11	8,151	4.9	397
Born, 11-6-42; proved, 9-19-49; dead; Wis.	6 daughters--	10	8,162	4.9	399
Sire, 301713; dam, 467153.	6 dams-------	26	8,553	5.0	428
Herd Owner, David Nelson, Brantwood.	Difference---	(3-2-2)	-391	-.1	-29
K-U FARM'S PRINCE 316192----------	5 daughters--	8	7,496	4.6	342
Born, 11-20-41; proved, 9-30-49;----; Pa.	5 dams-------	22	6,810	4.6	317
Sire, 264804; dam, 305346.	Difference---	(4-1-4)	+686	.0	+25
Herd Owner, Joseph H. Stover & Son, Buckingham.					
LAW-WILL COLIN KELLY 317977----------	6 daughters--	7	8,314	4.5	378
Born, 12-20-41; proved, 9-23-49;----; Conn.	5 daughters--	5	8,646	4.5	392
Sire, 237501; dam, 603670.	5 dams-------	18	7,461	4.6	344
Herd Owner, Alfred Arnold, Abington.	Difference---	(4-4-4)	+1,185	-.1	+48
LEADER OF SINKING SPRINGS 302655 *13----------	10 daughters-	15	9,080	4.9	444
Born, 12-22-40; proved, 9-29-49; dead; Pa.	8 daughters--	13	9,232	4.9	456
Sire, 217317; dam, 268708.	8 dams-------	35	8,214	5.0	412
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(7-4-5)	+1,018	-.1	+44
LISETER BELLA'S HARDFAST 279601 *12----------	15 daughters-	19	7,231	4.9	357
Born, 3-11-39; proved, 9-20-49;----; Pa.	11 daughters-	15	7,678	4.9	380
Sire, 238697; dam, 434403.	11 dams------	41	7,814	4.8	378
Herd Owner, Liseter Farm, Newtown Square.	Difference---	(6-6-7)	-136	+.1	+2
LOCUST LANE SHEIK 268796----------	9 daughters--	30	6,904	4.8	333
Born, 11-2-37; proved, 9-23-49;----; Pa.	9 dams-------	41	7,684	4.5	350
Sire, 219235; dam, 455105.	Difference---	(3-8-3)	-780	+.3	-17
Herd Owner, Nellie I. Winter, Lewisburg.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
LYNBROOK APPLE JACK 299165	8 daughters--	10	8,619	4.9	426
Born, 10-11-40; proved, 9-21-49,----; Conn.	7 daughters--	9	8,633	4.9	424
Sire, 284429; dam, 564429.	7 dams-------	19	7,361	4.7	348
Herd Owner, Housatonic Farms, Inc., Southbury.	Difference---	(5-5-6)	+1,272	+.2	+76
MAID'S TOP OF OAK GROVE 279407 *12	17 daughters-	28	6,804	5.1	344
Born, 7-27-39; proved, 9-26-49; dead; Pa.	14 daughters-	25	6,859	5.1	352
Sire, 228454; dam, 302862.	14 dams------	52	8,008	4.8	382
Herd Owner, Harry Arnold, Beaver Falls.	Difference---	(3-12-4)	-1,149	+.3	-30
MAPLE LANE DIANA'S DESIGNER 314968	6 daughters--	8	8,504	4.5	379
Born, 12-2-41; proved, 9-1-49; dead; N. Y.	6 dams-------	13	6,971	4.6	320
Sire, 283279; dam, 585836.	Difference---	(4-2-4)	+1,533	-.1	+59
Herd Owner, Fred Clarke, Chester.					
MCDONALD FARMS HERO 323869 *13	13 daughters-	16	7,183	4.8	347
Born, 4-7-42; proved, 9-12-49; dead; Ariz.	12 daughters-	15	7,167	4.8	344
Sire, 212227; dam, 523722.	12 dams------	42	7,478	4.5	339
Herd Owner, Shamrock Dairy, Tucson.	Difference---	(5-11-8)	-411	+.3	+5
MOBJACK ARCHER 275637 *13	15 daughters-	19	6,956	4.9	340
Born, 5-25-38; proved, 9-20-49;----; Va.	13 daughters-	16	6,892	4.9	336
Sire, 199862; dam, 467648.	13 dams------	30	6,951	4.9	342
Herd Owner, Samuel H. Bell, Dublin.	Difference---	(4-6-4)	-59	.0	-6
NEPTUNE'S BUTTER LAD 284700 *12	12 daughters-	17	8,299	5.6	468
Born, 11-2-39; proved, 9-23-49; dead; Mich.	9 daughters--	14	8,440	5.6	472
Sire, 245563; dam, 336919.	9 dams-------	24	8,723	4.9	431
Herd Owner, Edward B. Westenfelder, Fremont.	Difference---	(3-9-6)	-283	+.7	+41
OAK GROVE'S KINGMAN 337437	6 daughters--	6	7,584	5.2	392
Born, 6-17-43; proved, 9-23-49;----; Va.	6 dams-------	13	8,177	5.0	405
Sire, 282029; dam, 456420.	Difference---	(3-4-3)	-593	+.2	-13
Herd Owner, R. T. Stewart, Roanoke.					
OLLIMAC PRESIDENT'S HOPEFUL 302597 *12	22 daughters-	36	7,877	5.1	404
Born, 6-15-39; proved, 9-2-49;----; Calif.	21 daughters-	32	7,872	5.2	406
Sire, 227427; dam, 431782.	21 dams------	99	7,155	5.1	363
Herd Owner, C. M. Morelli, Petaluma.	Difference---	(14-15-15)	+717	+.1	+43
ORPHAN OF QUADRUPLE OAKS 361996	7 daughters--	7	7,833	5.0	394
Born, 3-4-42; proved, 9-20-49; dead; Wis.	6 daughters--	6	7,760	5.2	401
Sire, 298312; dam, 624620.	6 dams-------	18	7,959	4.6	368
Herd Owner, Erich Schwock, Merrill.	Difference---	(3-5-5)	-199	+.6	+33
OWEN'S PLACE MAMIE'S ADMIRAL 284706 *12	12 daughters-	21	8,702	5.0	434
Born, 12-10-39; proved, 9-26-49;----; Ind.	11 daughters-	19	8,762	5.0	439
Sire, 218349; dam, 236168.	11 dams------	27	7,972	4.9	388
Used in Indiana A. B. A.	Difference---	(8-6-7)	+790	+.1	+51
PINE MANOR CAREER 319604 *13	10 daughters-	16	8,880	4.7	420
Born, 2-21-42; proved, 9-20-49;----; Iowa.	10 dams------	24	8,312	4.6	384
Sire, 241114; dam, 398722.	Difference---	(7-7-8)	+568	+.1	+36
Herd Owner, R. S. Kilpatrick & Jones, Woodward.					
PINE MANOR HERCULES 266512	8 daughters--	17	8,834	4.9	435
Born, 8-8-38; proved, 9-26-49; alive; Kans.	5 daughters--	13	8,691	5.0	431
Sire, 201927; dam, 485888.	5 dams-------	23	8,441	5.0	425
Used in University of Nebraska, Nebr. (A. B. A.).	Difference---	(3-1-3)	+250	.0	+6
PLAYHAVEN'S Y. GENEROUS 269164	8 daughters--	16	6,483	4.7	303
Born, 10-24-38; proved, 9-23-49;----; Mich.	5 daughters--	10	6,771	4.5	307
Sire, 222777; dam, 375310.	5 dams-------	7	7,356	4.5	334
Herd Owner, Albert Wille & Son, St. Charles.	Difference---	(2-3-1)	-585	.0	-27
QUAIL ROOST KING SPOT 296201	11 daughters-	13	7,183	5.4	391
Born, 12-22-40; proved, 9-13-49;----; N. C.	6 daughters--	7	7,273	5.6	406
Sire, 215838; dam, 548860.	6 dams-------	8	8,655	5.0	431
Herd Owner, Hillandale Dairy, Durham.	Difference---	(2-6-4)	-1,382	+.6	-25
RAEMELTON CORKING QUICKSILVER 318040	5 daughters--	5	7,229	4.8	347
Born, 10-8-41; proved, 9-23-49;----; Mich.	5 dams-------	6	8,702	4.9	422
Sire, 244893; dam, 539506.	Difference---	(0-3-0)	-1,473	-.1	-75
Herd Owner, Clynt Carpenter, Coldwater.					
RATCLIFFE MANOR KING PETER 335453	10 daughters-	13	10,813	4.8	517
Born, 3-11-43; proved, 9-22-49;----; Pa.	9 daughters--	12	10,549	4.8	505
Sire, 233705; dam, 545673.	9 dams-------	35	9,482	4.8	456
Herd Owner, Wealwood Farm, Landenberg.	Difference---	(7-6-6)	+1,067	.0	+49
RIDGEDALE VAGABOND 342412	6 daughters--	6	7,767	5.0	392
Born, 6-2-43; proved, 9-13-49; dead; Wis.	6 dams-------	21	7,664	4.7	358
Sire, 306834; dam, 648473.	Difference---	(4-5-5)	+103	+.3	+34
Herd Owner, A. P. Andree & Sons, Ogema.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RIVEREDGE ALERT'S PREDICTION 309576----------	6 daughters--	8	7,061	4.7	333
Born, 7-10-41; proved, 9-30-49;----; Pa.	5 daughters--	6	6,675	4.7	312
Sire, 236364; dam, 295960.	5 dams-------	19	8,955	4.9	440
Herd Owner, Shadow Brook Farm, Tunkhannock.	Difference---	(0-1-0)	-2,280	-.2	-128
RIVEREDGE CONTENDER'S PRINCE 245711----------	8 daughters--	10	6,881	4.7	325
Born, 9-23-36; proved, 9-12-49;----; Pa.	6 daughters--	7	6,728	4.8	322
Sire, 225788; dam, 407766.	6 dams-------	20	7,538	5.2	392
Herd Owner, Paul Greenawalt, Brookville.	Difference---	(2-2-0)	-810	-.4	-70
ROAMER'S ROSE ANCHOR 247873----------	14 daughters-	37	10,306	5.0	512
Born, 8-20-36; proved, 9-30-49;----; Calif.	10 daughters-	23	10,262	5.0	508
Sire, 205693; dam, 399295.	10 dams------	35	9,691	4.6	448
Herd Owner, Stanley C. Bengtson, Sebastopol.	Difference---	(4-8-9)	+571	+.4	+60
ROBIN RUN'S LOTTA'S VALIANT 320623----------	6 daughters--	11	6,642	4.6	306
Born, 8-7-40; proved, 9-13-49;----; Pa.	5 daughters--	9	6,068	4.7	284
Sire, 230462; dam, 457415.	5 dams-------	16	6,077	4.7	288
Herd Owner, Woodbourne Farms, Dimock.	Difference---	(2-3-2)	-9	.0	-4
ROCKINGHAM CHATTEL 284714 *12----------	28 daughters-	67	7,985	5.0	402
Born, 7-2-39; proved, 9-26-49;----; Pa.	27 daughters-	65	8,054	5.0	407
Sire, 206670; dam, 477780.	27 dams------	117	8,510	4.9	413
Herd Owner, Grayce Farms, Dalton.	Difference---	(11-20-11)	-456	+.1	-6
ROCKINGHAM PLAYBOY 257744----------	11 daughters-	21	7,627	5.0	380
Born, 10-28-36; proved, 9-14-49;----; Md.	6 daughters--	12	7,419	5.0	374
Sire, 237072; dam, 369498.	6 dams-------	8	8,380	4.7	396
Herd Owner, Walter E. Kriel, Hampstead.	Difference---	(2-5-3)	-961	+.3	-22
ROSEBUD HERO'S REMINDER 316411 *13----------	12 daughters-	20	10,762	4.4	469
Born, 1-16-42; proved, 9-13-49; dead; Iowa.	10 daughters-	16	10,973	4.4	480
Sire, 235690; dam, 580935.	10 dams------	26	8,053	4.7	380
Used in Eastern Iowa A. B. A., Inc.	Difference---	(10-1-9)	+2,920	-.3	+100
ROSE MAXIM MAY KING 302221----------	9 daughters--	9	9,049	5.0	449
Born, 4-9-40; proved, 9-26-49;----; N. C.	8 daughters--	8	9,079	4.9	443
Sire, 265647; dam, 599467.	8 dams-------	8	6,597	4.9	322
Herd Owner, Ward C. Snarr, Siler City.	Difference---	(7-4-7)	+2,482	.0	+121
ROSE'S DARIGOLD HOMER 277032----------	14 daughters-	28	7,821	4.7	371
Born, 3-28-39; proved, 9-23-49;----; Wash.	6 daughters--	11	8,221	4.6	377
Sire, 251892; dam, 572838.	6 dams-------	13	5,808	4.8	276
Herd Owner, Antilla Farms, Longview.	Difference---	(6-2-6)	+2,413	-.2	+101
SHELDEGREN PRINCE VICTORY 305035 *13----------	11 daughters-	17	7,715	5.3	410
Born, 2-28-41; proved, 9-28-49;----; Mass.	11 dams------	44	7,637	5.0	383
Sire, 234606; dam, 426398.	Difference---	(7-10-8)	+78	+.3	+27
Herd Owner, Sheldegren Farm, Greenfield.					
SHERWOOD FOREST ROYAL 291220----------	22 daughters-	28	6,836	4.8	326
Born, 3-17-40; proved, 9-13-49; dead; Va.	9 daughters--	12	6,272	4.6	290
Sire, 252526; dam, 458258.	9 dams-------	13	5,108	4.5	230
Herd Owner, Roy C. Kinsey, Roanoke.	Difference---	(7-5-7)	+1,164	+.1	+60
SLEEPY HOLLOW LOVER'S ROYAL 284160 *13----------	20 daughters-	34	9,490	4.9	461
Born, 12-21-39; proved, 9-22-49;----; Calif.	20 dams------	70	7,799	4.7	365
Sire, 184902; dam, 424677.	Difference---	(17-15-19)	+1,691	+.2	+96
Herd Owner, Ray Gambonini, Petaluma.					
SPRINGER FARM WILLAMETTE 317703----------	11 daughters-	16	7,186	4.8	344
Born, 12-15-41; proved, 9-30-49;----; Oreg.	7 daughters--	10	7,376	4.8	352
Sire, 267159; dam, 500831.	7 dams-------	16	7,613	4.8	364
Herd Owner, Albert Bochsler, Mt. Angel.	Difference---	(2-5-3)	-237	.0	-12
STAR'S DAVID JONES 321302----------	6 daughters--	7	8,330	4.3	360
Born, 1-31-42; proved, 9-13-49;----; Ohio.	6 dams-------	10	6,393	4.6	293
Sire, 252901; dam, 601902.	Difference---	(5-2-5)	+1,937	-.3	+67
Herd Owner, Julius Foxbower & R. H. Metzcar, Pleasant Plain.					
STERLINGOLD PREMIER 330485----------	11 daughters-	12	9,474	5.2	495
Born, 7-28-42; proved, 9-28-49;----; Pa.	7 daughters--	7	9,729	5.1	497
Sire, 254801; dam, 599755.	7 dams-------	29	8,909	4.7	421
Herd Owner, Edward C. Riley, Lumberville.	Difference---	(4-6-6)	+820	+.4	+76
SUNNY VALLEY'S REFLECTOR 281194----------	15 daughters-	28	7,628	4.8	365
Born, 12-6-38; proved, 9-30-49;----; Conn.	6 daughters--	11	7,395	4.9	362
Sire, 227871; dam, 368538.	6 dams-------	13	6,702	4.5	300
Herd Owner, Wesley L. Bruey, Norfolk.	Difference---	(5-5-4)	+693	+.4	+62
TARBELL FARMS PEERLESS MAXIMUS 295390 *(Mar. 1949)---------	33 daughters-	62	8,412	4.6	391
Born, 10-17-40; proved, 9-30-49; dead; Pa.	27 daughters-	52	8,340	4.7	392
Sire, 214202; dam, 601899.	27 dams------	111	7,839	4.9	381
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(12-9-15)	+501	-.2	+11

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
THREE PINES' PRIDE 328348----------	7 daughters--	8	9,821	4.9	479
Born, 10-22-42; proved, 9-20-49;----; Iowa.	5 daughters--	5	9,840	5.0	492
Sire, 311496; dam, 640679.	5 dams-------	5	8,967	4.3	372
Herd Owner, Burk Brothers, Collins.	Difference---	(4-5-4)	+1,273	+.7	+120
VALEUR'S R-V-C OF HOP YARD 277263----------	10 daughters-	10	6,923	4.7	326
Born, 3-13-39; proved, 9-30-49;----; Va.	8 daughters--	8	6,852	4.7	322
Sire, 198685; dam, 493038.	8 dams-------	32	8,119	5.0	403
Herd Owner, Hop Yard Farm, Fredericksburg.	Difference---	(3-3-2)	-1,267	-.3	-81
VALLEY GEM CACIQUE 304746 *13----------	14 daughters-	22	8,338	4.8	400
Born, 5-8-41; proved, 9-1-49; dead; Wash.	12 daughters-	19	8,256	4.8	400
Sire, 198293; dam, 506793.	12 dams------	43	8,111	5.1	416
Herd Owner, Harvey Peissner, Yelm.	Difference---	(6-2-3)	+145	-.3	-16
VALLEY STOCK FARM'S ROBUST 298729----------	17 daughters-	20	5,893	4.7	276
Born, 11-26-39; proved, 9-8-49;----; N. Y.	16 daughters-	19	5,957	4.7	278
Sire, 254163; dam, 448876.	16 dams------	39	7,372	5.1	378
Herd Owner, Sterling Graves & W. H. Kelsey, Theresa.	Difference---	(3-1-1)	-1,415	-.4	-100
VALLEYWOOD HECTOR 254243 *11----------	28 daughters-	61	8,021	5.2	414
Born, 9-22-37; proved, 9-30-49;----; Pa.	27 daughters-	60	8,067	5.2	417
Sire, 135201; dam, 208752.	27 dams------	164	8,561	5.0	427
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(12-19-12)	-494	+.2	-10
WALDORF MYRTLE'S COUNSELLOR 256229----------	10 daughters-	11	6,549	4.6	300
Born, 12-30-37; proved, 9-9-49; dead; N. Y.	6 daughters--	7	6,119	4.6	282
Sire, 228236; dam, 414823.	6 dams-------	19	6,950	4.9	341
Herd Owner, Dr. Charles H. Sproat, Valley Falls.	Difference---	(1-1-2)	-831	-.3	-59
WETHERSFIELD PRINCE CHARMING 266206----------	6 daughters--	10	8,079	4.9	395
Born, 6-7-38; proved, 9-22-49;----; N. H.	5 daughters--	9	7,951	5.0	396
Sire, 251630; dam, 277503.	5 dams-------	23	7,915	4.8	376
Herd Owner, William T. Jordan, Concord.	Difference---	(2-4-2)	+36	+.2	+20
WILLOWMERE BONIFACE 270110----------	6 daughters--	9	6,779	4.8	325
Born, 9-4-38; proved, 9-23-49;----; Va.	6 dams-------	10	8,224	4.8	392
Sire, 209730; dam, 383772.	Difference---	(1-5-1)	-1,445	.0	-67
Herd Owner, R. K. Cornwell, Round Hill.					
WOOD HOMESTEAD PTOLEMY GIBBS 303265----------	8 daughters--	9	8,254	4.5	373
Born, 3-18-41; proved, 9-30-49;----; Pa.	6 daughters--	7	8,181	4.6	377
Sire, 269854; dam, 444327.	6 dams-------	10	7,358	4.8	355
Herd Owner, George H. Corey, Millerton.	Difference---	(4-2-4)	+823	-.2	+22
YELLOW CREEK MEADOW KING 275036----------	8 daughters--	9	9,162	4.7	427
Born, 5-28-38; proved, 9-13-49;----; Ind.	7 daughters--	8	8,865	4.6	411
Sire, 244127; dam, 409964.	7 dams-------	18	9,379	4.9	463
Used in Cooperative A. B. A. #1, Inc., N. J.	Difference---	(2-3-2)	-514	-.3	-52
13-A1999 (DHIA EARTAG) *12----------	13 daughters-	22	7,042	4.8	335
Born, 12-26-40; proved, 9-1-49; dead; Vt.	13 dams------	76	7,916	4.4	347
Sire, 221756; dam, 13*18336.	Difference---	(3-13-7)	-874	+.4	-12
Herd Owner, Clyde B. & George Douglas, Chester.					
35*HZ50234 (BANGS OR TB EARTAG)----------	7 daughters--	7	6,901	5.0	346
Born, ----; proved, 9-22-49;----; Wis.	7 dams-------	32	7,475	4.9	363
Sire, ----; dam, ----.	Difference---	(3-5-3)	-574	+.1	-17
Herd Owner, Alden Kolb, Cleveland.					
91-B9957 (DHIA EARTAG)----------	7 daughters--	22	8,036	4.9	397
Born, ----; proved, 9-23-49;----; Wash.	5 daughters--	16	8,089	5.0	403
Sire, ----; dam, ----.	5 dams-------	13	8,393	4.7	395
Herd Owner, H. O. Solibakke, Port Ludlow.	Difference---	(2-4-2)	-304	+.3	+8

HOLSTEIN SIRES

AWJAY MODEL KING BESS 855915----------	9 daughters--	13	13,450	3.6	490
Born, 3-23-42; proved, 9-16-49;----; Wis.	8 daughters--	11	13,390	3.6	485
Sire, 786318; dam, 2067038.	8 dams-------	36	11,113	3.4	376
Herd Owner, Herbert R. Meyer, Baraboo.	Difference---	(8-8-8)	+2,277	+.2	+109
BEEBE DE KOL 817372 *12----------	10 daughters-	16	8,702	3.5	305
Born, 4-5-40; proved, 9-14-49; dead; Mich.	10 dams------	36	9,486	3.7	354
Sire, 773034; dam, 2066352.	Difference---	(4-5-3)	-784	-.2	-49
Herd Owner, Elvin Beebe, Holly.					
BELLE CREST DEAN FOBES 799361 *(Mar. 1949)----------	34 daughters-	50	12,100	3.5	426
Born, 6-9-40; proved, 9-30-49;----; Pa.	27 daughters-	42	12,324	3.5	433
Sire, 769435; dam, 1855556.	27 dams------	101	12,051	3.5	421
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(18-16-18)	+273	.0	+12

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BELMONT MYSTIC MARATHON ADMIRAL 810500----------	5 daughters--	6	9,923	3.3	325
Born, 9-19-39; proved, 9-30-49;----; Minn.	5 dams-------	19	11,237	3.5	389
Sire, 719706; dam, 1661613.	Difference---	(2-2-1)	-1,314	-.2	-64
Herd Owner, Clive F. Brown, Byron.					
BIGELOW SENSATION FOBES LAD 890329----------	11 daughters-	12	10,849	3.3	356
Born, 4-30-42; proved, 9-1-49;----; N. Y.	7 daughters--	8	10,788	3.4	367
Sire, 778577; dam, 1196664.	7 dams-------	11	9,806	3.4	331
Herd Owner, Ralph Bigelow, Whallonsburg.	Difference---	(4-4-5)	+982	.0	+36
BLUE ASH GENERAL 806933 *13----------	7 daughters--	20	12,143	3.6	443
Born, 3-28-40; proved, 9-14-49; alive; Mich.	7 dams-------	43	13,727	3.5	481
Sire, 750401; dam, 1852146.	Difference---	(1-6-1)	-1,584	+.1	-38
Herd Owner, George Bryant, Sand Creek.					
BORDER PRINCE NETHERLAND VALE 818877 *12----------	16 daughters-	34	12,270	3.2	389
Born, 10-27-40; proved, 9-15-49; dead; Ariz.	14 daughters-	30	12,251	3.2	391
Sire, 763787; dam, 1904608.	14 dams------	67	9,988	3.3	328
Herd Owner, Fairview Dairy, Tucson.	Difference---	(12-6-11)	+2,263	-.1	+63
BRADCROFT CHIEFTAIN GRAND 877194 *13----------	12 daughters-	20	12,445	3.8	478
Born, 11-13-41; proved, 9-27-49; dead; N. Y.	9 daughters--	16	12,958	3.9	502
Sire, 778659; dam, 1915943.	9 dams-------	41	12,794	3.8	483
Herd Owner, Arthur Bradley, Macedon.	Difference---	(4-6-5)	+164	+.1	+19
BRUCE DAD BOAST HERO 817074 *13----------	12 daughters-	14	12,794	3.3	423
Born, 10-21-40; proved, 9-1-49; dead; N. Y.	9 daughters--	10	12,888	3.3	423
Sire, 565375; dam, 1915537.	9 dams-------	35	11,226	3.3	374
Herd Owner, Rollin F. Cass, Frewsburg.	Difference---	(7-5-6)	+1,662	.0	+49
CAMP LAUXMONT GLADSTONE 901682----------	5 daughters--	5	10,849	3.7	401
Born, 3-9-43; proved, 9-1-49; dead; Wis.	5 dams-------	9	11,877	3.1	367
Sire, 800247; dam, 2063847.	Difference---	(2-4-2)	-1,028	+.6	+34
Herd Owner, William B. Kok, Cambria.					
CARNATION CREAMELLE BRACELET 826021----------	11 daughters-	15	11,328	3.4	387
Born, 2-27-41; proved, 9-8-49;----; N. Y.	6 daughters--	7	11,272	3.4	386
Sire, 678142; dam, 1840645.	6 dams-------	11	11,354	3.4	381
Herd Owner, Ralph & Archie Meek, Bainbridge.	Difference---	(2-5-2)	-82	.0	+5
CARNATION ENCHANTER 780769 *11----------	24 daughters-	27	11,427	3.8	431
Born, 5-8-39; proved, 9-29-49;----; Ohio.	12 daughters-	13	12,842	3.8	491
Sire, 682062; dam, 1379047.	12 dams------	18	14,178	3.5	489
Used in Northern Ohio Co-op. A. B. A.	Difference---	(4-11-7)	-1,336	+.3	+2
CARNATION EXCELSIOR 828798 *13----------	12 daughters-	21	10,459	3.7	388
Born, 6-13-41; proved, 9-13-49;----; Minn.	12 dams------	57	10,919	3.7	402
Sire, 629480; dam, 1985177.	Difference---	(4-5-4)	-460	.0	-14
Herd Owner, A. M. Josten & Froehlich, Owatonna.					
CARNATION HOMESTEAD CHANCELLOR 878264----------	7 daughters--	7	12,596	3.7	460
Born, 4-1-43; proved, 9-27-49;----; Wis.	6 daughters--	6	12,729	3.6	459
Sire, 629472; dam, 2194555.	6 dams-------	9	11,071	3.3	367
Herd Owner, Colonial Dairy Farms, Saint Nazianz.	Difference---	(3-5-5)	+1,658	+.3	+92
CARNATION IMPERIAL HEILO COLANTHA 837638 *13----------	19 daughters-	24	15,793	3.8	604
Born, 9-22-41; proved, 9-20-49; dead; Calif.	16 daughters-	20	16,044	3.8	613
Sire, 698462; dam, 1845964.	16 dams------	53	15,687	3.5	551
Herd Owner, Charles L. Good & Son, Santee.	Difference---	(9-15-11)	+357	+.3	+62
CARNATION IMPERIAL INKA PREMIER 857472----------	9 daughters--	12	12,055	3.3	396
Born, 6-8-42; proved, 9-19-49;----; Minn.	5 daughters--	6	12,604	3.2	402
Sire, 698462; dam, 1379056.	5 dams-------	11	11,370	3.4	384
Herd Owner, Tilney Farms, Lewisville.	Difference---	(3-2-3)	+1,234	-.2	+18
CARNATION JOE CREAMELLE 757055 *9----------	40 daughters-	102	12,213	3.6	444
Born, 1-30-38; proved, 9-30-49;----; Colo.	38 daughters-	95	12,309	3.6	448
Sire, 678142; dam, 1639577.	38 dams------	151	11,449	3.4	389
Herd Owner, Jewish Consumptive's Relief Society, Spivak.	Difference---	(24-35-30)	+860	+.2	+59
CARNATION WALKER PROSPECT DE KOL 786314----------	14 daughters-	17	8,572	4.0	343
Born, 11-9-39; proved, 9-16-49;----; Wash.	7 daughters--	9	9,024	4.2	378
Sire, 559505; dam, 1326309.	7 dams-------	12	10,004	4.5	452
Herd Owner, Martin J. Reichlin, Ferndale.	Difference---	(2-2-3)	-980	-.3	-74
CARYLAND CASCADE HARMONY 858648----------	9 daughters--	12	13,881	3.6	506
Born, 11-6-41; proved, 9-30-49;----; Wash.	8 daughters--	10	14,073	3.6	508
Sire, 764795; dam, 2208726.	8 dams-------	37	13,297	3.4	453
Herd Owner, T. Benton Carey, Cowiche.	Difference---	(6-8-7)	+776	+.2	+55
CHERRYBOLD BONNY PRINCE 835132----------	10 daughters-	16	11,492	3.5	408
Born, 10-25-41; proved, 9-26-49;----; Wis.	6 daughters--	9	10,812	3.5	376
Sire, 737642; dam, 2022596.	6 dams-------	15	11,568	3.5	403
Herd Owner, John F. Roche, Rio.	Difference---	(2-4-2)	-756	.0	-27

HOLSTEIN SIRES	Animals	averaged	Milk	Test	
	Number	Number	Pounds	Percent	Pounds
CHERRYBOLD GOVERNOR 842652----------	9 daughters--	7	[illegible]	3.6	393
Born, [illegible]-8-41; proved, [illegible]----; Wis.	5 dams-------	16	10,195	3.4	351
Sire, [illegible]; dam, [illegible].	Difference---	(3-5-3)	[illegible]	+.[illegible]	+4[illegible]
Used in Badger Co-op. A. B. A.					
CHERRYBOLD ORMSBY LAD 82[illegible] *1[illegible]----------	11 daughters-	[illegible]	10,[illegible]	3.8	407
Born, 6-30-41; proved, 9-19-49;----; Wis.	11 dams------	26	[illegible]	3.[illegible]	476
Sire, 796226; dam, 2014320.	Difference---	(0-8-2)	-2,617	+.3	-69
Herd Owner, Bonny Oak Farm, Bristol.					
CHERRYBOLD SENSATION 874106----------	10 daughters-	10	11,995	3.7	441
Born, 3-18-43; proved, 9-20-49; alive; Wis.	9 daughters--	9	12,095	3.7	443
Sire, 676723; dam, 1766063.	9 dams-------	[illegible]	10,376	3.5	368
Herd Owner, Darrow Farms, Verona.	Difference---	(6-7-7)	+1,71[illegible]	+.2	+75
CHIEF PIEBE PRIDE GERBEN COLAN J 811970 *12----------	13 daughters-	27	10,447	3.6	372
Born, 6-25-40; proved, 9-13-49; alive; Md.	10 daughters-	22	9,841	3.6	3[illegible]0
Sire, 444088; dam, 1459559.	10 dams------	18	12,733	3.3	419
Herd Owner, Frances L. Bussard & C. Lease, Frederick.	Difference---	(2-9-2)	-2,892	+.3	-69
CLEM-WALS DANDY 831658 *13----------	12 daughters-	21	10,030	3.4	339
Born, 4-3-41; proved, 9-26-49; dead; Pa.	12 dams------	28	10,173	3.7	372
Sire, 687591; dam, 2124930.	Difference---	(5-2-4)	-143	-.3	-33
Herd Owner, Chester Myers, Souderton.					
CLEM-WALS DIPLOMAT (TWIN) 831661----------	7 daughters--	8	10,815	3.7	404
Born, 5-19-41; proved, 9-20-49;----; Pa.	5 daughters--	5	10,909	3.7	404
Sire, 696115; dam, 1860412.	5 dams-------	8	12,222	3.4	421
Herd Owner, Clayton Landis, Bedminster.	Difference---	(2-4-3)	-1,313	+.3	-17
CLOVERCOURT CARNATION HOMESTEAD 815046----------	13 daughters-	18	13,110	3.3	437
Born, 8-30-40; proved, 9-14-49;----; N. Y.	6 daughters--	7	13,461	3.3	446
Sire, 771575; dam, 1969632.	6 dams-------	17	13,222	3.4	453
Herd Owner, Stephen M. Merchant, Jr., Ballston Spa.	Difference---	(3-2-3)	+239	-.1	-7
CLOVER LAWN PET SIR LILITH 798605----------	8 daughters--	13	12,809	3.5	447
Born, 2-9-40; proved, 9-8-49;----; Wis.	6 daughters--	11	13,379	3.4	460
Sire, 697371; dam, 1701690.	6 dams-------	20	13,545	3.5	473
Herd Owner, Milton C. Moths, Random Lake.	Difference---	(4-2-4)	-166	-.1	-13
CLOVE VALLEY SUPREME SATISFACTION 864818 *13----------	13 daughters-	19	13,838	3.8	529
Born, 8-29-42; proved, 9-29-49;----; N. Y.	13 dams------	47	11,584	4.0	463
Sire, 825543; dam, 2078313.	Difference---	(12-3-10)	+2,254	-.2	+66
Herd Owner, Mrs. J. M. Huff & Sons, Hemlock.					
COLANTHUS PANSY BESS BURKE (TWIN) 745347----------	13 daughters-	22	11,233	3.2	358
Born, 5-19-37; proved, 9-9-49; dead; Wis.	6 daughters--	9	11,760	3.2	379
Sire, 715862; dam, 1793534.	6 dams-------	14	10,320	3.6	368
Herd Owner, Ray Lawton & Son, Viola.	Difference---	(5-1-3)	+1,440	-.4	+11
COLONY VALE SIR HEILO 21ST 856634----------	5 daughters--	7	12,588	3.7	462
Born, 9-20-41; proved, 9-26-49;----; Utah.	5 dams-------	29	12,227	4.0	488
Sire, 111449 CHB; dam, 365664 CHB.	Difference---	(3-2-2)	+361	-.3	-26
Herd Owner, Bartley H. Richardson, Smithfield.					
CORNFLOWER DELLA FOBES 805972 *11----------	15 daughters-	32	13,243	3.5	469
Born, 1-8-40; proved, 9-1-49; dead; Wis.	14 daughters-	31	13,541	3.5	479
Sire, 756406; dam, 1246263.	14 dams------	37	13,284	3.4	457
Herd Owner, Henry Dehring, Brownsville.	Difference---	(11-10-11)	+257	+.1	+22
CORRECTION ORMSBY RAG APPLE 835147----------	6 daughters--	6	10,351	3.3	341
Born, 10-2-41; proved, 9-1-49; dead; Wis.	6 dams-------	7	9,610	3.5	340
Sire, 812931; dam, 1797199.	Difference---	(4-0-3)	+741	-.2	+1
Herd Owner, Paul Buelke, Waldo.					
CORRECTION PABST SENSATION 828006 *12----------	27 daughters-	51	11,223	3.5	394
Born, 10-23-40; proved, 9-20-49;----; Wis.	24 daughters-	47	11,623	3.[illegible]	409
Sire, 748393; dam, 1480041.	24 dams------	119	11,093	3.6	398
Herd Owner, Edwin J. Nieman, Thiensville.	Difference---	(16-10-15)	+530	-.1	+11
CREAMELLE M-O-W DUKE 791639----------	6 daughters--	8	10,036	3.6	357
Born, 2-8-39; proved, 9-12-49;----; N. Y.	6 dams-------	18	12,396	3.[illegible]	405
Sire, 742166; dam, 1833329.	Difference---	(0-6-2)	-2,360	+.3	-48
Herd Owner, Bernard Jellema, Chester.					
DALE FOBES MODEL FAYNE 902147----------	9 daughters--	9	11,438	3.4	393
Born, 5-20-42; proved, 9-20-49;----; Wis.	7 daughters--	7	11,183	3.5	389
Sire, 741199; dam, 2238480.	7 dams-------	8	10,445	3.4	359
Herd Owner, Fred A. Abey & Son, Evansville.	Difference---	(5-3-4)	+738	+.1	+30
DALGAARD KATHRYN DUNLOGGIN FO-ON 854097----------	9 daughters--	10	8,418	3.4	287
Born, 2-17-42; proved, 9-21-49; dead; Wis.	9 dams-------	13	9,134	3.2	289
Sire, 783826; dam, 2026814.	Difference---	(3-9-3)	-716	+.2	-2
Herd Owner, Theodore Walseth & H. B. Olsen, Hammond.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DEAN MARATHON BELLE 760340 *10----------	23 daughters-	45	12,592	3.8	485
Born, 4-20-38; proved, 9-27-49;----; Pa.	19 daughters-	35	12,467	3.8	478
Sire, 673094; dam, 1314189.	19 dams------	54	13,220	3.6	472
Herd Owner, Silvis Farms, Inc., Greensburg.	Difference---	(8-16-11)	-753	+.2	+6
DEC BUTTER KING 825971----------	13 daughters-	15	11,494	3.4	388
Born, 6-10-41; proved, 9-20-49;----; Wis.	7 daughters--	8	11,953	3.4	403
Sire, 796551; dam, 1811267.	7 dams-------	15	12,183	3.2	388
Herd Owner, John Myers, Colfax.	Difference---	(3-7-3)	-230	+.2	+15
DE FREULE JOE PROGRESSOR 934881----------	11 daughters-	15	12,816	3.3	420
Born, 11-29-42; proved, 9-19-49;----; Wis.	9 daughters--	11	12,725	3.2	412
Sire, 749872; dam, 2159627.	9 dams-------	32	13,089	3.2	423
Herd Owner, Julian B. Buss & Son, Waterloo.	Difference---	(3-6-3)	-364	.0	-11
DE KOL JOHANNA POSCH 850194----------	6 daughters--	7	12,534	3.7	462
Born, 9-11-41; proved, 9-20-49;----; Kans.	5 daughters--	6	12,822	3.7	473
Sire, 756954; dam, 1823752.	5 dams-------	11	12,330	3.8	464
Herd Owner, Wilson Brothers, Lincoln.	Difference---	(2-1-2)	+492	-.1	+9
DICK ORMSBY OLLIE KING 825490 *12----------	11 daughters-	15	10,556	3.8	396
Born, 1-22-39; proved, 9-2-49;----; Ind.	9 daughters--	12	10,242	3.8	385
Sire, 677545; dam, 2060321.	9 dams-------	29	11,089	3.7	411
Herd Owner, Glenn L. Reed, Brook.	Difference---	(4-5-3)	-847	+.1	-26
DISTINCTION COLONY SIR BERTIE 812303----------	8 daughters--	8	9,828	3.7	363
Born, 7-20-40; proved, 9-20-49;----; Wis.	7 daughters--	7	10,577	3.7	390
Sire, 733213; dam, 1965475.	7 dams-------	22	10,224	3.6	366
Used in Tri-State Co-op. A. B. A.	Difference---	(3-4-5)	+353	+.1	+24
DIX PANSY MERCEDES 801208 *12----------	14 daughters-	22	12,045	3.6	430
Born, 11-29-39; proved, 9-1-49;----; Wis.	14 dams------	70	12,768	3.5	441
Sire, 695646; dam, 1492615.	Difference---	(5-9-7)	-723	+.1	-11
Herd Owner, Harry Dix, Menomonie.					
DONOVAN KAY HOPE 908626----------	6 daughters--	6	12,719	3.3	417
Born, 8-13-42; proved, 9-16-49;----; Minn.	5 daughters--	5	13,223	3.3	434
Sire, 789008; dam, 2056675.	5 dams-------	6	11,329	3.3	371
Herd Owner, Reuben E. Anderson, Spring Grove.	Difference---	(4-3-4)	+1,894	.0	+63
DONSEGIS BEST IDACARD 530144----------	14 daughters-	42	9,403	3.4	322
Born, 8-10-27; proved, 9-1-49;----: Pa.	5 daughters--	14	9,843	3.3	328
Sire, 400000; dam, 750193.	5 dams-------	10	11,281	3.4	379
Herd Owner, Clarence W. Henning, Mehoopany.	Difference---	(0-1-1)	-1,438	-.1	-51
DOWNERS GROVE GEROE 907681----------	6 daughters--	6	12,463	3.2	403
Born, 10-16-43; proved, 9-21-49;----; Iowa.	6 dams-------	13	11,194	3.3	375
Sire, 795011; dam, 2204652.	Difference---	(5-3-4)	+1,269	-.1	+28
Herd Owner, Anderson & Davenbaugh, Lamont.					
DUNLOGGIN GOLDEN CROSS 793004 *13----------	33 daughters-	56	12,370	3.5	434
Born, 3-20-40; proved, 9-15-49; dead; N. H.	17 daughters-	29	11,881	3.4	409
Sire, 667915; dam, 1263150.	17 dams------	46	12,370	3.6	443
Used in Willow Springs A. B. A., Colo.	Difference---	(8-8-6)	-489	-.2	-34
DUNLOGGIN X RAY 856663----------	7 daughters--	7	13,390	3.7	492
Born, 8-30-42; proved, 9-30-49;----; Ind.	6 daughters--	6	13,253	3.6	479
Sire, 793004; dam, 1819009.	6 dams-------	17	14,354	3.6	510
Herd Owner, Ray Meeker & Son, Muncie.	Difference---	(3-4-2)	-1,101	.0	-31
DUTCHLAND MERCEDES ECHO 50TH 825345 *12----------	12 daughters-	25	9,695	3.5	337
Born, 2-16-39; proved, 9-12-49;----; N. Y.	11 daughters-	23	9,705	3.5	339
Sire, 81345 CHB; dam, 361271 CHB.	11 dams------	53	11,028	3.3	365
Herd Owner, D. M. Ruttenbur & Son, Cherry Creek.	Difference---	(4-11-6)	-1,323	+.2	-26
EAST BROOK ORMSBY HERO 826491----------	7 daughters--	7	11,296	3.6	404
Born, 1-24-41; proved, 9-20-49; dead; Pa.	6 daughters--	6	11,488	3.6	414
Sire, 783335; dam, 1507423.	6 dams-------	13	9,644	3.5	341
Herd Owner, Wilbur Ogden, Lawrenceville.	Difference---	(6-4-6)	+1,844	+.1	+73
EASTLAKE KING ABBEKERK 815283 *13----------	11 daughters-	13	10,936	3.5	385
Born, 11-26-40; proved, 9-15-49; dead; Ill.	11 dams------	52	11,340	3.7	421
Sire, 621851; dam, 1679066.	Difference---	(6-4-3)	-404	-.2	-36
Herd Owner, Eastlake Farm, Dundee.					
EATHEL KERK PONTIAC 861324----------	8 daughters--	9	9,439	3.7	349
Born, 10-13-41; proved, 9-12-49;----; N. Y.	5 daughters--	5	9,064	3.7	333
Sire, 792315; dam, 1696546.	5 dams-------	10	8,724	3.7	325
Herd Owner, Joseph Bacon, La Fargeville.	Difference---	(2-1-3)	+340	.0	+8
EDGEVIEW WALKER FAYNE 764616----------	6 daughters--	16	10,922	3.5	379
Born, 8-11-37; proved, 9-13-49; dead; N. Y.	5 daughters--	15	10,650	3.4	365
Sire, 663181; dam, 1077999.	5 dams-------	15	8,650	3.7	319
Herd Owner, Leonard De Groat, Lyons.	Difference---	(5-1-4)	+2,000	-.3	+46

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ELKLAND JOHAN FAYNE KORNDYKE 836060----------	8 daughters--	8	7,384	3.2	237
Born, 11-16-41; proved, 9-2-49; dead; Wis.	6 daughters--	6	7,373	3.2	236
Sire, 687122; dam, 1984919.	6 dams-------	8	7,941	3.6	282
Herd Owner, Edward Hofland, Menomonie.	Difference---	(2-0-2)	-568	-.4	-46
ELMBROOK HENGERVELD IMPROVER 818651 *12----------	31 daughters-	[illegible]	9,868	3.5	344
Born, 9-9-40; proved, 9-26-49; dead; Pa.	27 daughters-	53	9,750	3.5	341
Sire, 523804; dam, 1657860.	27 dams------	110	11,292	3.5	391
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(6-16-6)	-1,542	.0	-50
ELMER BROOK PREMIER PIETERTJE 857444----------	8 daughters--	8	11,232	3.2	361
Born, 2-15-42; proved, 9-20-49;----; Wis.	7 daughters--	7	11,514	3.3	377
Sire, 787934; dam, 1747486.	7 dams-------	8	10,938	3.4	377
Herd Owner, Roscoe Smith & Son, Monroe.	Difference---	(4-2-3)	+576	-.1	0
ELMER BROOK PRINCE DESIGN (TWIN) 888593----------	8 daughters--	9	13,154	3.6	468
Born, 1-20-43; proved, 9-9-49;----; Wis.	8 dams-------	24	12,360	3.6	446
Sire, 787934; dam, 1842514.	Difference---	(5-4-5)	+794	.0	+22
Used in Badger Co-op. A. B. A.					
ELM HILL CREAMELLE POSCH 847182----------	5 daughters--	8	10,554	3.2	340
Born, 3-10-42; proved, 9-1-49;----; Ill.	5 dams-------	10	11,439	3.3	379
Sire, 792389; dam, 2160840.	Difference---	(1-2-1)	-885	-.1	-39
Herd Owner, Peters Brothers, Marengo.					
ELMWOOD ADMIRAL LYONS 849673----------	7 daughters--	7	12,326	3.6	445
Born, 1-23-42; proved, 9-1-49;----; Wis.	7 dams-------	18	11,435	3.7	425
Sire, 757408; dam, 1960715.	Difference---	(5-3-5)	+891	-.1	+20
Herd Owner, Louis Trapp & Son, Columbus.					
FAIRVIEW MONTVIC CHIEFTAIN 12TH 766065 *(May 1949)---------	43 daughters-	61	11,549	3.7	424
Born, 12-17-37; proved, 9-26-49;----; N. Y.	33 daughters-	50	11,265	3.7	416
Sire, 695644; dam, 1972587.	33 dams------	93	11,858	3.6	432
Used in New York Co-op. A. B. A., Inc.	Difference---	(16-25-15)	-593	+.1	-16
FANYAN ORMSBY PRIDE 816679----------	5 daughters--	5	13,291	3.8	500
Born, 12-30-40; proved, 9-9-49; dead; N. Y.	5 dams-------	26	12,567	3.5	437
Sire, 777799; dam, 1992665.	Difference---	(3-4-5)	+724	+.3	+63
Herd Owner, Harold D. Riehlman, Little York.					
GENODALE ORMSBY NIG SUCCESSOR 773861 *13----------	52 daughters-	92	11,005	3.5	382
Born, 1-2-39; proved, 9-30-49; dead; N. Y.	33 daughters-	57	11,178	3.5	391
Sire, 671669; dam, 1861006.	33 dams------	92	11,798	3.6	423
Used in New York Co-op. A. B. A., Inc.	Difference---	(18-14-14)	-620	-.1	-32
GODFREYS MARTO ORMSBY HARDER 807238----------	13 daughters-	13	11,389	3.5	393
Born, 4-28-40; proved, 9-13-49;----; Wis.	10 daughters-	10	11,464	3.4	391
Sire, 750581; dam, 1988579.	10 dams------	21	10,713	3.8	408
Herd Owner, Edward Brewin & Son, Jefferson.	Difference---	(6-1-4)	+751	-.4	-17
GOODRIGHT ADMIRAL FOBES 851430----------	7 daughters--	9	11,848	3.6	425
Born, 2-19-42; proved, 9-20-49;----; Wis.	6 daughters--	7	11,809	3.5	416
Sire, 803734; dam, 2196999.	6 dams-------	24	10,662	3.7	393
Herd Owner, Wilfred Meiselwitz, Elkhart Lake.	Difference---	(4-2-4)	+1,147	-.2	+23
GRAY VIEW HAYS PROMINENT 892141----------	6 daughters--	6	14,204	3.5	498
Born, 8-1-43; proved, 9-30-49;----; Wis.	5 daughters--	5	15,043	3.5	529
Sire, 833875; dam, 2112182.	5 dams-------	13	14,588	3.4	501
Herd Owner, Robert L. Ray & Son, Eau Claire.	Difference---	(3-5-3)	+455	+.1	+28
GREENAWAY KING AAGGIE CHIEFTAIN 860973----------	6 daughters--	8	14,440	3.6	515
Born, 11-11-42; proved, 9-21-49; dead; N. Y.	6 dams-------	19	13,013	3.7	476
Sire, 768460; dam, 1776069.	Difference---	(3-2-5)	+1,427	-.1	+39
Herd Owner, Harold E. Thomas, New Hartford.					
GREENWOOD CHAMPION 836261 *13----------	24 daughters-	32	12,066	3.4	407
Born, 6-9-41; proved, 9-27-49; dead; N. J.	21 daughters-	28	12,241	3.4	412
Sire, 769435; dam, 1190492.	21 dams------	47	9,713	3.4	330
Herd Owner, Trenton State Hospital, Trenton.	Difference---	(17-10-17)	+2,528	.0	+82
GREENWOOD DEAN ORMSBY 836260 *13----------	20 daughters-	37	12,970	3.6	[illegible]
Born, 11-22-40; proved, 9-30-49;----; Ind.	20 dams------	82	14,317	3.6	[illegible]
Sire, 769435; dam, 1693053.	Difference---	(5-13-5)	-1,347	.0	-43
Used in Central Ohio Co-op. A. B. A., Ohio.					
HAMER ORMSBY CHIEFTAIN 832230 *13----------	23 daughters-	36	[illegible],181	3.6	443
Born, 11-14-40; proved, 9-16-49; dead; Iowa.	14 daughters-	24	[illegible],857	3.6	[illegible]
Sire, 749574; dam, 1669923.	14 dams------	[illegible]	12,266	[illegible]	[illegible]
Herd Owner, Amana Society, Amana.	Difference---	(5-10-8)	-409	.0	-4
HAMPSTEAD MARATHON SUPERB ORMSBY 856136----------	5 daughters--	[illegible]	10,900	3.7	405
Born, 12-6-41; proved, 9-16-49; dead; Va.	5 dams-------	18	10,799	4.0	[illegible]
Sire, 748138; dam, 1973083.	Difference---	(3-1-2)	+101	-.3	-29
Herd Owner, Col. C. Leith Speiden, Somerset.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HARTSBROOK PRINCE 810446 *12----------	27 daughters-	49	12,190	3.8	460
Born, 7-31-40; proved, 9-1-49; dead; Vt.	27 dams------	115	12,698	3.6	463
Sire, 745795; dam, 1792045.	Difference---	(12-19-13)	-508	+.2	-3
Herd Owner, John B. Abbott, Bellows Falls.					
HAWTHORN BESSIE SENATOR MARATHON 838774----------	7 daughters--	11	9,014	3.7	329
Born, 9-12-41; proved, 9-1-49; dead; Wis.	7 dams-------	19	9,113	3.7	338
Sire, 804666; dam, 2044627.	Difference---	(3-5-4)	-99	.0	-9
Herd Owner, Otto Heisig & Son, Columbus.					
HERSHEY ABBEKERK WALKER INKA 824658----------	9 daughters--	12	12,214	3.5	426
Born, 4-10-41; proved, 9-21-49;----; Pa.	5 daughters--	5	13,137	3.6	470
Sire, 677099; dam, 1911356.	5 dams-------	8	12,007	3.3	395
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(3-4-4)	+1,130	+.3	+75
HERSHEY FAYNE ALCARTRA 861501----------	8 daughters--	8	11,000	3.4	376
Born, 8-20-42; proved, 9-16-49;----; Pa.	5 daughters--	5	11,376	3.4	381
Sire, 784991; dam, 1939405.	5 dams-------	11	11,598	3.3	388
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-3-2)	-222	+.1	-7
HOESLY CASCADE JOE HOMESTEAD 8TH 823827 *13----------	15 daughters-	20	10.918	3.7	402
Born, 1-26-41; proved, 9-20-49; dead; Wis.	15 dams------	44	12,006	3.4	413
Sire, 723295; dam, 1720163.	Difference---	(5-14-6)	-1,088	+.3	-11
Herd Owner, Carl Stuckey Estate, Juda.					
HUNTDALE KING INKA ORMSBY 818896 *12----------	11 daughters-	21	9,425	3.7	349
Born, 9-14-40; proved, 9-20-49;----; N. Y.	10 daughters-	20	9,179	3.6	331
Sire, 728302; dam, 1481458.	10 dams------	39	9,254	3.6	329
Herd Owner, I. H. & W. A. Hunt, New Woodstock.	Difference---	(5-6-5)	-75	.0	+2
JEROMA BONHEUR BATTELS 909152----------	8 daughters--	8	13,784	3.5	488
Born, 10-25-43; proved, 9-12-49;----; Utah.	8 dams-------	28	14,419	3.7	531
Sire, 702301; dam, 1729080.	Difference---	(2-4-2)	-635	-.2	-43
Herd Owner, George H. Anderson, Richmond.					
JOEL JOLANTHA ORMSBY 837606----------	13 daughters-	16	9,643	4.1	391
Born, 2-10-40; proved, 9-23-49;----; Pa.	7 daughters--	9	9,056	4.0	365
Sire, 700106; dam, 1498127.	7 dams-------	8	12,033	4.0	477
Herd Owner, Bert Dunshie & Son, Shinglehouse.	Difference---	(0-5-0)	-2,977	.0	-112
JONABELL FOREWARD 821644----------	14 daughters-	15	11,617	3.5	408
Born, 3-21-41; proved, 9-28-49;----; Ohio.	6 daughters--	7	11,568	3.4	396
Sire, 720861; dam, 1522375.	6 dams-------	6	10,816	3.5	382
Used in Northern Ohio Co-op. A. B. A.	Difference---	(3-1-3)	+752	-.1	+14
JULE KING ADMIRAL 912429----------	5 daughters--	7	10,953	4.0	443
Born, 2-7-43; proved, 9-26-49;----; Wis.	5 dams-------	20	11,625	3.7	434
Sire, 789081; dam, 1938578.	Difference---	(1-4-3)	-672	+.3	+9
Herd Owner, Allen Hatts, Fort Atkinson.					
KELCO SIR ORMSBY PIEBE 907473----------	6 daughters--	6	12,185	3.3	406
Born, 8-23-43; proved, 9-9-49; alive; N. Y.	5 daughters--	5	12,399	3.3	405
Sire, 760725; dam, 1724951.	5 dams-------	12	12,271	3.3	411
Herd Owner, Henry Sheppard, Stanley.	Difference---	(3-2-3)	+128	.0	-6
KELOW ORMSBY BUTTER BOY DANNY 845046----------	7 daughters--	10	11,946	3.5	418
Born, 3-26-41; proved, 9-30-49;----; Wis.	6 daughters--	9	12,506	3.5	439
Sire, 794732; dam, 2024767.	6 dams-------	16	12,984	3.4	442
Herd Owner, William H. Owens, Oconomowoc.	Difference---	(2-5-3)	-478	+.1	-3
KENMORE KEYS POSCH 822419----------	10 daughters-	23	10,757	3.3	358
Born, 3-30-40; proved, 9-30-49;----; N. Y.	7 daughters--	14	11,067	3.4	372
Sire, 118340 CHB; dam, 313082 CHB.	7 dams-------	26	11,285	3.4	379
Herd Owner, Owens & Strait, Penn Yan.	Difference---	(3-6-4)	-218	.0	-7
KENTWORTH HEILO ORMSBY JIM 823341 *12----------	38 daughters-	85	10,583	3.5	368
Born, 11-8-39; proved, 9-12-49; dead; Mich.	31 daughters-	67	10,750	3.5	374
Sire, 738767; dam, 1723245.	31 dams------	76	11,322	3.3	379
Herd Owner, Claude L. Wood, Brown City.	Difference---	(13-22-17)	-572	+.2	-5
KEWAUNEE DELLA CANARY 777152----------	8 daughters--	8	8,461	3.3	280
Born, 6-5-39; proved, 9-30-49;----; Wis.	8 dams-------	29	9,641	3.4	330
Sire, 693378; dam, 1706635.	Difference---	(2-3-2)	-1,180	-.1	-50
Herd Owner, David J. Burke, Algoma.					
KING BESSIE DON SEGIS 4TH 741201----------	20 daughters-	33	9,961	3.6	361
Born, 7-27-36; proved, 9-16-49; dead; Colo.	18 daughters-	30	9,879	3.6	359
Sire, 688258; dam, 1636657.	18 dams------	49	10,889	3.3	356
Herd Owner, Theodore E. Donley, Pueblo.	Difference---	(5-18-10)	-1,010	+.3	+3
KING DEAN ARTIS POSCH RUBY 779761----------	5 daughters--	5	11,085	3.8	425
Born, 9-1-38; proved, 9-13-49; dead; Wis.	5 dams-------	10	10,748	3.6	386
Sire, 695903; dam, 1776564.	Difference---	(3-4-3)	+337	+.2	+39
Herd Owner, Lucas Dernovsek, Sheldon.					

HOLSTEIN SIRES	Animals	Herd averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING FORINKA PONTIAC VEEMAN [illegible] *1[illegible]	13 daughters-	[illegible]	[illegible],948	3.5	[illegible]
Born, [illegible]-16-40; proved, [illegible]-1-49, dead; N. Y.	13 dams------	[illegible]	[illegible],670	3.6	486
Sire, 677374; dam, 185[illegible].	Difference---	(2-6-2)	-1,70[illegible]	-.1	-63
Herd Owner, Stuart Neuman, Tully.					
KING ORMSBY OF COLD SPRING LAST 681047 *8	44 daughters-	1[illegible]7	11,111	[illegible]	389
Born, 11-10-32; proved, 9-14-49; dead; Wis.	35 daughters-	[illegible]07	11,270	[illegible]	397
Sire, 441316; dam, 1187348.	35 dams------	102	11,031	3.5	386
Herd Owner, Brace Brothers, Lone Rock.	Difference---	(21-17-22)	+339	.0	+11
KING SPINKER PIEBE BUTTER BOY 829083 *13	15 daughters-	[illegible]	9,787	3.5	339
Born, 6-1-41; proved, 9-12-49; dead; Pa.	13 daughters-	21	9,938	3.5	346
Sire, 700841; dam, 1667821.	13 dams------	53	11,542	3.3	385
Herd Owner, Edgar W. Weaner, Gettysburg.	Difference---	(3-11-4)	-1,604	+.2	-39
KING SWEET RAG APPLE DESIGN (TWIN) 882452	7 daughters--	7	12,003	3.8	457
Born, 3-10-43; proved, 9-12-49;----; N. Y.	6 daughters--	6	11,919	3.7	446
Sire, 738106; dam, 1802780.	6 dams-------	24	11,882	3.4	403
Herd Owner, Millard Russel, Bovina Center.	Difference---	(3-5-4)	+37	+.3	+43
KORNDYKE SENATOR ROYAL 893921	21 daughters-	21	11,260	3.3	376
Born, 7-21-42; proved, 9-9-49;----; Wis.	11 daughters-	11	11,022	3.3	361
Sire, 110511 CHB; dam, 334098 CHB.	11 dams------	28	9,597	3.3	320
Herd Owner, Forrest Gunderson, Oconomowoc.	Difference---	(7-7-8)	+1,425	.0	+41
LAUXMONT O R GAY BOY 88C723	7 daughters--	7	11,344	4.2	478
Born, 3-30-43; proved, 9-1-49; alive; Pa.	7 dams-------	36	10,171	3.7	373
Sire, 834598; dam, 2213657.	Difference---	(6-7-7)	+1,173	+.5	+105
Herd Owner, B. J. Griffie, York Springs.					
LAUXMONT RAG APPLE PILOT 760856 *(Apr. 1949)	49 daughters-	74	11,273	3.6	409
Born, 4-26-38; proved, 9-30-49;----; Pa.	38 daughters-	62	11,591	3.6	420
Sire, 695000; dam, 1297143.	38 dams------	104	11,352	3.6	408
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(20-22-19)	+239	.0	+12
LAUXMONT SAFEMASTER CHAMP 825905 *13	25 daughters-	33	12,402	3.5	432
Born, 4-10-41; proved, 9-8-49; dead; Pa.	17 daughters-	23	12,358	3.5	434
Sire, 751642; dam, 1181367.	17 dams------	45	11,440	3.6	410
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(10-9-12)	+918	-.1	+24
LEAFY LAWN HOMESTEAD PRINCE 851615	8 daughters--	8	11,464	3.4	391
Born, 9-18-41; proved, 9-20-49;----; N. Y.	5 daughters--	5	10,654	3.5	371
Sire, 729186; dam, 1750233.	5 dams-------	13	12,862	3.7	475
Herd Owner, Ray Morrison, Rensselaer Falls.	Difference---	(1-0-1)	-2,208	-.2	-104
LILAC HILL SIR BESS FOBES CHIEFTAIN 865434	9 daughters--	10	14,349	3.3	476
Born, 9-4-42; proved, 9-1-49; dead; Ill.	9 dams-------	37	14,593	3.7	538
Sire, 792389; dam, 1601036.	Difference---	(3-2-1)	-244	-.4	-62
Herd Owner, Henry Wegener, Ingleside.					
MAPLELANDS ORMSBY GOVERNOR 850831	6 daughters--	10	8,838	3.7	323
Born, 12-11-41; proved, 9-20-49; dead; N. Y.	5 daughters--	9	8,742	3.7	324
Sire, 662063; dam, 1965420.	5 dams-------	10	10,029	3.4	337
Herd Owner, Earl Moulton, Madrid.	Difference---	(1-5-2)	-1,287	+.3	-13
MAPLE LANE ORMSBY DUKE BURKE 853574	7 daughters--	7	11,390	3.7	416
Born, 1-15-42; proved, 9-20-49;----; N. Y.	6 daughters--	6	11,212	3.6	408
Sire, 732403; dam, 1500711.	6 dams-------	19	12,768	3.7	467
Herd Owner, Allen F. Hand, Greenwich.	Difference---	(0-4-0)	-1,556	-.1	-59
MARK IKE RAYSTRA SEGIS 993738	7 daughters--	10	8,660	3.6	309
Born, 9-15-40; proved, 9-20-49;----; N. Y.	7 dams-------	30	10,532	3.4	360
Sire, 752206; dam, 1989553.	Difference---	(0-7-1)	-1,872	+.2	-51
Herd Owner, Benjamin F. Martin, Olean.					
MASTER CALAMITY RAG APPLE 873586	5 daughters--	5	11,123	3.4	376
Born, 4-28-43; proved, 9-12-49;----; N. Y.	5 dams-------	12	12,792	3.3	424
Sire, 135583 CHB; dam, 2384737.	Difference---	(1-4-1)	-1,669	+.1	-48
Herd Owner, Edwin R. Smith, Seneca Falls.					
MASTERPIECE ECHO FOBES 810451	8 daughters--	9	12,910	3.7	484
Born, 3-2-40; proved, 9-30-49;----; Mich.	8 dams-------	15	13,376	3.[illegible]	463
Sire, 740107; dam, 1956801.	Difference---	(5-7-5)	-466	+.2	+21
Herd Owner, Clifton A. Williams, Eaton Rapids.					
MATADOR JOE SEGIS 910096	10 daughters-	10	9,178	3.5	324
Born, 4-1-42; proved, 9-14-49;----; N. Y.	5 daughters--	5	9,513	3.6	346
Sire, 723365; dam, 2472462.	5 dams-------	6	11,239	3.4	385
Herd Owner, Floyd R. Holbert, Constable.	Difference---	(1-4-1)	-1,726	+.2	-39
MATADOR SEGIS INKA DE KOL 825838 *13	19 daughters-	28	9,265	3.5	321
Born, 1-11-41; proved, 9-12-49;----; Pa.	16 daughters-	22	9,201	3.4	316
Sire, 734510; dam, 1831905.	16 dams------	67	11,386	3.5	399
Herd Owner, Farview State Hospital, Waymart.	Difference---	(4-8-3)	-2,185	-.1	-83

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MAXSTOKE PIETJE MISSIE 948776----------	9 daughters--	11	11,080	3.6	401
Born, 1-22-42; proved, 9-16-49; dead; N. Y.	8 daughters--	10	11,008	3.6	401
Sire, 781416; dam, 2192117.	8 dams-------	9	9,877	3.8	371
Herd Owner, Earl H. Pocock & Son, Bergen.	Difference---	(4-4-5)	+1,131	-.2	+30
MCDONOGH GOLD FOBES 874187----------	7 daughters--	7	10,580	3.5	366
Born, 2-8-43; proved, 9-8-49; alive; Md.	7 dams-------	26	12,800	3.5	445
Sire, 788616; dam, 1587084.	Difference---	(1-3-1)	-2,220	.0	-79
Used in Maryland Co-op. A. B. A., Inc.					
MEADOWOOD LOCHINVAR DUKE 871953----------	14 daughters-	15	10,619	3.4	363
Born, 5-30-41; proved, 9-30-49;----; Wis.	13 daughters-	14	10,587	3.4	360
Sire, 855938; dam, 364862 CHB.	13 dams------	38	12,620	3.3	414
Used in Tri-State Co-op. A. B. A.	Difference---	(3-8-4)	-2,033	+.1	-54
M F SIR LAURNA ADANTHA 893307----------	11 daughters-	11	14,460	3.7	533
Born, 8-11-43; proved, 9-2-49; alive; N. Y.	10 daughters-	10	14,896	3.7	548
Sire, 784131; dam, 2169116.	10 dams------	24	13,633	3.5	483
Herd Owner, Machold Farms, Ellisburg.	Difference---	(6-7-8)	+1,263	+.2	+65
M F SIR VALDESSA ADANTHA 870179----------	6 daughters--	6	13,663	3.7	508
Born, 10-28-42; proved, 9-12-49; dead; N. Y.	6 dams-------	30	14,527	3.3	485
Sire, 784131; dam, 2117144.	Difference---	(2-5-4)	-864	+.4	+23
Herd Owner, Machold Farms, Ellisburg.					
MIDDLETON KING WINONA CREAMELLE 524604----------	14 daughters-	54	9,669	3.8	367
Born, 11-30-26; proved, 9-2-49;----; N. Y.	7 daughters--	30	10,023	3.9	389
Sire, 448396; dam, 722720.	7 dams-------	23	9,917	3.8	377
Herd Owner, Lawrence Jewett, Evans Mills.	Difference---	(3-6-3)	+106	+.1	+12
MILKDALE ARISTOCRAT RAG APPLE 798451 *11----------	35 daughters-	62	12,532	3.6	453
Born, 10-25-39; proved, 9-22-49;----; N. Y.	29 daughters-	55	12,671	3.7	465
Sire, 771243; dam, 1915085.	29 dams------	96	13,226	3.5	465
Used in New York Co-op. A. B. A., Inc.	Difference---	(13-22-11)	-555	+.2	0
MINSCHO DUNLOGGIN CONQUEROR 856928----------	5 daughters--	5	11,245	3.6	401
Born, 6-15-42; proved, 9-20-49;----; Minn.	5 dams-------	13	10,154	3.2	329
Sire, 764118; dam, 2075443.	Difference---	(3-5-5)	+1,091	+.4	+72
Herd Owner, State School & Colony, Faribault.					
MITCHELL FARM SIR BERKS MAY 807200 *11----------	18 daughters-	34	11,086	3.4	377
Born, 5-7-40; proved, 9-1-49; dead; Conn.	17 daughters-	33	11,028	3.4	375
Sire, 755834; dam, 1840066.	17 dams------	47	11,323	3.3	374
Herd Owner, Southbury Training School, Southbury.	Difference---	(7-13-8)	-295	+.1	+1
M M LUDWIG PONTIAC OAK SEGIS 856349----------	11 daughters-	15	10,879	3.8	418
Born, 7-28-42; proved, 9-29-49;----; Wis.	6 daughters--	9	10,141	3.9	396
Sire, 713951; dam, 1975331.	6 dams-------	10	11,728	3.5	407
Herd Owner, Elias B. Sprecher, Sauk City.	Difference---	(2-5-4)	-1,587	+.4	-11
MOGREEN ORMSBY HAZEL 840682----------	8 daughters--	16	13,309	3.5	467
Born, 10-20-41; proved, 9-30-49;----; Mich.	7 daughters--	14	13,165	3.5	460
Sire, 764687; dam, 1972060.	7 dams-------	14	13,080	3.3	428
Herd Owner, C. A. Green & Son, Jasper.	Difference---	(3-6-5)	+85	+.2	+32
MOHEB INKA JOE CASCADE 819928 *13----------	18 daughters-	35	11,513	3.5	400
Born, 11-2-40; proved, 9-29-49; dead; Wis.	15 daughters-	29	11,561	3.4	397
Sire, 780674; dam, 1791706.	15 dams------	32	11,616	3.4	399
Herd Owner, Raymond Talmage, Monticello.	Difference---	(8-7-9)	-55	.0	-2
MONTVIC PATHFINDER FAYNE 8[illegible] *13----------	14 daughters-	20	12,322	3.6	443
Born, 12-20-41; proved, 9-27-49;----; N. Y.	11 daughters-	15	12,483	3.6	449
Sire, 776307; dam, 1619165.	11 dams------	30	12,391	3.6	441
Herd Owner, Lewis S. Bell, Interlaken.	Difference---	(5-6-5)	+92	.0	+8
MONTVIC PATHFINDER POSCH 809167 *13----------	18 daughters-	26	11,746	3.7	433
Born, 10-30-40; proved, 9-1-49; dead; Mass.	15 daughters-	20	11,718	3.7	434
Sire, 776307; dam, 1892411.	15 dams------	47	11,124	3.5	388
Herd Owner, C. P. Peck & Sons, Shelburne Falls.	Difference---	(9-14-11)	+594	+.2	+46
MONTVIC R A EMPEROR POSCH 811261 *12----------	10 daughters-	23	9,533	3.6	347
Born, 4-5-40; proved, 9-1-49; dead; Maine.	10 dams------	49	11,884	3.7	443
Sire, 124590 CHB; dam, 2396012.	Difference---	(1-3-0)	-2,351	-.1	-96
Herd Owner, E. L. Young, Gorham.					
MOONLIT DALE JESS SIR INKA 868084----------	11 daughters-	14	13,007	3.7	477
Born, 1-20-43; proved, 9-21-49;----; Wis.	7 daughters--	8	13,259	3.6	482
Sire, 814582; dam, 2183822.	7 dams-------	18	13,536	3.6	489
Herd Owner, Mike Novinskie, Lancaster.	Difference---	(4-6-4)	-277	.0	-7
MOOREDALE HOMESTEAD WALKER 783198----------	17 daughters-	30	12,006	3.5	422
Born, 6-20-39; proved, 9-12-49; dead; N. Y.	6 daughters--	9	11,174	3.7	410
Sire, 734132; dam, 1761550.	6 dams-------	8	11,882	3.2	383
Herd Owner, Glencross Farms, Chatham Center.	Difference---	(2-6-4)	-708	+.5	+27

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
NEWMONT SENSATION LAD 780140----------	9 daughters--	12	10,538	3.6	380
Born, 3-21-39; proved, 9-12-49;----; Wis.	6 daughters--	6	10,406	3.5	366
Sire, 731387; dam, 1429185.	6 dams-------	11	11,938	3.5	398
Herd Owner, Black Diamond Dairy Farm, Sheboygan.	Difference---	(3-5-2)	-1,232	.0	-32
NIEMAN TRITOMIA BESSIE DEAN 829960----------	11 daughters-	14	10,826	3.5	38[illegible]
Born, 9-16-40; proved, 9-20-49;----; Iowa.	9 daughters--	10	10,380	3.5	368
Sire, 541114; dam, 1952538.	9 dams-------	24	12,603	3.4	426
Used in Eastern Iowa A. B. A., Inc.	Difference---	(1-5-3)	-2,223	+.1	-58
NITTANYVALE COLANTHA YATES 818813 *13----------	21 daughters-	26	9,363	3.1	286
Born, 3-13-41; proved, 9-30-49; dead; Pa.	20 daughters-	25	9,364	3.1	287
Sire, 698505; dam, 1619745.	20 dams------	71	10,422	3.3	347
Herd Owner, Warren State Hospital, Warren.	Difference---	(4-6-3)	-1,058	-.2	-60
NITTANYVALE DONVILLE ORMSBY 781005----------	11 daughters-	13	14,422	3.4	496
Born, 12-31-38; proved, 9-30-49;----; Pa.	5 daughters--	7	13,492	3.5	474
Sire, 614239; dam, 1619745.	5 dams-------	28	12,667	3.3	420
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(3-4-4)	+825	+.2	+54
NITTANYVALE PIEBE GERBEN UVULA 804880 *12----------	17 daughters-	36	13,004	3.5	449
Born, 3-18-40; proved, 9-2-49; dead; Pa.	11 daughters-	21	12,923	3.5	451
Sire, 698505; dam, 1792462.	11 dams------	35	14,025	3.6	504
Herd Owner, Pennsylvania Industrial School, Camp Hill.	Difference---	(4-6-3)	-1,102	-.1	-53
OAKDALE DICTATOR TRITOMIA FOBES 911020----------	6 daughters--	6	13,135	3.7	481
Born, 11-22-43; proved, 9-14-49;----; Iowa.	6 dams-------	14	11,475	3.6	418
Sire, 836532; dam, 1874342.	Difference---	(4-4-4)	+1,660	+.1	+63
Herd Owner, State Juvenile Home, Toledo.					
OMRO ADMIRAL PRINCESS 838730----------	8 daughters--	13	15,540	3.4	534
Born, 1-31-41; proved, 9-1-49; dead; Wis.	8 dams-------	29	14,395	3.5	507
Sire, 777508; dam, 1568492.	Difference---	(6-2-5)	+1,145	-.1	+27
Herd Owner, Charles R. O'Harrow, Oshkosh.					
ORMSBY FEMCO INKA DOLLY 921647----------	6 daughters--	9	12,822	3.5	446
Born, 11-18-42; proved, 9-26-49;----; Wis.	5 daughters--	8	12,711	3.6	453
Sire, 693386; dam, 1469862.	5 dams-------	8	12,219	3.7	457
Herd Owner, Roy E. & Neal A. Hill, Barron.	Difference---	(5-2-3)	+492	-.1	-4
ORMSBY LAKEFIELD GWENNIE KING 831724 *(Apr. 1949)----------	15 daughters-	25	11,013	3.8	415
Born, 7-1-41; proved, 9-22-49; dead; Pa.	14 daughters-	22	11,012	3.8	416
Sire, 698278; dam, 1860604.	14 dams------	50	11,093	3.5	386
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(5-13-11)	-81	+.3	+30
ORMSBY MERCEDES AAGGIE SKYLARK 892676----------	18 daughters-	18	7,859	3.5	273
Born, 2-27-43; proved, 9-1-49;----; Wis.	9 daughters--	9	8,141	3.5	283
Sire, 813659; dam, 1852285.	9 dams-------	17	9,849	3.3	320
Herd Owner, David J. Burke, Algoma.	Difference---	(1-8-2)	-1,708	+.2	-37
ORMSBY VEEMAN SKYLARK FOBES 907537----------	6 daughters--	9	9,823	3.6	354
Born, 10-2-43; proved, 9-9-49;----; Iowa.	5 daughters--	7	9,543	3.6	340
Sire, 711381; dam, 2053739.	5 dams-------	16	9,254	3.5	320
Herd Owner, Delmar D. Latham & Sons, Legrand.	Difference---	(2-3-3)	+289	+.1	+20
OSBORNDALE EDUCATOR ORMSBY 810223----------	13 daughters-	16	10,640	3.5	368
Born, 7-7-40; proved, 9-1-49;----; N. Y.	7 daughters--	8	10,461	3.5	370
Sire, 676023; dam, 1972584.	7 dams-------	23	11,778	3.5	407
Herd Owner, John Foster, Plymouth.	Difference---	(1-6-3)	-1,317	.0	-37
OSBORNDALE OLLIE HOMESTEAD KING 829701----------	19 daughters-	26	12,177	3.4	414
Born, 4-3-41; proved, 9-12-49; dead; N. Y.	7 daughters--	9	12,078	3.5	419
Sire, 676023; dam, 1898090.	7 dams-------	16	10,650	3.3	352
Herd Owner, Leo J. Tillapaugh & Sons, Carlisle.	Difference---	(5-4-5)	+1,428	+.2	+67
PABST BARTA EYEBRIGHT 809565----------	10 daughters-	13	9,535	3.4	323
Born, 10-14-40; proved, 9-1-49;----; Mich.	7 daughters--	9	9,502	3.4	323
Sire, 761980; dam, 1972980.	7 dams-------	11	13,326	3.3	438
Herd Owner, Johnson Brothers, Hermansville.	Difference---	(0-5-1)	-3,824	+.1	-115
PABST BARTA PARTHENEA PIEBE 869937----------	10 daughters-	14	15,493	3.8	582
Born, 2-16-43; proved, 9-2-49;----; Ohio.	10 dams------	49	14,406	3.5	504
Sire, 761980; dam, 2051364.	Difference---	(6-9-8)	+1,087	+.3	+78
Herd Owner, Caffee & Schroeder, Willshire.					
PABST BARTA PRILLY WAYNE 6TH 866540----------	13 daughters-	13	10,613	3.4	358
Born, 1-23-43; proved, 9-16-49;----; Wis.	12 daughters-	12	10,499	3.4	354
Sire, 823785; dam, 1986662.	12 dams------	52	11,809	3.1	372
Herd Owner, George Tulachka, Two Rivers.	Difference---	(2-11-3)	-1,310	+.3	-18
PABST BURKE PRIDE KING 872781----------	10 daughters-	12	12,866	3.6	465
Born, 4-13-43; proved, 9-8-49;----; Iowa.	5 daughters--	5	12,425	3.7	459
Sire, 697789; dam, 2091965.	5 dams-------	9	10,288	3.8	393
Herd Owner, Mt. Pleasant State Hospital, Mt. Pleasant.	Difference---	(5-3-4)	+2,137	-.1	+66

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PABST CASCADER PRIDE 6TH 789345 *13----------	24 daughters-	41	8,361	3.3	279
Born, 1-29-40; proved, 9-26-49;----; Wis.	19 daughters-	29	8,158	3.3	271
Sire, 730072; dam, 1934627.	19 dams------	43	7,860	3.5	275
Herd Owner, Costello Farm, Randolph.	Difference---	(10-8-8)	+298	-.2	-4
PABST SIR MONCADE CORNFLOWER 704747 *11----------	54 daughters-	122	11,946	3.5	414
Born, 2-9-35; proved, 9-30-49;----; Pa.	47 daughters-	99	11,849	3.5	410
Sire, 696543; dam, 1625183.	47 dams------	189	12,295	3.4	417
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(16-31-20)	-446	+.1	-7
PAGANOK KING FREDA PLUS 855555----------	5 daughters--	8	11,444	3.5	403
Born, 8-24-42; proved, 9-29-49;----; Ill.	5 dams-------	12	11,980	3.4	413
Sire, 753141; dam, 1982763.	Difference---	(2-4-3)	-536	+.1	-10
Herd Owner, Clayton Howe, Lena.					
PAL ORMSBY FOBES 886864----------	8 daughters--	10	12,414	3.6	449
Born, 2-22-43; proved, 9-30-49;----; Wis.	8 dams-------	30	11,877	3.5	418
Sire, 831946; dam, 2070837.	Difference---	(4-6-4)	+537	+.1	+31
Herd Owner, Rueben O. Kammann, Cleveland.					
PEBBLE BEACH CHIEFTAIN COUNTESS 768460 *12----------	46 daughters-	93	13,729	3.7	510
Born, 11-22-38; proved, 9-26-49; alive; Maine.	45 daughters-	92	13,746	3.7	512
Sire, 695631; dam, 1918475.	45 dams------	195	12,492	3.6	452
Used in Maine Co-op. A. B. A.	Difference---	(35-30-35)	+1,254	+.1	+60
PEBBLE BEACH CHIEFTAIN ORMSBY 864537----------	6 daughters--	7	10,851	3.6	395
Born, 11-25-42; proved, 9-27-49;----; N. Y.	5 daughters--	5	11,212	3.7	412
Sire, 695631; dam, 2000801.	5 dams-------	6	10,788	3.2	347
Herd Owner, Robert Coveney & James Hoffman, Walworth.	Difference---	(3-4-3)	+424	+.5	+65
PEBBLE BEACH DEAN HOPE 853926 *(Mar. 1949)----------	13 daughters-	19	13,342	3.8	507
Born, 6-28-42; proved, 9-27-49;----; N. Y.	10 daughters-	15	13,472	3.8	513
Sire, 761977; dam, 1900729.	10 dams------	32	11,048	3.7	412
Herd Owner, George A. Bradley & Son, Macedon Center.	Difference---	(9-7-9)	+2,424	+.1	+101
PEBBLE BEACH PRINCE OF WAYNE 837025 *13----------	8 daughters--	9	12,352	4.0	495
Born, 9-4-41; proved, 9-27-49;----; N. Y.	8 dams-------	32	13,250	3.9	517
Sire, 695631; dam, 1178919.	Difference---	(4-5-5)	-898	+.1	-22
Used in New York Co-op. A. B. A., Inc.					
PECK AGNES BESS BAKER BOY 825982----------	9 daughters--	11	9,660	3.6	345
Born, 2-18-41; proved, 9-12-49;----; Wis.	9 dams-------	47	10,760	3.8	410
Sire, 746634; dam, 1997904.	Difference---	(3-3-2)	-1,100	-.2	-65
Herd Owner, Harold Kessler & Son, Burlington.					
PECK MAMIE BESS KELLY KING 862005----------	5 daughters--	7	13,375	3.5	463
Born, 7-29-42; proved, 9-12-49;----; Wis.	5 dams-------	32	13,295	3.7	486
Sire, 817045; dam, 1997908.	Difference---	(3-1-2)	+80	-.2	-23
Herd Owner, George & Leonard Yahnke, Burlington.					
PHILHAVEN LASS WAYNE 886708----------	5 daughters--	5	13,897	3.2	451
Born, 4-18-43; proved, 9-12-49;----; Wis.	5 dams-------	14	11,057	3.4	371
Sire, 832252; dam, 1740728.	Difference---	(4-3-4)	+2,840	-.2	+80
Herd Owner, D. V. Nusbaum, Park Falls.					
PIETERTJE RAG MAN (TWIN) 771427 *12----------	44 daughters-	108	13,725	3.4	467
Born, 3-23-38; proved, 9-30-49;----; Pa.	41 daughters-	104	13,805	3.4	472
Sire, 705209; dam, 1628996.	41 dams------	183	13,073	3.5	454
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(30-15-27)	+732	-.1	+18
POLK INKA PONTIAC 835579----------	11 daughters-	14	11,375	3.6	413
Born, 8-29-41; proved, 9-21-49;----; Pa.	5 daughters--	7	11,116	3.7	408
Sire, 671582; dam, 1730473.	5 dams-------	17	9,324	3.4	316
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(3-5-3)	+1,792	+.3	+92
POND GATE MOOIE GLUCK 847866----------	7 daughters--	7	9,568	3.4	323
Born, 2-28-42; proved, 9-1-49; dead; Kans.	5 daughters--	5	9,374	3.4	320
Sire, 774922; dam, 2043115.	5 dams-------	5	9,673	3.3	323
Herd Owner, Linus Sweet, Nortonville.	Difference---	(2-3-3)	-299	+.1	-3
POSCH INKA FOBES CHIEF 856063----------	8 daughters--	11	14,061	3.5	489
Born, 2-20-42; proved, 9-20-49;----; Wis.	6 daughters--	8	14,502	3.5	504
Sire, 771111; dam, 2117044.	6 dams-------	12	10,930	3.4	366
Herd Owner, Ben A. Clark & H. S. Carr, Mukwonago.	Difference---	(6-3-6)	+3,572	+.1	+138
PRIDE OF ARNEWOOD 902245----------	6 daughters--	6	11,690	3.4	397
Born, 2-22-44; proved, 9-16-49;----; Iowa.	6 dams-------	21	11,886	3.5	413
Sire, 702939; dam, 2098283.	Difference---	(3-2-3)	-196	-.1	-16
Herd Owner, Bissett & Chauncy D. Bryant, Lamoille.					
PRILLY BESSIE SEGIS 7TH 861005----------	9 daughters--	11	12,508	3.3	407
Born, 6-19-42; proved, 9-12-49; dead; N. Y.	6 daughters--	7	11,688	3.3	390
Sire, 719432; dam, 2134872.	6 dams-------	10	12,672	3.3	421
Herd Owner, Martin V. Chesbro, Pennellville.	Difference---	(2-4-2)	-984	.0	-31

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PRINCE BONHEUR AALTJE 758460----------	10 daughters-	17	12,698	3.6	460
Born, 4-3-38; proved, 9-26-49;----; Wis.	5 daughters--	9	12,119	3.6	438
Sire, 756713; dam, 1885016.	5 dams-------	12	9,880	3.7	369
Herd Owner, Ray Uphoff, Cottage Grove.	Difference---	(4-2-4)	+2,239	-.1	+69
PRINCE FOBES MERCEDES ORMSBY 879929----------	6 daughters--	8	10,517	3.3	352
Born, 1-20-43; proved, 9-12-49; dead; Wis.	6 dams-------	17	10,366	3.4	356
Sire, 818602; dam, 2136796.	Difference---	(3-2-3)	+151	-.1	-4
Herd Owner, Fond du Lac County Asylum, Fond du Lac.					
PRINCE INKA ORMSBY BESS 833993 *12----------	22 daughters-	51	13,108	3.7	490
Born, 12-13-40; proved, 9-30-49; dead; Wis.	22 dams------	111	12,858	3.3	425
Sire, 620987; dam, 2116383.	Difference---	(12-21-19)	+250	+.4	+65
Herd Owner, Helmer Ruud, Menomonie.					
PRINCESS LUCKY DAY FOBES 856652----------	7 daughters--	9	10,322	3.3	338
Born, 3-4-42; proved, 9-14-49;----; Wis.	7 dams-------	27	11,300	3.3	370
Sire, 787993; dam, 1572255.	Difference---	(2-5-3)	-978	.0	-32
Herd Owner, Hilgendorf & Arnold Appenfeldt, Juneau.					
QUONQUONT BRAVO PLUTO 796378----------	22 daughters-	25	8,665	3.7	324
Born, 4-4-40; proved, 9-13-49;----; Vt.	6 daughters--	7	7,434	3.7	275
Sire, 759202; dam, 1844889.	6 dams-------	11	12,857	3.4	442
Herd Owner, Marvin B. Chapman, North Williston.	Difference---	(0-6-0)	-5,423	+.3	-167
RAG APPLE MONTVIC PRINCE 838464----------	8 daughters--	11	11,445	3.5	406
Born, 1-27-42; proved, 9-1-49;----; Wis.	5 daughters--	7	11,816	3.4	406
Sire, 772605; dam, 1897595.	5 dams-------	11	12,676	3.8	477
Herd Owner, Herman C. Stichtman, New London.	Difference---	(2-1-1)	-860	-.4	-71
RAHMLOW ADMIRAL DELLA 819252 *13----------	19 daughters-	25	11,931	3.7	441
Born, 2-2-41; proved, 9-26-49; dead; Wis.	19 dams------	81	10,374	3.6	370
Sire, 676723; dam, 1893671.	Difference---	(13-14-17)	+1,557	+.1	+71
Herd Owner, Henry D. Schaefer, Appleton.					
RAINBOW CAPTAIN BOLD 822580 *12----------	23 daughters-	41	14,714	3.7	547
Born, 10-18-40; proved, 9-8-49; alive; Mich.	20 daughters-	34	14,879	3.7	556
Sire, 660180; dam, 1447882.	20 dams------	79	14,278	3.5	502
Herd Owner, Robin Carr, Fowlerville.	Difference---	(11-17-15)	+601	+.2	+54
RAVENGLEN SENATOR INKARNATION 844996----------	6 daughters--	9	11,152	3.6	406
Born, 1-26-42; proved, 9-1-49;----; Wis.	6 dams-------	22	8,996	3.7	329
Sire, 741205; dam, 1942618.	Difference---	(6-4-6)	+2,156	-.1	+77
Herd Owner, Maurice Lind & Son, Coon Valley.					
REFORMATORY SIR BESS AAGGIE 829888----------	15 daughters-	21	10,011	3.3	332
Born, 3-26-41; proved, 9-21-49; dead; Mich.	9 daughters--	11	9,965	3.3	325
Sire, 675183; dam, 1841564.	9 dams-------	23	10,764	3.3	360
Herd Owner, Russell Campbell, Sandusky.	Difference---	(3-5-3)	-799	.0	-35
ROWSDALE PONTIAC PIETJE B 899350----------	6 daughters--	6	10,443	3.6	371
Born, 5-24-43; proved, 9-9-49; dead; Maine.	5 daughters--	5	10,721	3.4	369
Sire, 114449 CHB; dam, 354332 CHB.	5 dams-------	14	12,941	3.6	465
Used in Maine Co-op. A. B. A.	Difference---	(1-3-1)	-2,220	-.2	-96
RURALVALE ORMSBY MODEL 859451----------	7 daughters--	9	11,493	3.6	409
Born, 3-11-42; proved, 9-30-49;----; Mich.	5 daughters--	7	10,457	3.6	380
Sire, 859449; dam, 2104496.	5 dams-------	16	10,129	3.5	357
Herd Owner, Lawrence Doherty, Brown City.	Difference---	(3-4-4)	+328	+.1	+23
SCHOLTOP MONCADE LIEUTENANT 875699----------	6 daughters--	8	11,844	3.6	429
Born, 1-2-43; proved, 9-30-49;----; Pa.	6 dams-------	16	13,166	3.6	471
Sire, 704747; dam, 2002350.	Difference---	(2-3-3)	-1,322	.0	-42
Used in Lehigh Valley Co-op. A. B. A.					
SEGIS PIEBE BEETS BURKE 828322 *12----------	25 daughters-	38	11,099	3.7	408
Born, 2-12-41; proved, 9-26-49; dead; Pa.	24 daughters-	37	11,149	3.7	409
Sire, 770804; dam, 1686429.	24 dams------	84	11,523	3.6	411
Herd Owner, J. Paul Wrightstone, Jr., Camp Hill.	Difference---	(8-17-10)	-374	+.1	-2
SEQUOIA ROMEO A E 932547----------	19 daughters-	20	15,325	3.5	531
Born, 3-29-42; proved, 9-14-49;----; Calif.	17 daughters-	18	14,908	3.5	521
Sire, 778125; dam, 2113115.	17 dams------	56	14,938	3.4	505
Herd Owner, Arden Farms, Inc., Tipton.	Difference---	(9-13-11)	-30	+.1	+16
SIEBECKER JOE CANARY 830036 *13----------	17 daughters-	31	10,562	3.6	385
Born, 4-17-41; proved, 9-12-49; dead; Wis.	17 dams------	62	10,129	3.5	353
Sire, 749872; dam, 1833588.	Difference---	(10-14-13)	+433	+.1	+32
Herd Owner, Benjamin Miller, Juda.					
SIR BARBETTA PIETERTJE LEA 864949----------	8 daughters--	9	11,245	3.7	412
Born, 10-12-42; proved, 9-29-49;----; Wis.	8 dams-------	32	11,079	3.7	411
Sire, 761980; dam, 2179225.	Difference---	(5-3-5)	+166	.0	+1
Herd Owner, Sunny Lea Farm, Grafton.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR BEAUTY OF PURDUE (TWIN) 774683----------	7 daughters--	7	9,675	3.6	351
Born, 11-6-38; proved, 9-13-49;----; Ind.	5 daughters--	5	9,820	3.6	354
Sire, 673469; dam, 1547173.	5 dams-------	8	14,045	3.4	475
Herd Owner, Harcourt Sheets, Angola.	Difference---	(0-4-0)	-4,225	+.2	-121
SIR BESS ORMSBY FOBES TRIUNE 852903----------	9 daughters--	12	10,258	3.9	404
Born, 11-24-41; proved, 9-22-49;----; Iowa.	7 daughters--	9	10,169	3.9	396
Sire, 711381; dam, 1729947.	7 dams-------	20	10,057	3.6	362
Herd Owner, Dedar & Moschmeyer, Fredericksburg.	Difference---	(2-7-5)	+112	+.3	+34
SIR BESS ORMSBY SYLVIA 824361 *12----------	22 daughters-	33	12,306	3.4	423
Born, 12-15-40; proved, 9-20-49; dead; N. Y.	22 dams------	99	12,552	3.6	452
Sire, 761977; dam, 1998977.	Difference---	(9-7-5)	-246	-.2	-29
Herd Owner, Albert C. Townsend, Paris Station.					
SIR BESS SKYLARK BURKE 814179 *13----------	13 daughters-	26	11,574	3.4	390
Born, 9-15-40; proved, 9-13-49;----; Iowa.	10 daughters-	19	11,491	3.4	390
Sire, 710796; dam, 1528183.	10 dams------	33	9,640	3.6	349
Herd Owner, Hilmer Hotvedt, Decorah.	Difference---	(7-1-6)	+1,851	-.2	+41
SIR CREATOR INKA OLLIE 776883 *(Aug. 1949)----------	39 daughters-	68	12,343	3.4	423
Born, 2-19-39; proved, 9-30-49;----; Pa.	30 daughters-	58	12,723	3.4	435
Sire, 671582; dam, 1730451.	30 dams------	125	13,458	3.4	455
Used in Lehigh Valley Co-op. A. B. A.	Difference---	(9-22-13)	-735	.0	-20
SIR LYONS WALKER KORNDYKE 830707----------	9 daughters--	9	10,793	3.2	346
Born, 5-4-41; proved, 9-20-49; dead; Ohio.	9 dams-------	56	11,385	3.6	408
Sire, 722066; dam, 1709138.	Difference---	(2-2-1)	-592	-.4	-62
Herd Owner, H. J. Ringler, New London.					
SIR ORMSBY ALEWIN DE KOL 812730 *12----------	8 daughters--	11	9,625	3.6	344
Born, 1-12-40; proved, 9-13-49; dead; Minn.	8 dams-------	25	9,416	3.6	337
Sire, 780189; dam, 1748889.	Difference---	(3-6-3)	+209	.0	+7
Herd Owner, C. H. Mueller & Sons, Lewiston.					
SIR ORMSBY FOBES DICTATOR 45TH 833969 *13----------	18 daughters-	22	11,201	3.6	403
Born, 7-27-41; proved, 9-16-49;----; Wis.	17 daughters-	21	11,195	3.6	402
Sire, 662443; dam, 1985121.	17 dams------	51	10,746	3.4	362
Used in Dane-Iowa Co-op. A. B. A.	Difference---	(9-13-14)	+449	+.2	+40
SIR ORMSBY HILLVALE LASS 819637 *12----------	17 daughters-	27	12,968	3.4	437
Born, 5-14-40; proved, 9-26-49;----; Wis.	16 daughters-	26	12,826	3.4	435
Sire, 693222; dam, 1202168.	16 dams------	62	11,453	3.6	413
Herd Owner, Bernhard Schoessow & Sons, Thiensville.	Difference---	(11-4-10)	+1,373	-.2	+22
SIR ORMSBY RUE PIEBE 901862----------	5 daughters--	5	10,026	3.5	354
Born, 7-20-43; proved, 9-12-49;----; Colo.	5 dams-------	21	11,998	3.7	447
Sire, 706032; dam, 2369213.	Difference---	(2-0-1)	-1,972	-.2	-93
Herd Owner, George S. Turner, Canon City.					
SIR ORMSBY TRITOMIA PIEBE ONA 809857----------	8 daughters--	16	12,695	3.8	478
Born, 7-26-39; proved, 9-2-49; dead; Pa.	5 daughters--	10	13,331	3.7	495
Sire, 733325; dam, 1906771.	5 dams-------	12	13,226	3.6	479
Herd Owner, Vrie Peachey, Belleville.	Difference---	(3-4-3)	+105	+.1	+16
SIR PERFECTION TEAKE 862277----------	8 daughters--	11	10,206	3.5	361
Born, 10-1-42; proved, 9-8-49;----; Wis.	7 daughters--	10	9,956	3.6	357
Sire, 803275; dam, 1926611.	7 dams-------	31	11,742	3.8	443
Herd Owner, Gygax Brothers, Waukesha.	Difference---	(2-1-0)	-1,786	-.2	-86
SIR PIEBE TRANSMITTER POSCH 866280----------	7 daughters--	8	11,877	3.6	422
Born, 12-11-42; proved, 9-12-49;----; Wis.	6 daughters--	7	11,732	3.6	417
Sire, 754520; dam, 1804630.	6 dams-------	15	11,209	3.4	387
Herd Owner, E. H. Johnson, Union Grove.	Difference---	(5-4-5)	+523	+.2	+30
SIR POSCH INKA HUFF 817448----------	11 daughters-	11	9,514	3.7	348
Born, 2-6-41; proved, 9-12-49; dead; N. Y.	8 daughters--	8	8,919	3.6	320
Sire, 728771; dam, 1929085.	8 dams-------	12	10,921	3.6	393
Herd Owner, Arnold E. Davis, Livonia.	Difference---	(1-5-2)	-2,002	.0	-73
SLEEPY HOLLOW MISTER COLONEL 843460 *13----------	18 daughters-	27	16,234	3.5	562
Born, 12-23-41; proved, 9-26-49;----; Calif.	18 dams------	75	14,014	3.2	451
Sire, 784543; dam, 2065413.	Difference---	(15-14-17)	+2,220	+.3	+111
Herd Owner, California State Prison, San Quentin.					
STARWOOD TRIUNE SHOWBOY 852014----------	9 daughters--	10	13,350	3.4	448
Born, 2-24-42; proved, 9-21-49;----; Kans.	6 daughters--	6	13,231	3.3	439
Sire, 600230; dam, 1916847.	6 dams-------	13	12,455	3.4	418
Herd Owner, George F. Mueller, Hanover.	Difference---	(3-4-2)	+776	-.1	+21
SWARTZ COACHMAN DON 811334----------	6 daughters--	10	9,672	3.5	342
Born, 8-1-40; proved, 9-30-49;----; Wis.	6 dams-------	26	12,146	3.5	425
Sire, 739019; dam, 1715751.	Difference---	(1-4-1)	-2,474	.0	-83
Herd Owner, Peter Graber & Sons, Monticello.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
TESTMOR MONTVIC CHIEFTAIN 821810----------	8 daughters--	9	12,995	3.6	46[illegible]
Born, 12-18-40; proved, 9-1[illegible]-49;----; N. Y.	5 daughters--	9	14,117	[illegible]	4[illegible]
Sire, 783449; dam, 18[illegible]06.	[illegible] dams-------	10	1[illegible],10[illegible]	3.3	497
Herd Owner, Reed Hill Farms, Arcadia.	Difference---	(3-4-3)	-[illegible]98	+.[illegible]	+2
TRAVERSE IMPERIAL DUKE 824210 *13----------	26 daughters-	36	12,897	3.3	429
Born, 12-30-40; proved, 9-15-49; dead; Mich.	16 daughters-	25	12,889	[illegible]	424
Sire, 729194; dam, 1627916.	16 dams------	32	12,204	3.2	[illegible]
Herd Owner, Caro State Hospital, Caro.	Difference---	(10-12-13)	+685	+.1	+39
TRIUNE SUPREME ORMSBY POSCH 8[illegible]620----------	6 daughters--	7	10,671	3.8	402
Born, 3-5-43; proved, 9-13-49;----; Mich.	6 dams-------	16	15,468	3.6	561
Sire, 741587; dam, 1[illegible]54.	Difference---	(0-5-0)	-4,797	+.2	-1[illegible]
Herd Owner, Buth & Reisbig, Cooperaville.					
T T KING BESSIE BURKE HEILO 816021 *13----------	15 daughters-	23	12,288	3.6	442
Born, 12-11-40; proved, 9-1-49;----; Kans.	13 daughters-	19	12,[illegible]49	3.6	451
Sire, 752128; dam, 1919080.	13 dams------	53	11,867	3.6	423
Herd Owner, Torkelson Brothers, Everest.	Difference---	(8-8-8)	+682	.0	+28
U-MO MAN-O-WAR IMPERIAL 860095----------	5 daughters--	7	10,995	3.6	392
Born, 12-18-41; proved, 9-30-49;----; Mo.	5 dams-------	12	11,436	3.[illegible]	443
Sire, 639850; dam, 2169182.	Difference---	(3-0-2)	-441	-.3	-51
Herd Owner, W. Elbert Brown, Ethlyn.					
VENTNOR VICTORIOUS FOBES ORMSBY 835251 *13----------	25 daughters-	37	11,187	3.9	441
Born, 10-4-41; proved, 9-20-49; alive; Wis.	20 daughters-	31	11,558	3.9	455
Sire, 771132; dam, 1769664.	20 dams------	61	10,518	3.8	402
Herd Owner, Clarence J. Pester, Whitewater.	Difference---	(12-15-15)	+1,040	+.1	+53
V S H ARISTOCRAT SUCCESSOR 820384 *12----------	18 daughters-	28	10,503	3.4	358
Born, 2-10-41; proved, 9-14-49;----; Vt.	17 daughters-	27	10,556	3.4	359
Sire, 712121; dam, 1832728.	17 dams------	63	11,259	3.5	393
Herd Owner, Vermont State Hospital, Waterbury.	Difference---	(5-9-4)	-703	-.1	-34
WEBER PERFECTO BURKE PEPPER 892265----------	6 daughters--	6	16,[illegible]7	3.3	561
Born, 7-9-43; proved, 9-1-49; alive; Calif.	6 dams-------	26	16,769	3.[illegible]	584
Sire, 731889; dam, 1936763.	Difference---	(2-2-2)	+168	-.2	-23
Herd Owner, Frank Hopkins & Sons, San Jose.					
WEST-VILLA PROSPECTOR HOMESTEAD 855670----------	9 daughters--	14	11,466	3.6	408
Born, 3-2-42; proved, 9-20-49;----; Wis.	5 daughters--	8	11,837	3.4	403
Sire, 741286; dam, 1756626.	5 dams-------	7	12,797	3.0	387
Herd Owner, Levi Baker, Eagle.	Difference---	(2-3-3)	-960	+.4	+16
WIMBLEDON DEAN PEARL 790131----------	18 daughters-	26	1[illegible],737	3.7	502
Born, 1-30-40; proved, 9-20-49;----; Pa.	8 daughters--	10	14,522	3.7	5[illegible]6
Sire, 673094; dam, 1666966.	8 dams-------	22	13,520	3.8	512
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(5-3-4)	+1,002	-.1	+24
WIN-OLL KING ORMSBY 901316----------	6 daughters--	6	10,883	3.7	401
Born, 1-3-44; proved, 9-29-49; alive; W. Va.	5 daughters--	5	10,601	3.7	391
Sire, 814318; dam, 1907259.	5 dams-------	14	9,990	3.4	337
Used in West Virginia Co-op. A. B. A.	Difference---	(4-5-5)	+611	+.3	+54
WINTERTHUR SELECT NEBRASKA VICAR 823058 *13----------	29 daughters-	42	12,887	3.5	457
Born, 12-29-40; proved, 9-27-49;----; N. Y.	26 daughters-	39	12,993	3.5	461
Sire, 750000; dam, 1810721.	26 dams------	80	12,514	3.5	443
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(15-14-17)	+479	.0	+18
W I S KING PRIDE BESS 826429----------	7 daughters--	8	6,547	3.7	243
Born, 5-11-41; proved, 9-1-49; alive; Wis.	5 daughters--	5	6,542	3.7	243
Sire, 698242; dam, 1768105.	5 dams-------	11	7,732	3.7	289
Herd Owner, Al Thelan & Sons, La Farge.	Difference---	(0-2-0)	-1,190	.0	-46
WIS MENDOTA SEGIS COMET 819810----------	17 daughters-	26	12,660	3.4	433
Born, 10-18-40; proved, 9-26-49;----; Wis.	7 daughters--	9	11,555	3.4	389
Sire, 774084; dam, 1746942.	7 dams-------	14	10,747	3.4	362
Herd Owner, Mendota State Hospital, Mendota.	Difference---	(3-5-4)	+808	.0	+27
WITTIG PIETERTJE ORMSBY 865717----------	6 daughters--	6	12,868	4.0	521
Born, 8-21-40; proved, 9-21-49;----; Wis.	6 dams-------	24	12,626	3.6	449
Sire, 751309; dam, 2131236.	Difference---	(2-6-5)	+242	+.4	+72
Herd Owner, Jacob Nehrbass, Rockfield.					
WRIGHT GRACE CHIEF ORMSBY 820130----------	6 daughters--	[illegible]	11,1[illegible]	3.3	371
Born, 11-19-40; proved, 9-9-49;----; Iowa.	6 dams-------	26	10,682	3.5	371
Sire, 749574; dam, 1631043.	Difference---	(5-4-4)	+473	-.2	0
Herd Owner, Eldon B. Nelson & Son, Boone.					
YARBA DELLA CHAMPION 818478 *12----------	21 daughters-	30	11,206	3.6	399
Born, 3-7-40; proved, 9-20-49; dead; Pa.	16 daughters-	2[illegible]	11,373	3.5	403
Sire, 618582; dam, 1586357.	16 dams------	56	11,921	3.6	423
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(8-9-7)	-548	-.1	-20

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
16*C95948 (BANGS OR TB EARTAG) *8	20 daughters-	60	10,820	3.1	340
Born, ----; proved, 9-7-49;----; Conn.	19 daughters-	57	10,823	3.2	341
Sire, ----; dam, ----.	19 dams------	99	10,665	3.5	371
Herd Owner, Edwin F. Osborne, Gaylordsville.	Difference---	(11-2-7)	+158	-.3	-30
81-8359 (DHIA EARTAG)	19 daughters-	34	11,192	3.3	371
Born, ----; proved, 9-30-49;----; Mont.	11 daughters-	23	11,518	3.3	376
Sire, ----; dam, ----.	11 dams------	37	10,694	3.3	356
Herd Owner, Alois Schai, Waterloo.	Difference---	(8-8-7)	+824	.0	+20

JERSEY SIRES

ACE FAIRY PRINCE 408123 *12	22 daughters-	44	6,919	4.9	337
Born, 1-19-40; proved, 9-12-49; dead; Vt.	22 dams------	73	6,796	4.9	332
Sire, 297011; dam, 1097637.	Difference---	(12-13-11)	+123	.0	+5
Herd Owner, Hewitt Moore, North Pomfret.					
ADMIRATION MADCAP OBSERVER 443326 *12	17 daughters-	25	7,632	5.5	421
Born, 3-23-42; proved, 9-1-49; dead; Iowa.	16 daughters-	24	7,760	5.5	429
Sire, 375857; dam, 1039213.	16 dams------	48	7,332	5.2	380
Herd Owner, Dave N. Olmsted, McGregor.	Difference---	(12-11-10)	+428	+.3	+49
ADVANCER VOL. DICTATOR 398840 *(Feb. 1949)	18 daughters-	31	8,201	4.7	385
Born, 9-7-38; proved, 9-27-49; dead; Ohio.	11 daughters-	15	8,027	4.6	373
Sire, 367164; dam, 1153937.	11 dams------	29	7,924	4.8	382
Used in Central Ohio Co-op. A. B. A.	Difference---	(7-3-5)	+103	-.2	-9
ALDERWOLD OXFORD MASTER 437846	9 daughters--	13	7,868	5.9	468
Born, 3-27-42; proved, 9-1-49;----; Oreg.	7 daughters--	10	7,984	5.9	471
Sire, 407418; dam, 1286855.	7 dams-------	15	8,662	4.7	408
Herd Owner, Warner C. Waite, Cushman.	Difference---	(2-7-5)	-678	+1.2	+63
AMES POGIS PRIDE 439659	5 daughters--	5	6,142	6.1	374
Born, 3-1-42; proved, 9-27-49;----; Iowa.	5 dams-------	10	7,968	5.3	426
Sire, 358036; dam, 1243499.	Difference---	(0-5-3)	-1,826	+.8	-52
Herd Owner, Iowa State College Dairy Farm, Ames.					
BRAMPTON FAUVIC STAR 481037	6 daughters--	6	4,735	5.4	257
Born, 2-17-43; proved, 9-30-49;----; Mich.	5 daughters--	5	4,859	5.5	267
Sire, 409173; dam, 1353316.	5 dams-------	19	6,546	4.8	313
Herd Owner, Harold E. Stone & Son, Wheeler.	Difference---	(1-5-2)	-1,687	+.7	-46
BRAMPTON RECORD'S CECIL 424606	8 daughters--	12	8,076	5.3	425
Born, 3-21-41; proved, 9-13-49; alive; Va.	7 daughters--	11	8,643	5.3	457
Sire, 101251 CJCC; dam, 78689 CJCC.	7 dams-------	29	9,069	5.2	470
Herd Owner, Presbyterian Orphanage, Lynchburg.	Difference---	(3-3-4)	-426	+.1	-13
BRAMPTON ROCKMOUNT BASIL 448353	8 daughters--	11	7,996	4.6	368
Born, 6-30-41; proved, 9-9-49;----; Utah.	6 daughters--	8	7,669	4.6	356
Sire, 91299 CJCC; dam, 48583 CJCC.	6 dams-------	19	9,397	4.8	446
Herd Owner, Lee E. Thurgood, West Point.	Difference---	(0-4-0)	-1,728	-.2	-90
BRAMPTON W. R. MELVIN 439712	7 daughters--	7	7,103	4.9	348
Born, 1-24-42; proved, 9-21-49;----; Mich.	6 daughters--	6	7,348	4.9	359
Sire, 101251 CJCC; dam, 47456 CJCC.	6 dams-------	22	6,614	5.6	371
Herd Owner, Collin Grabill, Grant.	Difference---	(3-1-2)	+734	-.7	-12
CALIFORNIA NAPNICK XERXES 450232	10 daughters-	11	11,244	5.3	597
Born, 12-13-42; proved, 9-30-49;----; Calif.	9 daughters--	10	11,409	5.3	608
Sire, 316846; dam, 1075010.	9 dams-------	34	10,069	5.3	529
Herd Owner, M. H. Crom, Manteca.	Difference---	(6-6-6)	+1,340	.0	+79
COLONEL HALIFAX 405593 *12	22 daughters-	51	6,235	5.4	339
Born, 10-18-38; proved, 9-23-49; dead; Vt.	19 daughters-	47	6,253	5.4	339
Sire, 385734; dam, 1159497.	19 dams------	80	7,211	5.0	360
Herd Owner, Floyd Stone, Jacksonville.	Difference---	(3-17-8)	-958	+.4	-21
COME SON SYBIL BARON 436576 *13	18 daughters-	23	8,609	5.0	432
Born, 3-26-42; proved, 9-1-49; dead; Oreg.	14 daughters-	18	8,371	5.1	430
Sire, 382849; dam, 919667.	14 dams------	31	7,240	5.5	395
Herd Owner, Harold Clark, Creswell.	Difference---	(11-4-10)	+1,131	-.4	+35
CORONATION STAR BOY NOBLE 424438	18 daughters-	30	9,341	5.4	508
Born, 6-14-41; proved, 9-1-49;----; Oreg.	13 daughters-	19	9,339	5.3	496
Sire, 402779; dam, 1056480.	13 dams------	22	10,677	4.5	484
Herd Owner, J. Warren Corey, Cornelius.	Difference---	(3-12-6)	-1,338	+.8	+12
DAISY'S WILLONYX DESIGN 420972	12 daughters-	17	5,024	5.0	253
Born, 12-15-40; proved, 9-13-49; dead; Mich.	9 daughters--	13	5,255	5.1	268
Sire, 391861; dam, 1041889.	9 dams-------	22	6,434	5.5	352
Herd Owner, Harold Day, Armada.	Difference---	(1-5-1)	-1,179	-.4	-84

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DESIGN QUALITY SULTAN 441313 *13----------	16 daughters-	27	8,620	5.0	430
Born, 2-15-42; proved, 9-26-49;----; Md.	16 dams------	51	7,599	5.0	380
Sire, 359463; dam, 1052650.	Difference---	(11-9-13)	+1,021	.0	+50
Herd Owner, Ennis Ray McGrady, Rising Sun.					
DUKE GAMBOGE POGIS 443665----------	16 daughters-	29	9,241	5.2	477
Born, 4-18-41; proved, 9-28-49;----; Ill.	16 dams------	42	8,717	5.3	462
Sire, 413492; dam, 1023624.	Difference---	(11-5-11)	+524	-.1	+15
Herd Owner, Delmar Jarboe, Sadorus.					
DUKE VICTOR REX 422226----------	10 daughters-	18	7,531	5.4	406
Born, 5-28-40; proved, 9-27-49;----; N. Y.	10 dams------	20	7,275	5.4	394
Sire, 382901; dam, 1159853.	Difference---	(4-5-5)	+256	.0	+12
Herd Owner, Eugene P. Forrestel, Medina.					
FERN GOLDEN DESIGN DOUBLE 435785 *13----------	9 daughters--	14	5,597	5.5	308
Born, 12-17-39; proved, 9-21-49; dead; Vt.	9 dams-------	48	6,146	5.5	337
Sire, 381109; dam, 1113356.	Difference---	(3-5-4)	-549	.0	-29
Herd Owner, Shore Acres Farm, Shelburne.					
FERN'S VICTOR HOPE CHAMPION 458513----------	6 daughters--	6	6,864	5.2	356
Born, 3-13-43; proved, 9-30-49;----; Wis.	5 daughters--	5	6,890	5.2	362
Sire, 403809; dam, 1236603.	5 dams-------	9	7,360	5.2	386
Herd Owner, Raymond Smith, River Falls.	Difference---	(1-3-1)	-470	.0	-24
FILLPAIL SLEEPER 387630----------	9 daughters--	9	6,710	5.2	350
Born, 3-16-37; proved, 9-29-49;----; Ga.	7 daughters--	7	6,168	5.3	326
Sire, 351912; dam, 1047639.	7 dams-------	11	7,646	4.8	365
Herd Owner, Normandale Farms, Chickamauga.	Difference---	(2-6-1)	-1,478	+.5	-39
GAMBOGE YOU'LL DO OXFORD 437754 *13----------	12 daughters-	24	7,745	6.0	466
Born, 9-28-41; proved, 9-19-49; alive; Oreg.	12 dams------	48	7,045	6.1	427
Sire, 405578; dam, 1128284.	Difference---	(9-6-8)	+700	-.1	+39
Herd Owner, Glen L. Thurston, Scio.					
GENUINE BLONDE CRAIGKNOLL 450821----------	13 daughters-	13	7,205	5.2	372
Born, 10-6-43; proved, 9-27-49;----; Wis.	12 daughters-	12	7,199	5.2	373
Sire, 418409; dam, 950407.	12 dams------	36	6,828	5.1	351
Herd Owner, Charles A. Peterson, Rosendale.	Difference---	(5-7-8)	+371	+.1	+22
GOLDEN VICTOR TORMENTOR 437280----------	6 daughters--	7	5,635	4.8	271
Born, 4-22-42; proved, 9-27-49;----; Vt.	5 daughters--	6	5,705	4.8	274
Sire, 362091; dam, 1198262.	5 dams-------	12	6,833	4.5	309
Herd Owner, Kenneth P. Macia, Richford.	Difference---	(1-5-1)	-1,128	+.3	-35
GOLDIE SON HOLMAW G. TRIBAL L. 409447 *13----------	26 daughters-	41	7,327	4.8	354
Born, 6-23-39; proved, 9-12-49; dead; Tenn.	21 daughters-	36	7,177	4.8	348
Sire, 341541; dam, 1105907.	21 dams------	80	7,030	4.8	339
Herd Owner, Mrs. Frank E. Russell, Calhoun.	Difference---	(11-11-10)	+147	.0	+9
GRAYBURN SULTAN STANDARD 396848----------	14 daughters-	23	8,099	5.8	467
Born, 1-1-36; proved, 9-12-49; dead; Va.	12 daughters-	20	8,132	5.7	466
Sire, 51067 CJCC; dam, 68651 CJCC.	12 dams------	58	8,559	5.5	472
Herd Owner, Montpelier Farm, Montpelier Station.	Difference---	(3-10-6)	-427	+.2	-6
HIGH STANDARD 408738 *13----------	15 daughters-	27	9,600	5.4	517
Born, 10-19-39; proved, 9-21-49; dead; Mass.	11 daughters-	18	9,928	5.4	539
Sire, 365924; dam, 1079066.	11 dams------	44	8,444	5.5	467
Herd Owner, High Lawn Farm, Lenox.	Difference---	(9-6-10)	+1,484	-.1	+72
IMP. FARINEUSE STANDARD 400841----------	14 daughters-	15	7,467	5.1	382
Born, 12-23-32; proved, 9-21-49;----; Ga.	7 daughters--	7	6,707	5.3	359
Sire, 79287 CJCC; dam, P. S. 32586 H. C.	7 dams-------	10	7,722	5.2	401
Herd Owner, John L. Hutcheson, Sr., Rossville.	Difference---	(2-4-2)	-1,015	+.1	-42
INCITE'S DARLING EDDIE 474694----------	10 daughters-	10	6,131	4.6	280
Born, 5-18-41; proved, 9-30-49;----; Minn.	5 daughters--	5	5,938	4.7	281
Sire, 314689; dam, 1532574.	5 dams-------	5	8,181	4.7	381
Herd Owner, Howard Wolkow, Farmington.	Difference---	(1-3-1)	-2,243	.0	-100
INO BLONDE SULTAN 409659 *13----------	22 daughters-	31	7,052	5.4	377
Born, 11-11-38; proved, 9-1-49; dead; Minn.	17 daughters-	24	7,036	5.2	369
Sire, 344233; dam, 1117740.	17 dams------	37	6,978	5.0	352
Herd Owner, Ira Benham, Hubbard.	Difference---	(8-12-7)	+58	+.2	+17
JESTER DENG RHETT 432506 *13----------	11 daughters-	14	6,739	5.3	356
Born, 12-7-40; proved, 9-1-49; alive; Kans.	9 daughters--	11	6,425	5.4	346
Sire, 391607; dam, 1108756.	9 dams-------	27	5,912	5.5	323
Herd Owner, David M. Schurle, Manhattan.	Difference---	(6-4-6)	+513	-.1	+23
JESTER TAXPAYER BLONDE 454673----------	6 daughters--	6	8,161	5.3	429
Born, 1-20-44; proved, 9-30-49;----; Ind.	6 dams-------	14	6,652	5.4	357
Sire, 409565; dam, 1101653.	Difference---	(5-4-6)	+1,509	-.1	+72
Herd Owner, Frank E. Weller & Son, Garrett.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
JOCEDA WISE OWL 433875 *13----------	13 daughters-	24	7,134	5.2	370
Born, 12-29-40; proved, 9-19-49;----; N. J.	13 dams------	37	6,263	5.3	335
Sire, 383932; dam, 1110448.	Difference---	(8-4-7)	+871	-.1	+35
Herd Owner, Louis M. Kiesling, Bordentown.					
KANSTOCAL CORONATION QUOTA 434015 *13----------	9 daughters--	11	6,995	5.3	370
Born, 8-27-41; proved, 9-16-49; dead; Kans.	9 dams-------	32	6,851	5.3	362
Sire, 354934; dam, 1146157.	Difference---	(5-5-5)	+144	.0	+8
Herd Owner, John A. Bowyer, Abilene.					
LULU MAY'S STANDARD OWL 420929----------	7 daughters--	11	9,787	4.9	482
Born, 8-25-39; proved, 9-12-49; dead; Wash.	6 daughters--	9	9,888	5.0	490
Sire, 389785; dam, 1043027.	6 dams-------	23	9,741	5.4	529
Herd Owner, Swiss Dairy, Olympia.	Difference---	(3-0-2)	+147	-.4	-39
MADCAP DOUBLE VICTOR 443591 *13----------	22 daughters-	24	8,165	5.3	435
Born, 6-9-42; proved, 9-9-49; dead; N. Y.	13 daughters-	13	8,224	5.3	435
Sire, 337385; dam, 1242839.	13 dams------	29	7,933	5.0	400
Used in Broome Co-op. A. B. A., Inc.	Difference---	(7-9-8)	+291	+.3	+35
MAY-OWL MASTER OWL SENATOR 411120 *13----------	35 daughters-	60	7,201	5.9	428
Born, 8-20-39; proved, 9-27-49; alive; Va.	27 daughters-	45	7,075	5.9	417
Sire, 344307; dam, 1146555.	27 dams------	98	7,474	5.5	408
Herd Owner, Douglas S. Hill, Orange.	Difference---	(13-21-16)	-399	+.4	+9
MIGHTY'S OXFORD PRINCE 410469----------	13 daughters-	15	6,672	5.2	345
Born, 10-27-39; proved, 9-30-49;----; Ohio.	9 daughters--	11	7,285	5.2	376
Sire, 339065; dam, 934135.	9 dams-------	17	6,296	5.2	328
Herd Owner, Marshall, Whittington & Runkle, New London.	Difference---	(6-4-5)	+989	.0	+48
MODEST RALEIGH POGIS BOY 427594----------	5 daughters--	10	7,284	5.7	417
Born, 11-30-40; proved, 9-13-49;----; Wis.	5 dams-------	15	7,168	5.8	418
Sire, 383586; dam, 1318491.	Difference---	(2-3-3)	+116	-.1	-1
Herd Owner, William Poisl, Union Grove.					
MOROCCO MIGHTY KNIGHT 448408----------	10 daughters-	11	8,615	5.2	449
Born, 8-21-42; proved, 9-1-49;----; Ky.	6 daughters--	6	8,915	5.2	461
Sire, 413389; dam, 1144759.	6 dams-------	9	8,134	5.3	430
Herd Owner, Bright & Moody, Eminence.	Difference---	(3-2-3)	+781	-.1	+31
NET GIANT LAD 423633----------	6 daughters--	13	6,943	5.5	384
Born, 12-24-40; proved, 9-13-49; dead; Mich.	5 daughters--	12	7,376	5.5	409
Sire, 398189; dam, 1082222.	5 dams-------	18	6,728	5.6	377
Herd Owner, Mrs. Elizabeth Myra Simons & Son, St. Charles.	Difference---	(3-3-3)	+648	-.1	+32
NURIEL FERN ROYALIST 441296----------	10 daughters-	10	8,601	5.5	475
Born, 7-12-42; proved, 9-22-49;----; Ill.	9 daughters--	9	8,679	5.5	478
Sire, 358525; dam, 995765.	9 dams-------	17	8,751	5.5	481
Herd Owner, Raymond Graves, Olney.	Difference---	(5-5-5)	-72	.0	-3
OLIVER COME SON DUKE 435741 *13----------	14 daughters-	23	7,305	5.7	420
Born, 5-8-41; proved, 9-21-49; alive; Wash.	12 daughters-	20	7,176	5.8	415
Sire, 394732; dam, 1233136.	12 dams------	29	7,871	5.3	416
Herd Owner, W. F. Nelson, Walla Walla.	Difference---	(4-9-7)	-695	+.5	-1
PINECREST DANNY 427442 *13----------	12 daughters-	22	6,560	5.2	342
Born, 4-22-41; proved, 9-1-49; dead; N. Y.	11 daughters-	20	6,482	5.3	343
Sire, 392088; dam, 1199004.	11 dams------	27	6,655	5.4	359
Herd Owner, Don B. Davidson, Delancey.	Difference---	(6-3-4)	-173	-.1	-16
POMPEY'S SYBIL BEAU 361089----------	18 daughters-	46	10,331	5.0	512
Born, 10-30-33; proved, 9-30-49;----; Conn.	6 daughters--	16	10,760	4.9	524
Sire, 326135; dam, 992001.	6 dams-------	14	10,357	5.0	520
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference---	(3-2-2)	+403	-.1	+4
RANDLEIGH FON VICTOR 408346 *12----------	23 daughters-	39	8,454	5.0	422
Born, 4-4-39; proved, 9-29-49; dead; Md.	22 daughters-	38	8,423	5.0	421
Sire, 300732; dam, 961226.	22 dams------	109	7,690	5.1	393
Herd Owner, Indian Spring Farm, Darlington.	Difference---	(15-9-14)	+733	-.1	+28
ROSENEATH VOLUNTEER PANDRO 452106 *13----------	12 daughters-	24	9,257	5.1	474
Born, 1-14-42; proved, 9-1-49;----; Calif.	12 dams------	44	9,011	5.0	448
Sire, 408838; dam, 1347344.	Difference---	(4-8-7)	+246	+.1	+26
Herd Owner, Mary Jean Sinclair, Chowchilla.					
ST MAWES HOLGER ROYAL 438054 *13----------	11 daughters-	19	6,933	5.4	375
Born, 11-15-40; proved, 9-1-49; dead; Idaho.	9 daughters--	17	6,783	5.3	359
Sire, 341621; dam, 802859.	9 dams-------	24	7,030	5.2	368
Herd Owner, O. B. Hollingsworth, Emmet.	Difference---	(4-6-5)	-247	+.1	-9
SIBLEY VERMONTER 440350 *13----------	13 daughters-	17	7,094	5.4	380
Born, 5-13-42; proved, 9-1-49; dead; Vt.	12 daughters-	16	7,071	5.4	380
Sire, 391602; dam, 1087091.	12 dams------	28	7,389	5.2	383
Herd Owner, Seaver D. Wright, White River Junction.	Difference---	(3-8-4)	-318	+.2	-3

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SMILAX SYBIL FAIRY BEAU OF S. S. F. 445570----------	5 daughters--	5	4,745	5.4	255
Born, 11-2-42; proved, 9-7-49;----; N. Y.	5 dams-------	13	8,010	5.3	425
Sire, 378498; dam, 1032490.	Difference---	(0-4-0)	-3,265	+.1	-170
Herd Owner, Francis W. Drake, Orwell.					
SPARKLING IVY STANDARD 448747----------	5 daughters--	5	6,171	5.0	308
Born, 7-15-43; proved, 9-30-49;----; Ga.	5 dams-------	14	6,580	4.8	314
Sire, 376841; dam, 1039859.	Difference---	(3-4-2)	-409	+.2	-6
Herd Owner, Allen's Invalid Home, Milledgeville.					
SPARKLING NOBLE GEORGIAN 415016 *12----------	18 daughters-	32	6,697	5.2	348
Born, 11-6-39; proved, 9-30-49; dead; Ga.	16 daughters-	28	6,681	5.1	342
Sire, 388076; dam, 1169542.	16 dams------	49	7,560	4.9	373
Herd Owner, Allen's Invalid Home, Milledgeville.	Difference---	(5-10-4)	-879	+.2	-31
STANDARD FAUVIC ACTOR 433946----------	11 daughters-	13	8,417	5.3	447
Born, 12-7-41; proved, 9-30-49;----; Idaho.	6 daughters--	8	8,197	5.4	440
Sire, 376838; dam, 1174397.	6 dams-------	16	7,726	5.4	416
Herd Owner, Osman Greathouse, Meridian.	Difference---	(3-3-4)	+471	.0	+24
SYBIL BLEND KING OF S. S. F. 437407----------	8 daughters--	12	6,964	5.0	349
Born, 12-26-41; proved, 9-30-49;----; Pa.	5 daughters--	7	6,966	5.0	351
Sire, 412729; dam, 1201278.	5 dams-------	9	7,874	5.1	405
Herd Owner, Lloyd Wolfe, Troy.	Difference---	(2-1-1)	-908	-.1	-54
THE CHALLENGER VICTOR 440008----------	26 daughters-	26	7,372	5.2	386
Born, 3-3-42; proved, 9-22-49;----; Oreg.	10 daughters-	10	6,811	5.4	369
Sire, 403903; dam, 1244975.	10 dams------	13	8,403	5.2	439
Herd Owner, Riverview Farm, Coos Bay.	Difference---	(2-6-2)	-1,592	+.2	-70
THE KID'S PAYMASTER 436293 *13----------	20 daughters-	33	9,453	5.1	478
Born, 4-13-41; proved, 9-20-49; dead; Ohio.	18 daughters-	28	9,381	5.1	475
Sire, 384605; dam, 1210248.	18 dams------	55	8,800	4.9	428
Herd Owner, W. D. Kahler, Westerville.	Difference---	(12-13-14)	+581	+.2	+47
THOMAS VALIANT X WONDER 440286----------	12 daughters-	18	7,282	5.1	368
Born, 11-29-41; proved, 9-7-49; alive; Mich.	8 daughters--	11	6,702	5.3	355
Sire, 410269; dam, 1109269.	8 dams-------	18	7,473	5.0	376
Herd Owner, Olson Brothers, Stanton.	Difference---	(3-7-3)	-771	+.3	-21
TITAN SIMPLE SIMON 427545----------	5 daughters--	8	8,217	5.2	427
Born, 9-3-41; proved, 9-13-49; alive; Conn.	5 dams-------	15	8,696	5.3	463
Sire, 311360; dam, 1147090.	Difference---	(2-1-1)	-479	-.1	-36
Herd Owner, C. Franklyn Buell, Woodstock Valley.					
VALDREAM DREAMER 434430----------	5 daughters--	6	5,859	5.5	321
Born, 8-7-41; proved, 9-26-49;----; Mo.	5 dams-------	9	7,388	5.2	384
Sire, 394012; dam, 1229322.	Difference---	(1-4-0)	-1,529	+.3	-63
Herd Owner, Sylvester Smith, Edina.					
VALIANT BARONET OWL 407239----------	8 daughters--	11	7,027	5.7	397
Born, 9-3-39; proved, 9-21-49;----; Minn.	7 daughters--	9	7,043	5.6	394
Sire, 381020; dam, 1133334.	7 dams-------	13	6,473	5.3	345
Herd Owner, Sunnyhurst Farm, Wayzata.	Difference---	(4-6-5)	+570	+.3	+49
VALIANT KITTITAS DESIGN 452806----------	5 daughters--	6	7,778	5.4	421
Born, 3-24-43; proved, 9-26-49;----; Mich.	5 dams-------	13	9,646	5.1	491
Sire, 414771; dam, 1230920.	Difference---	(0-4-1)	-1,868	+.3	-70
Herd Owner, Arden W. Wright, Marcellus.					
VALIANT MASTER VOLUNTEER 454032----------	6 daughters--	6	9,049	4.8	438
Born, 7-3-43; proved, 9-26-49;----; Mich.	5 daughters--	5	9,097	4.8	439
Sire, 371003; dam, 1007651.	5 dams-------	12	8,063	5.2	419
Used in Northern Ohio Co-op. A. B. A., Ohio.	Difference---	(3-1-3)	+1,034	-.4	+20
VALIANT STYLISH DESIGN 427045 *13----------	10 daughters-	11	7,396	4.7	351
Born, 9-12-41; proved, 9-20-49; dead; N. J.	8 daughters--	9	7,445	4.8	355
Sire, 394826; dam, 1159013.	8 dams-------	18	7,743	4.9	377
Herd Owner, Leicester Farm, Pittstown.	Difference---	(2-4-2)	-298	-.1	-22
VOLUNTEER DIPSY STANDARD 454316----------	5 daughters--	5	12,453	4.7	586
Born, 1-1-44; proved, 9-1-49; alive; Vt.	5 dams-------	16	9,806	5.5	537
Sire, 365924; dam, 1178969.	Difference---	(4-1-2)	+2,647	-.8	+49
Herd Owner, Brigham Farm, St. Albans.					
WHITEHILLS DESIGN GEHRKE 446015----------	7 daughters--	11	7,410	4.9	366
Born, 4-7-40; proved, 9-7-49; dead; Wash.	6 daughters--	9	7,355	4.9	361
Sire, 92054 CJCC; dam, 90594 CJCC.	6 dams-------	16	8,574	4.9	418
Herd Owner, Ernest Child, Enumclaw.	Difference---	(2-3-2)	-1,219	.0	-57
92-D0554 (DHIA EARTAG)----------	11 daughters-	11	6,610	5.3	351
Born, ----; proved, 9-30-49;----; Oreg.	10 daughters-	10	6,313	5.3	337
Sire, ----; dam, ----.	10 dams------	18	7,995	4.9	394
Herd Owner, N. J. Huntington, Florence.	Difference---	(2-8-4)	-1,682	+.4	-57

SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MAY'S DUKE 2D 1880294----------	10 daughters-	13	7,461	3.9	291
Born, 4-5-36; proved, 9-22-49;----; Minn.	5 daughters--	6	8,211	3.8	316
Sire, 1809416; dam, 1794979.	5 dams-------	9	7,571	3.6	274
Herd Owner, Alfred Sauck & Son, Fairmont.	Difference---	(2-3-3)	+640	+.2	+42
NORTHLYND PRINCE ROBERT 2016333----------	9 daughters--	13	6,408	3.9	250
Born, 7-5-39; proved, 9-22-49;----; Ind.	7 daughters--	10	6,847	3.9	267
Sire, 214934 CHB; dam, 246574 CHB.	7 dams-------	10	8,172	4.2	339
Herd Owner, Hy Lynd Farms, Garrett.	Difference---	(2-3-2)	-1,325	-.3	-72
OLIVE'S ROAN CHARLIE 2078459----------	8 daughters--	11	5,972	3.9	232
Born, 12-2-39; proved, 9-22-49;----; Wis.	5 daughters--	7	5,912	3.9	229
Sire, 1865642; dam, 1743609.	5 dams-------	9	5,643	3.9	220
Herd Owner, John Ruemmele, Hudson.	Difference---	(3-4-3)	+269	.0	+9
WALKERN COUNT 2146013----------	6 daughters--	10	8,655	4.3	370
Born, 11-24-41; proved, 9-20-49;----; Minn.	5 daughters--	8	8,425	4.2	356
Sire, 299622 CHB; dam, 187858 CHB.	5 dams-------	15	7,471	4.2	311
Herd Owner, The McMartin Herd, Madelia.	Difference---	(3-3-3)	+954	.0	+45
WOODWARD'S SUCCESS 1863431----------	6 daughters--	12	6,832	4.1	278
Born, 12-19-35; proved, 9-1-49;----; Iowa.	6 dams-------	24	6,876	4.3	293
Sire, 1787489; dam, 1555313.	Difference---	(2-3-2)	-44	-.2	-15
Herd Owner, Emmet F. Morris & Son, New Providence.					

AMERICAN DAIRY CATTLE CLUB SIRES

CLOVE VALLEY SUPREME SATISFACTION 342
(This sire is also a registered Holstein "Clove Valley Supreme Satisfaction 864818." Proved Sire data included in Holstein listing.)

EASTLAKE KING ABBEKERK 213
(This sire is also a registered Holstein "Eastlake King Abbekerk 815283." Proved Sire data included in Holstein listing.)

FAIRVIEW MONTVIC CHIEFTAIN 12TH 861
(This sire is also a registered Holstein "Fairview Montvic Chieftain 12th 766065." Proved Sire data included in Holstein listing.)

GENODALE ORMSBY NIG SUCCESSOR 902
(This sire is also a registered Holstein "Genodale Ormsby Nig Successor 773861." Proved Sire data included in Holstein listing.)

MASTER CALAMITY RAG APPLE 1102
(This sire is also a registered Holstein "Master Calamity Rag Apple 873586." Proved Sire data included in Holstein listing.)

OWEN'S PLACE MAMIE'S ADMIRAL 177
(This sire is also a registered Guernsey "Owen's Place Mamie's Admiral 284706." Proved Sire data included in Guernsey listing.)

RANDLEIGH FON VICTOR 1323
(This sire is also a registered Jersey "Randleigh Fon Victor 408346." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 25, No. 11

November 1949

LACTATION (718) REPORTS IMPROVING

Association supervisors are reporting lactation data (718 reports) with fewer errors and discrepancies than ever before. This improvement in reporting is doubtless the result of the more thorough training and supervision that the association supervisors are now receiving. Credit must also go to the supervisors themselves, who obviously are recognizing the importance of the DHIA Proved-Sire Program and are making an effort to report data which will make it possible to operate the program effectively.

Although the quality of the 718 reports has improved appreciably, 5 percent of the reports (1 report in 20) are still being rejected and returned to the supervisors because the data are incomplete or inaccurate. Rejected records result in lost time and effort on the part of the supervisors. The more common causes for records being rejected are listed below:

(1) Incomplete records.
- (a) Sire and dam information omitted.
- (b) Birth date omitted.
- (c) Number of days in milk omitted.

(2) Inaccurate reports.
- (a) Digits omitted or transposed in identification numbers. Letter prefixes of eartag numbers omitted.
- (b) Birth date reported for calving date, and vice versa. The current date (date record is reported) is frequently reported for a birth or calving date.
- (c) Lactation for more than 305 days reported.
- (d) Birth dates and calving dates reported not consistent with data reported previously.

(3) Illegible reports.
- (a) Poor writing, both letters and figures. Reports must be written plainly (printed if necessary) so that anyone not familiar with the supervisor's handwriting can read the reports correctly.

(4) Miscellaneous.
- (a) Duplicate records - Records reported a second time, but different from records reported previously for the same freshening.
- (b) Private eartag numbers reported. Because of duplication, private eartag numbers cannot be used.

Most of the errors and omissions in reports can be avoided if supervisors will take a few seconds to check the reports and see that the data are complete and accurate. Reasonable care will produce writing that can be read correctly. Just a little extra time and effort spent in making out a report will eliminate the possibility of it being rejected because of incompleteness and discrepancies.

DHIA PROVED-SIRE RECORDS TABULATED IN OCTOBER 1949

Following is a list of 272 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in October 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BAKER FARM SURETY BOND 61601----------	8 daughters--	14	7,537	4.2	313
Born, 5-29-39; proved, 10-26-49;----; Pa.	5 daughters--	9	7,514	4.2	314
Sire, 57157; dam, 191404.	5 dams-------	10	8,964	4.1	364
Herd Owner, Tom W. Crittenden, Mansfield.	Difference---	(0-4-0)	-1,450	+.1	-50
BLEND'S COMMANDO OF BRYANT FARM 71763 *13----------	10 daughters-	12	8,878	4.4	392
Born, 6-27-42; proved, 10-25-49;----; Mass.	10 dams------	40	9,356	4.1	385
Sire, 65610; dam, 163664.	Difference---	(5-7-5)	-478	+.3	+7
Used in Massachusetts A. B. A., Inc.					
CACAPON SIR ROBERT 32D 46275----------	13 daughters-	22	8,363	3.9	326
Born, 9-7-32; proved, 10-19-49;----; Md.	6 daughters--	8	8,127	3.9	317
Sire, 20029; dam, 82131.	6 dams-------	10	7,429	3.9	286
Herd Owner, Edward F. Stanfield, Randallstown.	Difference---	(4-3-3)	+698	.0	+31
CORNELL PROUD EARLE 71655----------	7 daughters--	8	8,747	3.9	341
Born, 8-30-42; proved, 10-24-49;----; R. I.	7 dams-------	21	9,472	3.9	374
Sire, 59988; dam, 227343.	Difference---	(3-5-3)	-725	.0	-33
Herd Owner, Lawrence Records, Exeter.					
DANDY'S LASTING MAN 61046 *12----------	19 daughters-	41	8,449	4.1	350
Born, 10-10-38; proved, 10-26-49;----; Maine.	17 daughters-	37	8,438	4.2	354
Sire, 43060; dam, 185284.	17 dams------	39	7,977	3.8	304
Used in Maine Co-op. A. B. A.	Difference---	(12-15-14)	+461	+.4	+50
DESERT CREST'S BRIGHT LAD 68746----------	9 daughters--	16	7,831	4.1	322
Born, 9-25-41; proved, 10-25-49;----; Iowa.	6 daughters--	10	7,159	4.1	291
Sire, 60169; dam, 224781.	6 dams-------	16	8,078	3.8	308
Herd Owner, John R. Knepp, Iowa City.	Difference---	(3-5-3)	-919	+.3	-17
FAIR MEADOWS DAIRY DAN DOUGLAS 74893----------	8 daughters--	8	10,069	4.2	419
Born, 4-7-43; proved, 10-18-49;----; N. Y.	5 daughters--	5	10,737	4.0	427
Sire, 52018; dam, 219427.	5 dams-------	13	11,120	4.3	477
Herd Owner, Frederick A. Buell, Holcomb.	Difference---	(3-1-3)	-383	-.3	-50
FOREST VU RED WARRIOR 75818----------	9 daughters--	9	8,838	4.6	406
Born, 12-1-43; proved, 10-17-49; alive; Md.	9 dams-------	24	8,753	4.3	380
Sire, 66190; dam, 245157.	Difference---	(2-7-5)	+85	+.3	+26
Herd Owner, Cyrus L. Strite, Hagerstown.					
FOREST VU STAR CAESAR 71029----------	7 daughters--	8	9,678	4.1	393
Born, 8-15-42; proved, 10-25-49;----; Md.	5 daughters--	6	10,210	4.0	412
Sire, 61693; dam, 195775.	5 dams-------	9	8,187	3.9	322
Herd Owner, Howard F. Streaker, West Friendship.	Difference---	(4-3-5)	+2,023	+.1	+90
GLEN ALMUS DOUGLAS 69194----------	12 daughters-	13	8,843	4.3	379
Born, 1-5-42; proved, 10-24-49;----; Pa.	11 daughters-	12	8,845	4.3	384
Sire, 55169; dam, 184368.	11 dams------	55	8,246	4.3	351
Herd Owner, George L. Rice & Son, Dallas.	Difference---	(8-8-7)	+599	.0	+33
GLEN URQUHART ROYAL PRINCE 73066----------	7 daughters--	10	8,547	4.2	355
Born, 2-24-43; proved, 10-11-49;----; Wis.	6 daughters--	9	8,584	4.2	360
Sire, 65722; dam, 258012.	6 dams-------	11	10,716	3.8	408
Herd Owner, Julius Mayer & Son, Reedsburg.	Difference---	(0-6-1)	-2,132	+.4	-48
METROPOLITAN TRAVELLER 18TH 52597----------	19 daughters-	28	7,296	4.2	310
Born, 10-22-35; proved, 10-13-49;----; N. Y.	7 daughters--	8	7,064	4.3	304
Sire, 25943; dam, 148958.	7 dams-------	16	9,024	4.0	357
Herd Owner, Seymour Trask, Otego.	Difference---	(1-5-2)	-1,960	+.3	-53
MICHIGAN LONE LINDY 64442----------	6 daughters--	9	8,755	3.9	337
Born, 6-20-40; proved, 10-13-49; dead; Mich.	5 daughters--	7	8,329	4.0	329
Sire, 35953; dam, 189203.	5 dams-------	7	9,892	3.5	345
Herd Owner, Oliver Miller, Mackinaw City.	Difference---	(1-5-3)	-1,563	+.5	-16
OHIO SUNNY HIRAM 73684----------	5 daughters--	5	10,238	4.4	447
Born, 4-22-43; proved, 10-11-49;----; Pa.	5 dams-------	21	9,865	4.1	404
Sire, 48748; dam, 237638.	Difference---	(3-4-3)	+373	+.3	+43
Herd Owner, Blackwood Farms, Douglassville.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
PENSHURST HIRAM 48748 *8----------	80 daughters-	209	8,600	3.9	331
Born, 4-20-34; proved, 10-10-49; alive; Mich.	42 daughters-	102	8,857	3.9	341
Sire, 43060; dam, 131381.	42 dams------	134	8,288	3.9	324
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(27-26-24)	+[illegible]	.0	+21
REYMANN ADVOCATE 3D (TWIN) 69079 *13----------	11 daughters-	13	8,709	4.3	[illegible]70
Born, 1-20-42; proved, 10-25-49; dead; W. Va.	11 dams------	51	8,841	4.0	[illegible]
Sire, 63071; dam, 183189.	Difference---	(5-9-7)	-132	+.3	+16
Used in West Virginia Co-op. A. B. A.					
REYMANN LINDY 4TH 66566 *13----------	16 daughters-	18	[illegible]	4.[illegible]	[illegible]
Born, 3-24-41; proved, 10-12-49; alive; Pa.	14 daughters-	16	10,299	[illegible]	[illegible]
Sire, 35953; dam, 148107.	14 dams------	62	[illegible]	4.1	377
Used in Nepa Co-op. A. B. A.	Difference---	(11-12-12)	+1,160	+.2	+68
REYMANN LINDY 7TH (TWIN) 67314 *13----------	12 daughters-	18	8,874	4.4	395
Born, 6-21-41; proved, 10-19-49;----; Ohio.	10 daughters-	16	9,045	4.5	403
Sire, 35953; dam, 142004.	10 dams------	40	8,623	4.0	[illegible]
Herd Owner, Joseph J. McConnell, Wellington.	Difference---	(6-10-9)	+4[illegible]	+.5	[illegible]
RICHBARON MAN O'WAR 61758----------	10 daughters-	16	9,245	4.3	[illegible]
Born, 1-13-39; proved, 10-18-49;----; Md.	5 daughters--	7	9,569	4.3	413
Sire, 51943; dam, 160345.	5 dams-------	10	10,253	4.1	423
Herd Owner, Amos Hostetter, Hagerstown.	Difference---	(2-3-2)	-684	+.2	-10
ROSELAWN DOT'S O'KING 68482 *13----------	11 daughters-	16	8,043	4.0	318
Born, 6-19-41; proved, 10-11-49;----; N. Y.	9 daughters--	14	8,150	3.9	319
Sire, 56585; dam, 178663.	9 dams-------	29	8,619	4.0	344
Used in Nepa Co-op. A. B. A., Pa.	Difference---	(5-4-4)	-469	-.1	-25
SOONER DOUGLAS CHAMPION 65956----------	6 daughters--	7	7,711	3.6	276
Born, 12-29-40; proved, 10-25-49;----; Okla.	5 daughters--	6	7,460	3.6	267
Sire, 55282; dam, 205177.	5 dams-------	11	8,986	3.9	349
Herd Owner, Herman J. Stabe, Lahoma.	Difference---	(1-0-0)	-1,526	-.3	-82
SPRING CRESS MR. LIBERTY 64899----------	5 daughters--	9	7,362	4.2	307
Born, 8-6-40; proved, 10-18-49;----; Pa.	5 dams-------	15	6,787	4.0	272
Sire, 55196; dam, 178277.	Difference---	(3-5-3)	+575	+.2	+35
Herd Owner, Ponfeigh Farm, Berlin.					
STRATHGLASS BROWN PILGRIM 65372----------	25 daughters-	36	7,278	4.1	296
Born, 10-4-40; proved, 10-24-49;----; N. Y.	17 daughters-	25	7,253	4.1	297
Sire, 51653; dam, 187124.	17 dams------	34	8,039	4.0	323
Herd Owner, Francis B. Gilbert, Stamford.	Difference---	(7-11-4)	-786	+.1	-26
STRATHGLASS DOUGLAS LADDIE 61650----------	8 daughters--	10	[illegible]	3.[illegible]	292
Born, 6-3-39; proved, 10-18-49;----; Ind.	7 daughters--	9	[illegible]	3.9	301
Sire, 41921; dam, 102766.	7 dams-------	11	[illegible],706	4.0	[illegible]
Herd Owner, Dr. W. R. & Fred L. Morrison, Kokomo.	Difference---	(5-3-5)	+2,015	-.1	+70
WHITPAIN HANDSOME MAN 71970----------	6 daughters--	7	6,960	4.3	302
Born, 6-29-42; proved, 10-25-49;----; Mass.	6 dams-------	15	7,608	4.2	322
Sire, 43060; dam, 174114.	Difference---	(3-5-3)	-648	+.1	-20
Herd Owner, Dalecroft Farm, Plymouth.					
WHITPAIN ROYAL BUGLEMAN 70288 *13----------	16 daughters-	21	8,549	4.2	361
Born, 12-30-41; proved, 10-27-49; alive; Pa.	14 daughters-	18	8,609	4.2	366
Sire, 43060; dam, 199133.	14 dams------	55	7,510	4.0	301
Used in Maryland Co-op. A. B. A., Inc., Md.	Difference---	(10-12-12)	+1,099	+.2	+65

BROWN SWISS SIRES

ANNIE'S BETTY BARON J. B. 43385----------	7 daughters--	7	10,116	4.1	411
Born, 4-7-39; proved, 10-12-49;----; S. C.	6 daughters--	6	9,777	4.2	409
Sire, 34504; dam, 56822.	6 dams-------	19	8,735	4.0	351
Herd Owner, W. T. McClure, Westminster.	Difference---	(5-5-5)	+1,042	+.2	+58
B. F. 'S JEAN'S CROSSBOW 51258 *13----------	10 daughters-	19	12,981	3.9	510
Born, 5-12-41; proved, 10-26-49;----; Ill.	9 daughters--	17	12,828	3.9	506
Sire, 45594; dam, 55664.	9 dams-------	25	11,514	3.9	446
Used in Northern Illinois Co-op. A. B. A.	Difference---	(8-6-8)	+1,314	0	+60
BONNIE'S FERDNAND OF STANSWISS 58918 *13----------	11 daughters-	25	10,292	4.1	[illegible]
Born, 3-7-39; proved, 10-7-49;----; N. Y.	10 daughters-	24	10,556	4.1	[illegible]
Sire, 30157; dam, 103545.	10 dams------	41	10,731	4.1	[illegible]
Herd Owner, Stanswiss Farm, Canandaigua.	Difference---	(4-4-5)	-175	.0	-2
CHALLENGER'S FAVORITE'S NICKY 47682----------	7 daughters--	9	9,573	4.0	379
Born, 11-2-39; proved, 10-7-49; dead; Ill.	6 daughters--	7	9,023	4.0	363
Sire, 39130; dam, 71479.	6 dams-------	21	10,129	4.0	409
Herd Owner, W. A. Eisenhower, Lena.	Difference---	(3-3-2)	-1,106	.0	-46

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CORNELL COLUMBUS LADDIE 51675 *13----------	7 daughters--	12	10,845	4.0	436
Born, 8-22-41; proved, 10-11-49; alive; N. Y.	7 dams-------	33	10,339	3.9	404
Sire, 40111; dam, 42174.	Difference---	(4-6-5)	+506	+.1	+32
Used in Northern Ohio Co-op. A. B. A., Ohio.					
DONNA SYLVIA BOY 47675----------	8 daughters--	14	8,915	4.1	366
Born, 1-24-40; proved, 10-11-49; dead; Mo.	8 dams-------	25	7,445	3.9	293
Sire, 37854; dam, 46670.	Difference---	(6-6-7)	+1,470	+.2	+73
Herd Owner, Henry G. LePage, Jefferson City.					
JUDD'S BRIDGE HARBINGER 57699----------	7 daughters--	7	11,096	4.2	470
Born, 9-26-42; proved, 10-24-49; alive; Ohio.	7 dams-------	12	10,292	4.1	421
Sire, 48672; dam, 62285.	Difference---	(3-4-5)	+804	+.1	+49
Herd Owner, Paul E. Dirkson, Kenton.					
KATE'S PHEIFER JANE 53001----------	7 daughters--	12	10,612	4.2	441
Born, 9-23-41; proved, 10-26-49; alive; Mo.	6 daughters--	10	10,635	4.2	443
Sire, 43176; dam, 67125.	6 dams-------	16	8,268	4.0	332
Herd Owner, Al Markway & Sons, Jefferson City.	Difference---	(5-4-5)	+2,367	+.2	+111
LEE'S HILL WHIRLAWAY 52640----------	8 daughters--	10	10,183	4.3	440
Born, 11-27-41; proved, 10-24-49;----; Conn.	6 daughters--	8	10,475	4.4	456
Sire, 31653; dam, 72852.	6 dams-------	13	9,567	4.2	399
Herd Owner, Louis R. Ripley, Litchfield.	Difference---	(5-4-6)	+908	+.2	+57
MARLENE'S KEEPER J. B. 43743----------	14 daughters-	17	8,030	4.0	318
Born, 5-21-39; proved, 10-13-49; dead; Oreg.	6 daughters--	8	8,080	4.1	330
Sire, 31653; dam, 53450.	6 dams-------	9	8,148	3.9	314
Herd Owner, Christ Schlunegger, Portland.	Difference---	(4-4-4)	-68	+.2	+16
OAKLAND ROYAL BOY B. 54005----------	8 daughters--	9	9,817	4.0	394
Born, 3-19-42; proved, 10-26-49; dead; Mo.	7 daughters--	7	10,056	4.0	404
Sire, 41109; dam, 78528.	7 dams-------	26	7,608	4.0	306
Herd Owner, Henry G. LePage, Jefferson City.	Difference---	(6-3-6)	+2,448	.0	+98
ROYAL'S TATLER OF LEE'S HILL 58687----------	7 daughters--	8	8,791	4.6	405
Born, 12-24-42; proved, 10-25-49;----; Wis.	7 dams-------	27	12,552	4.1	513
Sire, 28594; dam, 52215.	Difference---	(1-7-1)	-3,761	+.5	-108
Herd Owner, Wesley Newhouse, Kaukauna.					
ROYAL V. B. 3D 54601----------	5 daughters--	6	10,476	4.1	427
Born, 8-6-41; proved, 10-27-49;----; Wis.	5 dams-------	14	9,310	4.0	371
Sire, 47090; dam, 78884.	Difference---	(3-2-4)	+1,166	+.1	+56
Herd Owner, Rudolph Gehler, Jr., Watertown.					
SALLIE'S KEEPER J. B. 43486----------	9 daughters--	15	8,726	4.0	347
Born, 2-26-39; proved, 10-24-49;----; Wis.	9 dams-------	42	8,463	4.1	350
Sire, 31653; dam, 49559.	Difference---	(6-4-5)	+263	-.1	-3
Herd Owner, Emmett G. Leach, Burlington.					
SEDGELEY CARL 50707----------	6 daughters--	7	8,057	4.1	328
Born, 8-5-40; proved, 10-10-49;----; Wis.	6 dams-------	29	9,125	3.9	359
Sire, 35044; dam, 63517.	Difference---	(2-4-2)	-1,068	+.2	-31
Herd Owner, Emil J. Jensen, Menomonie.					

GUERNSEY SIRES

ALFACREST'S Q. V. CHALLENGER 273978 *12----------	20 daughters-	46	7,888	4.7	375
Born, 6-22-38; proved, 10-7-49; dead; Ohio.	13 daughters-	31	8,757	4.7	411
Sire, 248732; dam, 430143.	13 dams------	49	8,434	4.6	390
Herd Owner, Dr. Charles P. Adkins, Coldwater.	Difference---	(9-10-9)	+323	+.1	+21
BETHANY MANCHESTER 267015 *12----------	17 daughters-	34	6,932	4.8	333
Born, 8-17-38; proved, 10-12-49; dead; Pa.	16 daughters-	32	6,986	4.8	337
Sire, 204359; dam, 396064.	16 dams------	25	8,154	4.9	403
Herd Owner, Henry White, Birchrunville.	Difference---	(0-6-1)	-1,168	-.1	-66
BLAKEFORD PADDY 323659----------	5 daughters--	8	7,100	4.7	333
Born, 7-6-42; proved, 10-12-49; alive; Md.	5 dams-------	10	6,985	4.4	307
Sire, 256253; dam, 501081.	Difference---	(3-5-3)	+115	+.3	+26
Herd Owner, John Fuchs, Ridgely.					
BLAKEFORD RUBEN 271650 *13----------	17 daughters-	26	7,482	4.8	357
Born, 3-29-39; proved, 10-26-49; dead; Md.	10 daughters-	15	7,333	4.8	353
Sire, 216197; dam, 326804.	10 dams------	26	8,071	4.9	399
Herd Owner, William A. Fouche & C. C. C. Thomas, Adamstown.	Difference---	(3-5-3)	-738	-.1	-46
BOULDER BRIDGE CLIMAX 340810----------	6 daughters--	8	9,290	4.8	442
Born, 1-7-43; proved, 10-19-49;----; Iowa.	5 daughters--	6	9,685	4.7	459
Sire, 235690; dam, 274611.	5 dams-------	13	9,939	4.8	432
Herd Owner, Iowa State College Dairy Farm, Ames.	Difference---	(4-3-3)	+746	-.1	+27

GUERNSEY SIRES	Animals	[illegible] averaged	[illegible]	[illegible]	[illegible]
	Number	Number	[illegible]	Percent	Pounds
BRIAN BORU RELIANCE'S SONNY 266194 *12----------	23 daughters-	37	7,487	4.8	[illegible]
Born, 10-11-38; proved, 10-7-49; dead; N. J.	22 daughters-	54	[illegible]	4.8	364
Sire, 202806; dam, 415957.	22 dams------	63	7,658	4.7	[illegible]
Herd Owner, Tinsmanton Farms, Bloomsbury.	Difference---	(10-15-10)	-138	+.1	+8
CATHEDRAL PAL OF TWIN BIRCH 340985----------	5 daughters--	5	9,919	5.4	533
Born, 9-18-43; proved, 10-27-49;----; N. Y.	5 dams-------	20	9,886	5.0	490
Sire, 292017; dam, 649308.	Difference---	(4-3-4)	+33	+.4	+43
Used in New York Co-op. A. B. A., Inc.					
CESOR PENWYN'S REX 306528 *13----------	24 daughters-	41	8,815	4.8	423
Born, 12-24-40; proved, 10-10-49; dead; Wis.	21 daughters-	37	8,695	4.9	424
Sire, 254831; dam, 364436.	21 dams------	58	7,714	4.8	373
Herd Owner, Elmer C. Bock, Malone.	Difference---	(15-12-17)	+981	+.1	+51
CHAUTAUQUA RAMBLER 326463----------	5 daughters--	8	6,377	5.0	322
Born, 7-8-42; proved, 10-26-49;----; N. Y.	5 dams-------	16	8,766	4.7	408
Sire, 280604; dam, 751210.	Difference---	(0-5-1)	-2,389	+.3	-86
Used in New York Co-op. A. B. A., Inc.					
CHEDCO RELIANCE 264489 *13----------	18 daughters-	35	7,143	4.6	[illegible]
Born, 8-28-38; proved, 10-26-49;----; Wis.	10 daughters-	17	6,987	4.7	329
Sire, 211731; dam, 332673.	10 dams------	27	6,057	4.8	290
Used in Tri-State Co-op. A. B. A.	Difference---	(7-4-8)	+930	-.1	+39
COLDSPRING'S ROMULUS ADVOCATE 270694 *(Mar. 1949)----------	18 daughters-	36	7,234	4.8	346
Born, 12-15-38; proved, 10-17-49;----; Pa.	17 daughters-	33	7,178	4.8	345
Sire, 227598; dam, 505988.	17 dams------	64	7,703	4.8	367
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(6-9-6)	-525	.0	-22
CURTISS CANDY NATHAN 342140----------	6 daughters--	6	7,920	4.8	381
Born, 5-25-43; proved, 10-24-49;----; Ill.	6 dams-------	12	7,010	4.9	345
Sire, 271363; dam, 727909.	Difference---	(3-3-4)	+910	-.1	+36
Herd Owner, Carl M. Huck, Palatine.					
DICTATOR OF BEAVER DAM 294221----------	19 daughters-	40	9,243	4.2	391
Born, 9-9-40; proved, 10-24-49;----; Va.	19 dams------	50	7,896	4.3	[illegible]
Sire, 210614; dam, 375002.	Difference---	(16-8-15)	+1,337	-.1	+48
Herd Owner, N. L. Brown, Natural Bridge.					
EILEEN'S MASTERPIECE 266472 *10----------	12 daughters-	31	7,746	5.0	391
Born, 10-16-38; proved, 10-26-49; dead; Pa.	12 dams------	46	9,345	4.6	426
Sire, 214299; dam, 419225.	Difference---	(1-10-4)	-1,599	+.4	-35
Herd Owner, Silver Lake Farm, Norristown.					
FAIRLAWN L. FEDERAL 312081----------	7 daughters--	9	10,389	4.8	499
Born, 11-28-41; proved, 10-10-49; dead; Ind.	5 daughters--	7	10,641	4.9	518
Sire, 264920; dam, 544253.	5 dams-------	8	7,272	5.2	376
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(5-2-5)	+3,369	-.3	+142
FERN'S BONNY LAD 266471 *(Apr. 1949)----------	31 daughters-	67	8,530	4.7	400
Born, 6-6-38; proved, 10-12-49; alive; Pa.	30 daughters-	63	8,514	4.7	398
Sire, 214299; dam, 462329.	30 dams------	142	8,297	4.9	405
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(17-10-15)	+217	-.2	-7
FRANCHESTER SCIMETER 274513 *10----------	28 daughters-	57	8,710	4.7	413
Born, 11-14-38; proved, 10-19-49;----; Ind.	25 daughters-	54	8,903	4.7	421
Sire, 97043; dam, 416887.	25 dams------	64	8,577	4.8	413
Herd Owner, Claude L. Mangas, Union City.	Difference---	(15-11-13)	+326	-.1	+8
FRANCHESTER SEIGNOR 277420 *12----------	60 daughters-	100	6,954	4.9	343
Born, 3-14-39; proved, 10-12-49;----; Iowa.	53 daughters-	89	6,949	4.9	344
Sire, 97043; dam, 396299.	53 dams------	167	7,450	4.5	337
Herd Owner, Stevens & Miller, Ottumwa.	Difference---	(20-44-26)	-501	+.4	+7
FRANCOIS HATTIE'S GABBY 274866----------	7 daughters--	9	8,002	5.3	422
Born, 1-11-39; proved, 10-26-49;----; Ill.	5 daughters--	7	7,844	5.3	416
Sire, 202245; dam, 411571.	5 dams-------	8	8,021	5.1	407
Herd Owner, Hal O. Norris, Norris City.	Difference---	(2-3-3)	-177	+.2	+9
GOLDEN CRESCENT POINTER 323994----------	8 daughters--	9	6,760	4.9	333
Born, 9-16-42; proved, 10-19-49;----; Wis.	6 daughters--	7	6,844	4.8	326
Sire, 292106; dam, 543317.	6 dams-------	20	7,795	4.7	369
Herd Owner, George Bierman, Ogema.	Difference---	(1-4-0)	-951	+.1	-43
GOOSE VALLEY LADDIE 306512 *13----------	12 daughters-	16	8,614	5.1	443
Born, 4-24-41; proved, 10-12-49; alive; Pa.	10 daughters-	14	8,815	5.2	459
Sire, 236861; dam, 410948.	10 dams------	51	8,526	5.0	425
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(8-7-9)	+289	+.2	+34
GREEN MEADS COUNTY VALIANT 288160 *13----------	10 daughters-	17	6,682	4.7	313
Born, 1-11-40; proved, 10-25-49;----; Minn.	10 dams------	33	6,257	4.9	305
Sire, 216866; dam, 449472.	Difference---	(5-2-5)	+425	-.2	+8
Used in Northwest Minnesota A. B. A.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GREEN MEADS NORTHERNER 271184 *13----------	23 daughters-	34	8,425	4.8	407
Born, 9-7-38; proved, 10-27-49;----; Mich.	17 daughters-	27	8,344	4.8	403
Sire, 196128; dam, 276140.	17 dams------	29	8,276	4.9	404
Herd Owner, Harry Baumunk & Son, Big Rapids.	Difference---	(7-10-6)	+68	-.1	-1
HILL GIRT TRIUMPH 338623----------	8 daughters--	10	7,985	5.1	410
Born, 1-5-43; proved, 10-14-49; dead; Ill.	6 daughters--	7	8,149	5.0	411
Sire, 251971; dam, 536555.	6 dams-------	15	8,123	5.0	405
Herd Owner, Herman's Farm, Antioch.	Difference---	(3-3-3)	+26	.0	+6
HILLTOP BUTTERFAT CHIEF 272919 *11----------	21 daughters-	32	10,118	4.6	469
Born, 1-9-39; proved, 10-26-49;----; Conn.	21 dams------	101	8,808	4.7	412
Sire, 240324; dam, 361541.	Difference---	(16-10-16)	+1,310	-.1	+57
Herd Owner, William C. Child & H. D. Young, Woodstock.					
HILLTOP BUTTERFAT VAGABOND 293365----------	7 daughters--	7	5,778	4.7	273
Born, 7-25-40; proved, 10-27-49;----; Pa.	7 dams-------	32	6,100	4.8	293
Sire, 148228; dam, 295215.	Difference---	(2-3-2)	-322	-.1	-20
Herd Owner, Dream Valley Farm, Parkers Landing.					
IDYLBROOK CLEOPATRICK 350867----------	7 daughters--	7	9,276	4.9	452
Born, 2-13-44; proved, 10-7-49;----; N. Y.	7 dams-------	29	8,178	4.9	397
Sire, 170611; dam, 601167.	Difference---	(5-4-5)	+1,098	.0	+55
Herd Owner, C. Gage Robson, Geneva.					
LADDERLOOK VERITABLE 285172----------	7 daughters--	10	8,000	4.8	386
Born, 10-17-39; proved, 10-26-49;----; Mass.	5 daughters--	6	7,805	4.8	371
Sire, 208672; dam, 447415.	5 dams-------	9	7,298	4.8	351
Herd Owner, Richard E. Field, South Ashfield.	Difference---	(3-3-2)	+507	.0	+20
LANGWATER HILARIOUS 288591----------	11 daughters-	16	10,935	4.6	499
Born, 1-18-40; proved, 10-12-49;----; Pa.	7 daughters--	10	11,677	4.5	531
Sire, 259848; dam, 424727.	7 dams-------	10	9,225	4.6	421
Herd Owner, John N. Matthews, Gardenville.	Difference---	(4-3-4)	+2,452	-.1	+110
LEA HAVEN'S SUPERO'S GODFREY 315806----------	14 daughters-	18	7,847	4.9	387
Born, 3-16-41; proved, 10-13-49;----; Pa.	13 daughters-	17	7,819	5.0	387
Sire, 260091; dam, 463059.	13 dams------	43	7,871	4.8	377
Herd Owner, Clarence E. Witmer, Dalmatia.	Difference---	(7-8-7)	-52	+.2	+10
MCDONALD FARMS DAUNTLESS 267458 *10----------	16 daughters-	41	9,698	4.4	428
Born, 5-24-38; proved, 10-25-49;----; N. Y.	15 daughters-	40	9,662	4.4	426
Sire, 212227; dam, 401191.	15 dams------	76	9,322	4.8	449
Herd Owner, Wychmere Farm, Ontario.	Difference---	(11-0-5)	+340	-.4	-23
MCDONALD FARMS DICTATOR 267271 *13----------	16 daughters-	29	7,110	4.6	330
Born, 8-14-38; proved, 10-26-49; dead; Md.	16 dams------	81	7,523	4.6	348
Sire, 212227; dam, 381986.	Difference---	(5-8-5)	-413	.0	-18
Herd Owner, J. Herbert Snyder, Union Bridge.					
MCDONALD FARMS DON JUAN 267272 *13----------	10 daughters-	21	9,171	4.6	421
Born, 10-11-38; proved, 10-26-49; dead; Pa.	9 daughters--	20	9,068	4.6	418
Sire, 212939; dam, 498621.	9 dams-------	22	8,819	4.7	417
Herd Owner, Alvin C. Sutliff, Benton.	Difference---	(5-4-4)	+249	-.1	+1
OLD HOMESTEAD ADMIRAL 344841----------	5 daughters--	5	9,758	5.1	497
Born, 10-29-43; proved, 10-26-49;----; N. Y.	5 dams-------	9	8,501	4.8	407
Sire, 223971; dam, 676669.	Difference---	(3-5-4)	+1,257	+.3	+90
Used in New York Co-op. A. B. A., Inc.					
PARKER'S VIEW GEM'S CONRAD 281901 *11----------	13 daughters-	28	8,858	5.1	453
Born, 6-6-38; proved, 10-11-49;----; Pa.	11 daughters-	25	8,746	5.2	451
Sire, 210014; dam, 409419.	11 dams------	44	8,696	5.4	472
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(6-5-4)	+50	-.2	-21
PINEBROOK HIBOY 263151 *11----------	36 daughters-	92	9,010	5.1	463
Born, 2-16-38; proved, 10-17-49;----; Pa.	32 daughters-	80	9,164	5.1	468
Sire, 161961; dam, 390869.	32 dams------	149	9,808	4.9	483
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(10-24-16)	-644	+.2	-15
PRINCE VICTOR OF WAVERLY 292152----------	5 daughters--	6	7,304	5.1	372
Born, 6-28-40; proved, 10-26-49;----; Pa.	5 dams-------	17	7,170	5.2	371
Sire, 263875; dam, 303409.	Difference---	(3-2-3)	+134	-.1	+1
Herd Owner, Clarence R. Hack, Berwick.					
QUAIL ROOST KING CAVALIER 282031----------	10 daughters-	11	8,381	5.4	450
Born, 10-14-39; proved, 10-24-49;----; N. C.	7 daughters--	8	7,789	5.5	428
Sire, 215828; dam, 394816.	7 dams-------	8	7,518	4.9	371
Herd Owner, Hillandale Dairy, Durham.	Difference---	(3-6-5)	+271	+.6	+57
RAEMELTON YANKEE 222777----------	21 daughters-	31	8,479	4.8	406
Born, 3-20-34; proved, 10-25-49; dead; Ohio.	5 daughters--	5	10,368	4.8	494
Sire, 199077; dam, 359360.	5 dams-------	7	8,305	4.7	387
Herd Owner, C. B. Heifner & Son, Sullivan.	Difference---	(5-3-5)	+2,063	+.1	+107

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
RIEGELDALE ILLUSTRIOUS BENJAMIN 279858----------	9 daughters--	10	8,481	5.2	44[illegible]
Born, 2-5-39; proved, 10-19-49; alive; N. C.	6 daughters--	7	8,371	5.3	44[illegible]
Sire, 153835; dam, 411126.	6 dams-------	8	7,322	5.0	370
Herd Owner, Hillandale Dairy, Durham.	Difference---	(4-5-5)	+1,049	+.3	+73
ROCKWOOD STAR 362599----------	6 daughters--	7	7,456	4.9	362
Born, 2-28-43; proved, 10-17-49;----; Va.	5 daughters--	6	7,512	4.9	366
Sire, 275637; dam, 696542.	5 dams-------	20	7,282	5.0	362
Herd Owner, Samuel H. Bell, Dublin.	Difference---	(2-2-2)	+230	-.1	+4
SUNNY JIM OF ARROYO 268767 *12----------	18 daughters-	56	7,614	4.6	352
Born, 2-2-38; proved, 10-26-49; dead; W. Va.	18 dams-- ---	111	6,237	4.5	283
Sire, 228341; dam, 472468.	Difference---	(14-11-14)	+1,377	+.1	+69
Herd Owner, Bethany College Farm, Bethany.					
THIRLSTANE BARON 273136 *13----------	15 daughters-	34	7,872	4.9	384
Born, 1-4-39; proved, 10-18-49; alive; Maine.	9 daughters--	21	7,610	4.9	370
Sire, 252964; dam, 509497.	9 dams-------	36	7,367	4.8	355
Used in Maine Co-op. A. B. A.	Difference---	(4-5-5)	+243	+.1	+15
VAGABOND OF WHITE HALL 273047 *12----------	20 daughters-	40	7,272	4.5	329
Born, 2-6-39; proved, 10-11-49;----; Pa.	18 daughters-	37	7,379	4.6	336
Sire, 231275; dam, 396819.	18 dams------	61	7,158	4.8	341
Herd Owner, J. Harlan Frantz, Waynesboro.	Difference---	(11-6-9)	+221	-.2	-5
VAL'S SUPREME OF PINE GROVE 337136----------	5 daughters--	5	8,899	4.5	404
Born, 3-27-43; proved, 10-27-49;----; Md.	5 dams-------	14	7,033	4.9	342
Sire, 206529; dam, 465725.	Difference---	(5-1-5)	+1,866	-.4	+62
Herd Owner, John H. Hull, Westminster.					
VICAR D. OF FARETTI'S FARM 311207 *(Sept. 1949)----------	22 daughters-	24	7,903	5.0	395
Born, 8-4-41; proved, 10-25-49;----; Calif.	22 dams------	73	6,870	4.7	325
Sire, 286590; dam, 618345.	Difference---	(16-15-17)	+1,033	+.3	+70
Used in California Dairy A. B. A., Inc.					
WALNUT MANOR OSCAR 295425----------	8 daughters--	10	8,015	5.[illegible]	440
Born, 7-21-40; proved, 10-26-49;----; Mich.	6 daughters--	8	8,059	5.4	45[illegible]
Sire, 203591; dam, 434523.	6 dams-------	15	7,763	5.4	422
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-5-4)	+296	+.2	+31
WANDAMERE ANSON'S DOUGLAS 309973----------	9 daughters--	14	9,762	4.7	462
Born, 10-19-41; proved, 10-11-49;----; Oreg.	5 daughters--	7	9,768	4.7	456
Sire, 298155; dam, 480444.	5 dams-------	10	8,414	4.7	394
Herd Owner, Staehley Brothers, Oregon City.	Difference---	(5-4-5)	+1,354	.0	+62
WERN'S MUIROC'S PENNY-COUNTER 268139----------	12 daughters-	12	7,130	5.1	362
Born, 6-23-38; proved, 10-27-49;----; Minn.	11 daughters-	11	7,363	5.1	374
Sire, 197139; dam, 314784.	11 dams------	42	6,975	5.0	352
Used in Central Minnesota A. B. A.	Difference---	(7-6-7)	+388	+.1	+22
WESCLAIR MONOGRAM 286166----------	10 daughters-	23	8,370	5.0	422
Born, 4-22-37; proved, 10-24-49;----; Wash.	6 daughters--	13	8,577	5.1	435
Sire, 219065; dam, 421752.	6 dams-------	34	8,927	5.0	443
Herd Owner, Mrs. Hannah Ekstran, Bow.	Difference---	(2-6-3)	-350	+.1	-8
23*K35667 (BANGS OR TB EARTAG) *10----------	20 daughters-	76	6,495	4.3	281
Born, - -34; proved, 10-12-49; dead; Pa.	12 daughters-	37	6,190	4.3	267
Sire, ----; dam, ----.	12 dams------	27	6,176	4.3	266
Herd Owner, Steve Lalich & Philip Gregcevich, West Hickory.	Difference---	(5-7-8)	+14	.0	+1

HOLSTEIN SIRES

ADEQUATE CAPTAIN LAKEFIELD PONTIAC 862525----------	11 daughters-	11	12,014	3.7	445
Born, 11-28-42; proved, 10-25-49;----; Pa.	6 daughters--	6	11,751	3.7	437
Sire, 698278; dam, 1813127.	6 dams-------	6	14,902	3.6	537
Herd Owner, Irwin M. Macafee, Milan.	Difference---	(0-3-1)	-3,151	+.1	-100
ADMIRAL BURKE JOHANNA LAD 913955----------	6 daughters--	6	13,054	3.6	464
Born, 2-22-44; proved, 10-14-49;----; Wis.	5 daughters--	5	13,759	3.5	486
Sire, 816621; dam, 2019351.	5 dams-------	13	12,481	3.3	412
Herd Owner, John Zoberlin, Plymouth.	Difference---	(3-4-4)	+1,278	+.2	+74
ADMIRAL DELLA CREAMELLE 883731----------	6 daughters--	7	14,059	3.2	456
Born, 5-10-43; proved, 10-19-49;----; Ill.	6 dams-------	25	13,893	3.4	477
Sire, 779713; dam, 1666532.	Difference---	(3-3-2)	+166	-.2	-21
Herd Owner, Buford Farms, Stockton.					
ADMIRAL JULE MCKINLEY 912432----------	5 daughters--	5	12,490	3.6	454
Born, 4-3-43; proved, 10-17-49;----; Wis.	5 dams-------	1[illegible]	9,329	3.9	359
Sire, 789081; dam, 1471515.	Difference---	(5-2-5)	+3,161	-.3	+95
Herd Owner, Jefferson County Asylum Farms, Jefferson.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AMES ADMIRAL VICTOR 873950----------	9 daughters--	9	13,694	3.4	472
Born, 12-25-42; proved, 10-13-49;----; Iowa.	8 daughters--	8	13,531	3.5	468
Sire, 787210; dam, 2202197.	8 dams-------	22	12,063	3.6	428
Herd Owner, Iowa State College Dairy Farm, Ames.	Difference---	(8-3-6)	+1,468	-.1	+40
BADGER BONNY FOBES CHIEFTAIN 902718----------	8 daughters--	8	11,467	3.6	410
Born, 1-30-44; proved, 10-24-49;----; Wis.	7 daughters--	7	11,404	3.6	409
Sire, 796226; dam, 1890894.	7 dams-------	24	11,716	3.6	423
Herd Owner, Walter J. Siemers, Cleveland.	Difference---	(2-4-2)	-312	.0	-14
BAKER FARM INVESTMENT 760679 *10----------	46 daughters-	84	11,585	3.5	406
Born, 7-11-38; proved, 10-7-49; alive; Maine.	35 daughters-	65	11,982	3.5	420
Sire, 608348; dam, 1393093.	35 dams------	92	11,960	3.5	420
Herd Owner, Vaughn E. Hurd, Thorndike.	Difference---	(18-18-21)	+22	.0	0
BALL FARM FOBES LOCHINVAR 900788----------	5 daughters--	5	14,588	3.6	526
Born, 1-24-44; proved, 10-17-49;----; Wis.	5 dams-------	15	12,716	3.6	458
Sire, 871953; dam, 1997702.	Difference---	(4-3-4)	+1,872	.0	+68
Herd Owner, O'Connell Brothers, Grimms.					
BELL CREST LAD AGAIN 856381----------	6 daughters--	6	10,169	3.9	394
Born, 7-11-42; proved, 10-12-49;----; Vt.	6 dams-------	17	9,483	3.9	373
Sire, 671272; dam, 1757776.	Difference---	(4-3-4)	+686	.0	+21
Herd Owner, Roy Wood, Pittsford.					
BOILING SPRINGS FORUM BECKY 772189 *12----------	25 daughters-	54	12,220	3.7	452
Born, 7-18-38; proved, 10-10-49;----; Pa.	25 dams------	125	12,598	3.5	445
Sire, 728853; dam, 1823525.	Difference---	(10-20-13)	-378	+.2	+7
Used in Southeastern Pennsylvania Co-op. A. B. A.					
BOY MAN-O-WAR HEILO 772107----------	7 daughters--	8	11,856	3.8	454
Born, 12-3-38; proved, 10-24-49;----; Wis.	6 daughters--	7	11,672	3.8	441
Sire, 739097; dam, 1735710.	6 dams-------	26	12,317	3.3	401
Herd Owner, Harry Marks, Mondovi.	Difference---	(3-6-4)	-645	+.5	+40
BOYS HOME CARDO 909482----------	8 daughters--	8	10,846	3.8	408
Born, 2-12-44; proved, 10-17-49;----; Wis.	7 daughters--	7	11,074	3.8	416
Sire, 845331; dam, 1882578.	7 dams-------	22	11,683	3.7	427
Herd Owner, House of Correction, Milwaukee.	Difference---	(3-5-3)	-609	+.1	-11
BRACKEL FARM MONTVIC COMBINATION 842851----------	5 daughters--	7	11,391	3.8	436
Born, 9-3-41; proved, 10-17-49;----; N. Y.	5 dams-------	15	9,855	3.4	339
Sire, 735114; dam, 1777311.	Difference---	(3-5-4)	+1,536	+.4	+97
Herd Owner, Ralph Davis, Homer.					
BROOK LODGE CLOTHILDE MATADOR 827768----------	10 daughters-	13	11,845	3.5	412
Born, 2-14-41; proved, 10-24-49;----; Md.	5 daughters--	5	12,735	3.5	442
Sire, 746315; dam, 2072254.	5 dams-------	7	9,570	3.3	315
Herd Owner, J. M. Howe, Olney.	Difference---	(4-3-5)	+3,165	+.2	+127
BUCKSTEAD FOBES ORMSBY TOM 841880----------	10 daughters-	15	10,232	3.6	369
Born, 1-22-42; proved, 10-25-49;----; Pa.	7 daughters--	11	9,813	3.6	353
Sire, 722015; dam, 1603583.	7 dams-------	21	10,773	3.6	389
Herd Owner, Harry B. Lent & Sons, Coudersport.	Difference---	(1-3-2)	-960	.0	-36
BURRILANE RUNYON GOVERNOR 851504----------	7 daughters--	10	14,926	3.6	534
Born, 6-5-42; proved, 10-13-49; dead; Idaho.	6 daughters--	9	15,363	3.6	555
Sire, 728789; dam, 2090894.	6 dams-------	23	13,949	3.3	460
Herd Owner, George L. Burri, Nampa.	Difference---	(5-6-6)	+1,414	+.3	+95
BUSTER BOY ORMSBY OF SCHRIERDALE 836433----------	8 daughters--	12	10,639	3.5	368
Born, 11-20-41; proved, 10-20-49;----; Iowa.	6 daughters--	9	10,918	3.4	371
Sire, 787346; dam, 1850682.	6 dams-------	19	11,261	3.4	378
Herd Owner, Harman D. Hartmon, Buffalo Center.	Difference---	(4-5-4)	+343	.0	-7
CARD FARM KORNDYKE RAG APPLE 778700 *13----------	35 daughters-	43	11,142	3.4	380
Born, 1-10-39; proved, 10-11-49;----; N. Y.	21 daughters-	28	11,014	3.4	374
Sire, 753676; dam, 1784120.	21 dams------	67	12,052	3.5	424
Used in Broome Co-op. A. B. A., Inc.	Difference---	(7-10-7)	-1,038	-.1	-50
CARNATION JOE HOMESTEAD MARSHALL 878274----------	5 daughters--	5	13,069	3.6	477
Born, 4-22-43; proved, 10-13-49;----; Wash.	5 dams-------	9	13,793	3.4	469
Sire, 629472; dam, 1972621.	Difference---	(1-5-3)	-724	+.2	+8
Herd Owner, H. L. Soames, Kent.					
CARNATION PEERLESS FAYNE 698483 *13----------	32 daughters-	42	11,658	3.4	395
Born, 4-14-34; proved, 10-11-49; dead; N. Y.	23 daughters-	31	11,863	3.4	405
Sire, 629480; dam, 1554602.	23 dams------	71	11,869	3.5	410
Used in Broome Co-op. A. B. A., Inc.	Difference---	(11-11-12)	-6	-.1	-5
CHAMPION JANNEK SPOFFORD OLLIE 757883 *13----------	29 daughters-	56	11,001	3.3	362
Born, 1-29-38; proved, 10-18-49; dead; Pa.	15 daughters-	25	11,924	3.3	395
Sire, 671582; dam, 1551254.	15 dams------	50	8,716	3.4	295
Herd Owner, Danville State Hospital, Danville.	Difference---	(12-5-11)	+3,208	-.1	+100

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CHEROKEE SIR OAKDALE THORN 811209----------	7 daughters--	10	8,882	3.7	331
Born, 11-30-40; proved, 10-12-49;----; Pa.	7 dams-------	21	8,736	3.5	307
Sire, 747641; dam, 2003346.	Difference---	(3-6-6)	+146	+.2	+24
Herd Owner, I. O. O. F. Home, Middletown.					
CHERRY RIDGE CHAUNCEY 898621 *(Mar. 1949)----------	29 daughters-	49	12,488	3.6	449
Born, 9-28-40; proved, 10-24-49; dead; Pa.	18 daughters-	29	12,676	3.6	458
Sire, 711100; dam, 1907288.	18 dams------	67	12,398	3.6	446
Used in Nepa Co-op. A. B. A.	Difference---	(10-11-8)	+278	.0	+12
CHIEF PIEBE COUNT GERB COLAN ONA 746074 *13----------	30 daughters-	85	13,342	3.5	470
Born, 10-24-36; proved, 10-26-49; alive; Pa.	24 daughters-	73	13,582	3.5	478
Sire, 444088; dam, 1573173.	24 dams------	125	14,151	3.5	494
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(9-13-10)	-569	.0	-16
COLONY JANNEK ORMSBY ROMEO (TWIN) 769006 *12----------	36 daughters-	61	10,836	3.4	370
Born, 10-18-37; proved, 10-10-49; dead; Ohio.	22 daughters-	45	11,480	3.4	390
Sire, 495741; dam, 223313 CHB.	22 dams------	81	12,534	3.3	412
Used in Central Ohio Co-op. A. B. A.	Difference---	(11-16-11)	-1,054	+.1	-22
COLSTINS POSCH TRITOMIA 871602----------	6 daughters--	6	11,923	3.5	416
Born, 10-5-42; proved, 10-13-49;----; Colo.	6 dams-------	16	11,151	3.5	388
Sire, 811214; dam, 1985921.	Difference---	(3-5-2)	+772	.0	+28
Herd Owner, Walter Duppman, Golden.					
CORNELL BLEND REPEATER 776652 *12----------	35 daughters-	72	11,922	3.4	405
Born, 8-20-38; proved, 10-12-49; alive; N. Y.	26 daughters-	51	11,680	3.4	394
Sire, 722643; dam, 1435427.	26 dams------	106	12,740	3.4	436
Used in Nepa Co-op. A. B. A., Pa.	Difference---	(10-15-9)	-1,060	.0	-42
DANDY JIM FAYNE 754990 *12----------	36 daughters-	77	10,686	3.4	367
Born, 2-19-38; proved, 10-17-49; dead; N. J.	36 dams------	154	11,710	3.3	391
Sire, 625555; dam, 1575239.	Difference---	(8-26-13)	-1,024	+.1	-24
Herd Owner, Reformatory, Annandale.					
DUKE DELLA ORMSBY 805971----------	12 daughters-	16	12,903	3.6	461
Born, 1-3-40; proved, 10-20-49; alive; Minn.	10 daughters-	13	13,028	3.6	465
Sire, 756406; dam, 1593119.	10 dams------	25	10,035	3.9	390
Herd Owner, C. H. Mueller & Sons, Lewiston.	Difference---	(7-4-7)	+2,993	-.3	+75
DUNLOGGIN ELMASTER 863709----------	7 daughters--	9	13,103	3.5	461
Born, 11-8-42; proved, 10-19-49; alive; Va.	7 dams-------	23	11,090	3.2	351
Sire, 667915; dam, 1820870.	Difference---	(5-6-6)	+2,013	+.3	+110
Herd Owner, Luck Brothers, Ashland.					
DUNLOGGIN GYPSIE ADMIRAL 760343----------	15 daughters-	23	10,921	3.2	348
Born, 7-18-38; proved, 10-13-49;----; Wis.	5 daughters--	8	11,091	3.2	357
Sire, 723898; dam, 1661822.	5 dams-------	10	10,534	3.4	356
Herd Owner, H. H. & B. R. Huggitt, Fall River.	Difference---	(3-1-2)	+557	-.2	+1
DUNLOGGIN OLIVER MATADOR 759507 *13----------	20 daughters-	34	10,385	3.2	333
Born, 5-23-38; proved, 10-19-49; dead; Pa.	15 daughters-	24	9,663	3.1	302
Sire, 724944; dam, 1765382.	15 dams------	72	11,223	3.3	376
Herd Owner, Edgar W. Weaner, Gettysburg.	Difference---	(3-4-3)	-1,560	-.2	-74
DUNLOGGIN SOVEREIGN 712337 *8----------	22 daughters-	102	13,451	3.6	490
Born, 4-29-35; proved, 10-17-49;----; Pa.	21 daughters-	99	13,610	3.6	495
Sire, 608222; dam, 1077726.	21 dams------	88	13,202	3.6	469
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(12-15-13)	+408	.0	+26
DUNLOGGIN X AFTON 849968----------	21 daughters-	27	10,480	3.7	389
Born, 4-14-42; proved, 10-13-49;----; N. Y.	17 daughters-	22	10,345	3.8	389
Sire, 793004; dam, 2067265.	17 dams------	39	12,004	3.6	435
Herd Owner, Daniel Grant, Afton.	Difference---	(4-13-6)	-1,659	+.2	-46
EARL BERTJUSCA JOHAN 851368----------	6 daughters--	10	11,953	3.7	440
Born, 5-29-41; proved, 10-13-49; dead; Mich.	5 daughters--	9	11,751	3.7	438
Sire, 799633; dam, 1793317.	5 dams-------	10	13,014	3.4	446
Herd Owner, A. F. Rueckert & Son, Grand Ledge.	Difference---	(1-4-1)	-1,263	+.3	-8
EAST BROOK COLAN-GERB ORMSBY 779723 *11----------	26 daughters-	55	11,021	3.6	400
Born, 12-17-38; proved, 10-25-49;----; Pa.	18 daughters-	43	11,357	3.6	411
Sire, 724447; dam, 1507425.	18 dams------	47	11,213	3.6	399
Used in Nepa Co-op. A. B. A.	Difference---	(8-13-9)	+144	.0	+12
EDELWEISS KING BESSIE DENE DESIGN 853901----------	7 daughters--	7	14,627	3.3	480
Born, 8-18-42; proved, 10-14-49;----; Mich.	6 daughters--	6	15,217	3.2	489
Sire, 695523; dam, 2129639.	6 dams-------	16	13,605	3.4	469
Herd Owner, Robert F. Robbins, Burr Oak.	Difference---	(4-0-4)	+1,612	-.2	+24
FARMINGTON SIR ORMSBY HENGERVELD 824402----------	7 daughters--	14	10,968	4.0	438
Born, 9-9-40; proved, 10-24-49; dead; Mo.	7 dams-------	23	12,701	3.9	499
Sire, 778015; dam, 1836931.	Difference---	(1-5-1)	-1,733	+.1	-61
Herd Owner, Schonhoff Dairy, Cape Girardeau.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FLOREM INKA HANDSOME 807400----------	7 daughters--	25	11,231	3.7	417
Born, 3-26-40; proved, 10-14-49;----; Ill.	5 daughters--	17	10,435	3.8	391
Sire, 620066; dam, 1749906.	5 dams-------	13	11,692	3.7	431
Herd Owner, Elroy Meyer, Roselle.	Difference---	(1-4-1)	-1,257	+.1	-40
FRUITLANDS ORMSBY VEEMAN 772618----------	10 daughters-	10	12,310	3.3	410
Born, 9-6-38; proved, 10-25-49;----; N. Y.	10 dams------	29	11,867	3.5	418
Sire, 725515; dam, 1749335.	Difference---	(6-4-4)	+443	-.2	-8
Herd Owner, Clarence Moseley, Buskirk.					
GENODALE WINTERTHUR NEPTUNE 837719 *13----------	25 daughters-	38	14,236	3.6	511
Born, 10-5-41; proved, 10-25-49; dead; N. Y.	25 dams------	93	12,789	3.5	447
Sire, 671669; dam, 1861006.	Difference---	(18-17-20)	+1,447	+.1	+64
Herd Owner, Ernest C. Strobeck, Macedon.					
GIRTWOOD FOBES BUXTON 864452----------	7 daughters--	7	13,242	3.5	464
Born, 10-15-42; proved, 10-25-49;----; N. Y.	7 dams-------	27	12,203	3.5	421
Sire, 825973; dam, 2206913.	Difference---	(4-5-5)	+1,039	.0	+43
Herd Owner, Burnell Angell, Lincklaen.					
GLADTIME COLANTHUS 815903----------	7 daughters--	11	8,730	4.0	348
Born, 10-13-39; proved, 10-7-49; dead; N. Y.	5 daughters--	7	8,516	4.0	341
Sire, 765206; dam, 1799422.	5 dams-------	8	11,119	3.9	438
Herd Owner, Alson Stoker & Sons, Scott.	Difference---	(0-2-0)	-2,603	+.1	-97
GOVERNOR INKA IMPERIAL 899430----------	6 daughters--	7	14,140	3.6	514
Born, 8-7-43; proved, 10-20-49; alive; Idaho.	5 daughters--	6	13,819	3.6	499
Sire, 629472; dam, 2194544.	5 dams-------	13	10,885	3.5	383
Herd Owner, Leonard B. Lund, Preston.	Difference---	(5-4-5)	+2,934	+.1	+116
GRAHAMHOLM JOE PERFECTION 875320----------	10 daughters-	14	9,659	3.5	335
Born, 9-30-42; proved, 10-11-49;----; Minn.	6 daughters--	9	9,363	3.5	329
Sire, 741485; dam, 2029081.	6 dams-------	12	9,653	3.2	309
Herd Owner, Charles J. Andrist, Pine Island.	Difference---	(2-5-4)	-290	+.3	+20
GREENCOWIS PIETERTJE COLANTHA 921204----------	7 daughters--	7	9,940	3.3	331
Born, 5-24-44; proved, 10-13-49;----; Wis.	5 daughters--	5	10,067	3.3	335
Sire, 833364; dam, 2230967.	5 dams-------	10	12,910	3.0	392
Herd Owner, Glen L. Hasse, Monroe.	Difference---	(0-3-2)	-2,843	+.3	-57
HARK HOMESTEAD BLANCHE OF V V 769578 *13----------	22 daughters-	36	11,923	3.5	413
Born, 5-23-37; proved, 10-24-49;----; Wis.	17 daughters-	31	11,514	3.4	396
Sire, 570501; dam, 1747846.	17 dams------	51	11,528	3.3	385
Used in Badger Co-op. A. B. A.	Difference---	(10-14-12)	-14	+.1	+11
HARTOG BUTTERCUP PIEBE 806572----------	10 daughters-	15	10,469	3.5	368
Born, 12-20-39; proved, 10-7-49;----; Pa.	5 daughters--	9	12,305	3.6	437
Sire, 706640; dam, 1731493.	5 dams---- --	16	10,229	3.4	349
Herd Owner, William H. Sweigard, Jr., Halifax.	Difference---	(4-4-4)	+2,076	+.2	+88
HENGERVELD DESIGN 845699 *(Mar. 1949)----------	15 daughters-	16	10,522	3.6	375
Born, 11-14-41; proved, 10-11-49;----; Pa.	13 daughters-	14	10,555	3.6	380
Sire, 784778; dam, 1908636.	13 dams------	54	12,903	3.6	468
Used in Nepa Co-op. A. B. A.	Difference---	(2-5-4)	-2,348	.0	-88
HERSHEY PIETERTJE ABBEKERK 864989----------	7 daughters--	7	9,835	3.6	358
Born, 12-14-42; proved, 10-13-49;----; Pa.	5 daughters--	5	10,282	3.7	378
Sire, 688265; dam, 1824577.	5 dams-------	15	11,331	3.5	399
Herd Owner, Hershey Industrial School, Hershey.	Difference---	(2-4-2)	-1,049	+.2	-21
HIEMKE POSCH RAG APPLE CREATOR 855495----------	5 daughters--	7	10,648	3.3	354
Born, 4-10-42; proved, 10-17-49;----; Pa.	5 dams-------	14	11,132	3.6	398
Sire, 128199 CHB; dam, 2302063.	Difference---	(3-0-1)	-484	-.3	-44
Herd Owner, Fred B. Dapp, Camp Hill.					
I B C TRITOMIA DEAN 3D 849625----------	12 daughters-	17	10,000	3.8	378
Born, 12-14-41; proved, 10-12-49;----; Iowa.	12 dams------	68	11,954	3.5	414
Sire, 797389; dam, 2082704.	Difference---	(2-11-4)	-1,954	+.3	-36
Herd Owner, Chauncy D. Bryant & Bissett, La Moille.					
INKA LA VATA JOHANNA 950240----------	6 daughters--	8	13,280	3.7	485
Born, 2-26-41; proved, 10-13-49;----; Wash.	6 dams-------	12	13,608	3.5	471
Sire, 928022; dam, 2375084.	Difference---	(2-5-2)	-328	+.2	+14
Herd Owner, H. L. Soames, Kent.					
JOHANNA RAG APPLE PIETJE RETURN 843443----------	9 daughters--	13	11,541	3.6	420
Born, 1-28-42; proved, 10-27-49;----; Ill.	6 daughters--	8	11,512	3.5	402
Sire, 792389; dam, 2110003.	6 dams-------	16	12,519	3.9	484
Herd Owner, John Ellsworth, Harvard.	Difference---	(3-1-1)	-1,007	-.4	-82
KARIOLE INKA KING 755640 *10----------	44 daughters-	88	11,637	3.6	418
Born, 3-3-38; proved, 10-12-49;----; Wis.	38 daughters-	80	11,398	3.6	412
Sire, 705177; dam, 1229154.	38 dams------	159	12,832	3.5	455
Herd Owner, Peter Templeton & Son, Evansville.	Difference---	(12-27-15)	-1,434	+.1	-43

	Animals averaged		Test		
			Pounds		
[illegible] DE K[illegible]	10 daughters-	[illegible]	10,884	[illegible]	[illegible]
[illegible] Iowa.	8 daughters--	[illegible]	[illegible]	3.3	[illegible]
[illegible]	[illegible]	[illegible]	8,146	3.4	[illegible]
[illegible]	[illegible]	(6-3-7)	+1,993	-.1	+62
KING BESSIE BUTTER GIRL LAD 853990	12 daughters-	[illegible]	10,089	3.6	360
Born, 10-30-41; proved, 10-10-49;----; Wis.	9 daughters--	11	9,363	[illegible]	357
Sire, 765496; dam, 1961196.	[illegible]	[illegible]	12,515	3.4	430
Herd Owner, Ray & Ivan Kindschi, Marshall.	Difference---	(0-7-1)	-2,652	+.2	-73
KING BESSIE KORNDYKE ORMSBY FORES 775264 *(Apr. 1949)	41 daughters-	[illegible]	12,583	[illegible]	445
Born, 2-22-39;.proved, 10-26-49;----; Wis.	33 daughters-	42	13,162	3.6	[illegible]
[illegible]	[illegible]	108	12,245	3.8	[illegible]
[illegible]	Difference---	(21-11-19)	[illegible]	-.2	+8
KNOLLWOOD GLISTA CHIEFTAIN [illegible]	10 daughters-	11	12,993	3.9	504
Born, 9-1-43; proved, 10-20-49; alive; Iowa.	10 dams------	42	11,744	3.6	428
Sire, 695631; dam, 2264628.	Difference---	(7-8-9)	+1,249	+.3	+76
Herd Owner, Albert C. Timm, Muscatine.					
K-PRIDE-K-VALE FRIEND TWI-PAUL COUNT A [illegible]	11 daughters-	14	11,869	3.5	411
Born, [illegible]-42; proved, 10-[illegible]-49;----; N. Dak.	11 dams------	39	10,491	3.6	373
Sire, 658204; dam, 1833255.	Difference---	(8-6-9)	+1,378	-.1	+38
Herd Owner, State Hospital for Insane, Jamestown.					
K-PRIDE K-VALE TWI-FRIEND TRI-PAUL RUE [illegible]9826	14 daughters-	[illegible]	9,650	3.4	[illegible]
Born, 12-9-39; proved, 10-25-49;----; S. Dak.	7 daughters--	12	10,240	3.2	[illegible]
Sire, 658204; dam, 1869561.	7 dams-------	10	13,171	3.2	425
Herd Owner, Jones Brothers, Bath.	Difference---	(1-3-1)	-2,931	.0	-95
LAUXMONT ADMIRAL LUCIFER 769170 *12	58 daughters-	85	12,525	3.8	475
Born, 9-17-38; proved, 10-20-49;----; Pa.	50 daughters-	77	12,454	3.8	475
Sire, 696612; dam, 1820953.	50 dams------	196	11,881	3.6	425
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(28-39-37)	+573	+.2	+50
LAUXMONT O NOBLEMAN 827512	10 daughters-	18	11,154	3.8	419
Born, 6-16-41; proved, 10-19-49;----; Pa.	10 dams------	45	11,781	3.7	431
Sire, 787409; dam, 1774301.	Difference---	(4-7-4)	-627	+.1	-12
Herd Owner, Shoemaker Brothers, Wyoming.					
LINCOLN VALDESSA DENVER (TWIN) 839422	10 daughters-	19	11,389	3.5	397
Born, 8-3-41; proved, 10-25-49;----; Pa.	9 daughters--	17	11,369	3.5	393
Sire, 776582; dam, 2065222.	9 dams-------	74	11,569	3.4	394
Herd Owner, E. H. Stubbs, Oxford.	Difference---	(4-6-6)	-200	+.1	-1
LONE VALLEY CREATOR DE KOL 772392	10 daughters-	17	11,770	3.4	[illegible]
Born, 9-30-38; proved, 10-25-49;----; Wis.	7 daughters--	12	10,612	[illegible]	[illegible]
Sire, 702050; dam, 1610701.	7 dams-------	10	11,195	3.4	[illegible]
Herd Owner, Ernest G. Johnson, Cobb.	Difference---	(2-3-2)	-583	-.1	-33
LOS ROBLES LYONS ORMSBY SEGIS 873608	7 daughters--	7	17,598	3.4	603
Born, 12-24-42; proved, 10-24-49;----; Calif.	7 dams-------	12	15,995	3.5	554
Sire, 724363; dam, 1895149.	Difference---	(6-3-6)	+1,603	-.1	+49
Herd Owner, Frank Hopkins & Sons, San Jose.					
LOUDEN HILL MASTER 803268	14 daughters-	34	10,245	3.2	328
Born, 2-12-40; proved, 10-10-49;----; Pa.	14 dams------	44	10,924	3.2	350
Sire, 755096; dam, 1594948.	Difference---	(6-9-5)	-679	.0	-22
Herd Owner, Louden Hill Farm, South Montrose.					
MAN-O-WAR POSCH VEEMAN 757842 *10	14 daughters-	20	13,614	3.4	468
Born, 4-29-38; proved, 10-13-49;----; Iowa.	12 daughters-	18	13,193	3.4	452
Sire, 714945; dam, 1758994.	12 dams------	26	11,022	3.6	401
Herd Owner, Lawrence Blankers, Jr., Archer.	Difference---	(8-3-8)	+2,171	-.2	+51
MILCO HOESLY STAR 2D 799557	23 daughters-	40	13,162	3.4	451
Born, 2-14-40; proved, 10-24-49;----; Wis.	19 daughters-	31	13,118	[illegible]	453
Sire, 721899; dam, 1490514.	19 dams------	46	12,805	3.4	437
Herd Owner, A. W. Weihert & Oscar Schultz, Merrill.	Difference---	(9-10-7)	[illegible]	+.1	+16
MILLER FARM GEMANMATION 761002	14 daughters-	19	9,570	3.4	[illegible]
Born, 6-12-37; proved, 10-24-49;----; N. H.	8 daughters--	12	9,927	3.6	[illegible]
Sire, 651620; dam, 1438251.	8 dams-------	23	9,678	3.5	[illegible]
Herd Owner, Laury W. Churchill, Westmoreland Depot.	Difference---	(3-4-4)	+249	+.1	+15
MONTVIC RAG APPLE GYPSY 800015 *12	13 daughters-	28	12,601	[illegible]	[illegible]
Born, 9-6-39; proved, 10-11-49; dead; N. Y.	12 daughters-	25	12,223	3.4	417
Sire, 115346 CHB; dam, 377755 CHB.	12 dams------	41	12,571	3.4	429
Used in Broome Co-op. A. B. A., Inc.	Difference---	(5-10-5)	-348	.0	-12
MOONLIT DALE DE KOL SIR INKA 888837	6 daughters--	7	11,345	3.6	412
Born, 10-21-43; proved, 10-13-49;----; Iowa.	6 dams-------	19	10,498	3.6	377
Sire, 651591; dam, 1958341.	Difference---	(3-4-4)	+847	.0	+35
Herd Owner, Kenneth J. Kerr & Family, Postville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NEWMONT ARISTOCRAT 14TH 889678----------	6 daughters--	6	11,219	3.7	411
Born, 10-23-43; proved, 10-19-49;----; Vt.	6 dams-------	18	9,659	3.6	352
Sire, 827033; dam, 2189617.	Difference---	(4-2-5)	+1,560	+.1	+59
Used in Southern Illinois A. B. A., Ill.					
NINE-O-FIVE TWI-BURK PRIDE GERB-COLA W 837326 *13----------	14 daughters-	19	14,186	3.7	518
Born, 7-16-41; proved, 10-26-49; alive; Pa.	13 daughters-	18	14,446	3.7	531
Sire, 603883; dam, 1931478.	13 dams------	65	14,991	3.5	521
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(6-11-7)	-545	+.2	+10
NORTH STAR CONFIDENT LUCKY 759443 *9----------	47 daughters-	87	10,379	3.7	389
Born, 1-17-38; proved, 10-19-49; dead; Minn.	46 daughters-	84	10,382	3.7	389
Sire, 703318; dam, 1320986.	46 dams------	175	11,558	3.6	420
Herd Owner, Minnesota State Reformatory, St. Cloud.	Difference---	(13-31-16)	-1,176	+.1	-31
OAK CRESS JOH PONTIAC ROSE 805968 *13----------	11 daughters-	17	10,568	4.0	423
Born, 4-5-40; proved, 10-20-49;----; Pa.	11 dams------	48	13,042	3.6	475
Sire, 703610; dam, 1673829.	Difference---	(1-10-3)	-2,474	+.4	-52
Used in First Pennsylvania Co-op. A. B. A.					
PABST BURKE PRAIRIE 878665----------	12 daughters-	15	13,982	3.6	500
Born, 6-10-43; proved, 10-12-49; alive; Minn.	12 dams------	62	10,937	3.5	379
Sire, 697789; dam, 2181825.	Difference---	(11-8-12)	+3,045	+.1	+121
Herd Owner, Ralph W. Wayne, Ellendale.					
PABST BURKE WALKER 882938----------	9 daughters--	9	11,621	3.5	405
Born, 9-2-43; proved, 10-12-49;----; Wis.	6 daughters--	6	11,767	3.5	408
Sire, 697789; dam, 2087087.	6 dams-------	15	12,206	3.4	419
Herd Owner, John Bilgrien, Iron Ridge.	Difference---	(2-4-2)	-439	+.1	-11
PABST BURKWAYNE 914051----------	7 daughters--	7	15,829	3.6	571
Born, 10-1-44; proved, 10-12-49; alive; Minn.	7 dams-------	28	12,319	3.7	452
Sire, 697789; dam, 1813155.	Difference---	(7-3-6)	+3,510	-.1	+119
Herd Owner, Ralph W. & James C. Wayne, Ellendale.					
PABST ROYAL GOLD 824466----------	17 daughters-	18	11,483	3.5	403
Born, 3-31-41; proved, 10-11-49;----; Ind.	12 daughters-	12	12,089	3.5	423
Sire, 697000; dam, 1802820.	12 dams------	33	12,191	3.3	404
Herd Owner, Indiana State Reformatory, Pendleton.	Difference---	(7-9-7)	-102	+.2	+19
PASTURE LANE RAINBOW SEGIS (TWIN) 890281----------	5 daughters--	5	13,520	3.8	518
Born, 8-30-43; proved, 10-11-49; alive; Mich.	5 dams-------	15	14,333	3.5	497
Sire, 724856; dam, 1815847.	Difference---	(2-4-4)	-813	+.3	+21
Used in Northern Ohio Co-op. A. B. A., Ohio.					
PEERLESS ORMSBY CLIPPER 764393 *12----------	18 daughters-	25	11,233	3.4	379
Born, 10-12-38; proved, 10-24-49;----; Minn.	8 daughters--	11	11,924	3.3	396
Sire, 705151; dam, 1518410.	8 dams-------	16	12,768	3.4	434
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(4-5-4)	-844	-.1	-38
PENN HEITS TRIUNE PRINCE 821825----------	8 daughters--	9	10,716	3.4	361
Born, 12-17-40; proved, 10-19-49;----; Pa.	6 daughters--	7	10,697	3.3	357
Sire, 751422; dam, 1721600.	6 dams-------	20	11,794	3.1	371
Herd Owner, Webb Bunnell, Montrose.	Difference---	(1-6-1)	-1,097	+.2	-14
PENSTATE JOAB INKA STARR 828036----------	13 daughters-	13	10,848	3.4	374
Born, 6-2-41; proved, 10-12-49;----; Pa.	5 daughters--	5	9,541	3.5	337
Sire, 760723; dam, 1932950.	5 dams-------	5	11,251	3.4	383
Herd Owner, Earl J. Bunn, Canton.	Difference---	(2-4-2)	-1,710	+.1	-46
PIETJE HOMESTEAD FOBES 810163----------	7 daughters--	7	7,276	3.5	256
Born, 3-1-40; proved, 10-14-49;----; Wis.	7 dams-------	11	10,045	3.3	332
Sire, 686345; dam, 1939518.	Difference---	(1-5-2)	-2,769	+.2	-76
Herd Owner, Fred Schwoerer Estate, Mt. Horeb.					
PRATTLAND PERFECTION 854599----------	7 daughters--	9	9,625	3.5	339
Born, 3-8-42; proved, 10-19-49;----; Mich.	5 daughters--	6	9,873	3.5	344
Sire, 731858; dam, 1583398.	5 dams-------	12	9,197	3.5	325
Herd Owner, W. P. Stone & Sons, Sandusky.	Difference---	(4-3-4)	+676	.0	+19
PRINCE KORNDYKE CREAMELLE SEGIS 902669----------	10 daughters-	10	10,097	3.6	365
Born, 3-30-43; proved, 10-24-49;----; Wis.	9 daughters--	9	9,917	3.6	358
Sire, 846271; dam, 2123415.	9 dams-------	9	9,706	3.4	331
Herd Owner, Lucious Klement & Son, Fort Atkinson.	Difference---	(5-8-5)	+211	+.2	+27
QUEEN ORMSBY BOY 838940----------	11 daughters-	16	8,846	3.4	299
Born, 5-20-41; proved, 10-27-49;----; Wis.	7 daughters--	11	8,761	3.4	301
Sire, 681047; dam, 2043909.	7 dams-------	9	9,111	3.2	292
Herd Owner, Art Geisz, Muscoda.	Difference---	(4-6-4)	-350	+.2	+9
RONDOUT KING HAL 755400 *9----------	14 daughters-	48	11,269	3.8	431
Born, 1-21-38; proved, 10-14-49; dead; N. Y.	14 dams------	66	11,390	3.6	413
Sire, 709112; dam, 1618749.	Difference---	(7-11-8)	-121	+.2	+18
Herd Owner, Millard H. Davis, Kerhonkson.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ROWSDALE REALIZATION 855520----------	14 daughters-	17	11,107	3.5	390
Born, 10-1-36; proved, 10-17-49;----; Wis.	10 daughters-	12	11,216	3.6	406
Sire, 108103 CHB; dam, 220377 CHB.	10 dams------	25	11,948	3.4	407
Herd Owner, Joe Susina, Elkhorn.	Difference---	(5-9-5)	-732	+.2	-1
RUBY DIXIE SUSIE KING 889884----------	6 daughters--	6	11,077	3.6	394
Born, 9-21-43; proved, 10-25-49;----; Mich.	5 daughters--	5	11,021	3.5	388
Sire, 811414; dam, 2039479.	5 dams-------	11	12,250	3.6	4[illegible]
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(2-3-2)	-1,229	-.1	-[illegible]
SEGIS INKA DE KOL ORMSBY 842770----------	5 daughters--	9	11,[illegible]	3.9	446
Born, 12-6-41; proved, 10-19-49;----; Pa.	5 dams-------	13	13,6[illegible]8	3.6	498
Sire, 739586; dam, 1478923.	Difference---	(1-4-1)	-2,[illegible]75	+.3	-52
Herd Owner, McKean County Home, Smethport.					
SEGIS POSCH GREAT UROBOY 783752----------	15 daughters-	47	10,775	3.8	406
Born, 7-15-39; proved, 10-25-49;----; Pa.	13 daughters-	42	11,240	3.7	417
Sire, 756158; dam, 1870743.	13 dams------	106	10,853	3.7	400
Herd Owner, E. H. Stubbs, Oxford.	Difference---	(8-8-8)	+387	.0	+17
SEGIS PRILLY FOBES ORMSBY 863756----------	5 daughters--	5	12,807	3.8	491
Born, 10-6-42; proved, 10-27-49;----; N. Y.	5 dams-------	15	12,393	3.6	441
Sire, 799545; dam, 1984712.	Difference---	(3-4-3)	+414	+.2	+50
Used in Broome Co-op. A. B. A., Inc.					
SHANLEY BESSIE SUPREME 862248----------	8 daughters--	8	13,421	3.4	462
Born, 3-1-42; proved, 10-20-49;----; N. Y.	7 daughters--	7	13,092	3.4	449
Sire, 779284; dam, 1991733.	7 dams-------	26	9,471	3.4	321
Herd Owner, Glen C. Darling, Jr. & Son, Conewango Valley.	Difference---	(7-4-7)	+3,621	.0	+128
SHESHEQUIN STAR ART 834149 *(Mar. 1949)----------	35 daughters-	44	12,395	3.7	461
Born, 4-18-41; proved, 10-14-49; dead; Pa.	30 daughters-	39	12,683	3.7	473
Sire, 731075; dam, 1964220.	30 dams------	115	11,980	3.5	419
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(20-26-23)	+703	+.2	+54
SILVER DAWN SIR BESS RUTH 898588----------	9 daughters--	10	15,074	3.7	564
Born, 1-21-43; proved, 10-13-49;----; Iowa.	9 dams-------	32	12,231	3.8	465
Sire, 730122; dam, 1822583.	Difference---	(9-6-9)	+2,843	-.1	+99
Herd Owner, Gingerich & Yoder, Wellman.					
SIR BONNY ORMSBY FOBES 20TH 758857 *10----------	27 daughters-	64	10,153	3.6	363
Born, 4-3-38; proved, 10-10-49; dead; Wis.	18 daughters-	43	9,639	3.6	351
Sire, 676721; dam, 1741515.	18 dams------	67	10,646	3.6	385
Herd Owner, Leonard Laux, Adell.	Difference---	(7-10-6)	-1,007	.0	-34
SIR BURTON FAYNE PANSY FOBES 838482----------	19 daughters-	26	11,333	3.4	387
Born, 10-3-41; proved, 10-10-49;----; Wis.	6 daughters--	7	11,412	3.4	388
Sire, 729720; dam, 1690377.	6 dams-------	17	10,273	3.2	324
Herd Owner, Frank Blodgett, Eau Claire.	Difference---	(3-5-6)	+1,139	+.2	+64
SIR CASCADE JOE HOMESTEAD 771491 *12----------	30 daughters-	74	13,188	3.6	471
Born, 12-31-38; proved, 10-25-49;----; Wis.	24 daughters-	63	12,964	3.6	463
Sire, 723295; dam, 1946016.	24 dams------	66	11,725	3.4	399
Used in East Central Co-op. A. B. A.	Difference---	(15-21-17)	+1,239	+.2	+64
SIR DICTATOR MAN-O-WAR ORMSBY 818147----------	24 daughters-	35	10,664	3.4	359
Born, 1-12-41; proved, 10-12-49;----; Wis.	14 daughters-	18	10,808	3.4	368
Sire, 662443; dam, 1963575.	14 dams------	23	9,882	3.5	344
Herd Owner, Eau Claire County Asylum, Eau Claire.	Difference---	(8-7-8)	+926	-.1	+24
SIR-DOUG DI-NINE-O-FIVE GERB COL JOHAN 881760 *(Apr. 1949)-	12 daughters-	12	11,542	3.3	385
Born, 2-4-43; proved, 10-25-49; alive; Pa.	12 dams------	42	10,599	3.4	361
Sire, 660575; dam, 1926279.	Difference---	(8-7-8)	+943	-.1	+24
Used in Western Pennsylvania Co-op. A. B. A.					
SIR-DOUG NINE-O-FIVE GERB COLAN STAR 896304 *(Apr. 1949)---	14 daughters-	14	11,434	3.5	397
Born, 11-18-42; proved, 10-11-49; alive; Pa.	9 daughters--	9	12,131	3.5	427
Sire, 660575; dam, 1859291.	9 dams-------	37	12,083	3.6	429
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(5-5-5)	+48	-.1	-2
SIR PROGRESSIVE PATIENCE ADMIRAL 842073----------	7 daughters--	7	7,673	3.5	266
Born, 2-22-41; proved, 10-13-49;----; Wis.	7 dams-------	25	10,268	3.2	330
Sire, 735433; dam, 1814687.	Difference---	(2-5-3)	-2,595	+.3	-64
Herd Owner, Gerald Swenson, Blue Mounds.					
SOWISCOL DON PIET 857056----------	14 daughters-	17	15,856	3.6	568
Born, 8-5-42; proved, 10-13-49;----; Minn.	7 daughters--	10	15,874	3.7	581
Sire, 688258; dam, 1860016.	7 dams-------	11	10,683	3.6	387
Herd Owner, Fritz J. Sprenger, Zumbro Falls.	Difference---	(7-5-7)	+5,191	+.1	+194
SOWISCOL DON SEGIS JEWEL 759658 *10----------	26 daughters-	47	12,233	3.7	450
Born, 1-2-38; proved, 10-7-49;----; Wis.	22 daughters-	36	12,204	3.7	446
Sire, 688258; dam, 1577300.	22 dams------	97	14,114	3.5	487
Herd Owner, Ed Neterval, Sturtevant.	Difference---	(4-17-7)	-1,910	+.2	-41

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SOWISCOL KING ALCARTRA 769488----------	8 daughters--	8	12,012	3.8	458
Born, 7-17-38; proved, 10-24-49; dead; Wis.	8 dams-------	26	12,008	3.6	436
Sire, 724675; dam, 1847446.	Difference---	(3-5-4)	+4	+.2	+22
Used in Land O'Lakes Creameries, Inc., Minn., (A. B. A.).					
SPRING COVE BESSIE KING 862519----------	15 daughters-	21	12,497	3.6	455
Born, 11-28-41; proved, 10-17-49;----; Wis.	6 daughters--	7	13,298	3.7	486
Sire, 803947; dam, 2084679.	6 dams-------	8	12,086	3.5	423
Herd Owner, David Dusek, River Falls.	Difference---	(4-5-4)	+1,212	+.2	+63
TEN-KINK DE KOL MCKINLEY SIR ROMEO 759078 *12----------	31 daughters-	46	11,962	3.6	426
Born, 3-7-38; proved, 10-13-49; dead; Wash.	19 daughters-	33	12,112	3.5	421
Sire, 726179; dam, 1507950.	19 dams------	63	12,600	3.5	447
Used in Walla Walla Valley Co-op. A. B. A.	Difference---	(7-9-8)	-488	.0	-26
THENDARA INKA ONYX NEBO 772733----------	10 daughters-	12	10,791	3.5	374
Born, 2-16-39; proved, 10-25-49;----; N. Y.	6 daughters--	8	10,981	3.5	382
Sire, 729488; dam, 1774675.	6 dams-------	7	7,984	3.5	275
Herd Owner, Dr. Kenneth W. Davis, West Winfield.	Difference---	(6-3-6)	+2,997	.0	+107
U NEB CELMAN ELTON 755358 *9----------	55 daughters-	146	11,850	3.3	386
Born, 3-14-38; proved, 10-17-49; dead; Nebr.	53 daughters-	141	11,849	3.3	386
Sire, 657286; dam, 1618532.	53 dams------	252	11,784	3.4	398
Herd Owner, State Board of Control, Lincoln.	Difference---	(24-19-20)	+65	-.1	-12
U OF MD MASTER MATCHLESS 854668 *13----------	8 daughters--	13	14,376	3.5	500
Born, 5-24-42; proved, 10-25-49; alive; Md.	8 dams-------	24	13,208	3.4	448
Sire, 751641; dam, 1942542.	Difference---	(6-5-6)	+1,168	+.1	+52
Herd Owner, F. Bennett Carter, Centerville.					
VANIARD ORMSBY HOMESTEAD INKA 841183----------	7 daughters--	8	12,809	3.4	435
Born, 9-7-41; proved, 10-19-49;----; Ill.	5 daughters--	6	12,198	3.4	417
Sire, 790125; dam, 2146681.	5 dams-------	10	10,876	3.6	393
Herd Owner, R. C. Washington, Pecatonica.	Difference---	(3-1-2)	+1,322	-.2	+24
VENTNOR ELI FOBES ORMSBY 890360----------	5 daughters--	7	13,747	3.8	522
Born, 10-22-43; proved, 10-26-49; alive; Ill.	5 dams-------	15	12,189	3.7	455
Sire, 771132; dam, 2083901.	Difference---	(3-4-3)	+1,558	+.1	+67
Used in Kentucky A. B. A., Ky.					
WAUPUN ORMSBY OLLIE JOHANNA 759049 *12----------	19 daughters-	44	11,536	3.2	371
Born, 4-8-38; proved, 10-19-49; dead; Wis.	18 daughters-	41	11,469	3.2	368
Sire, 691809; dam, 1507312.	18 dams------	92	11,513	3.4	396
Herd Owner, Wisconsin State Prison Farm, Waupun.	Difference---	(9-5-6)	-44	-.2	-28
WAUSEONA JOE 739983 *13----------	11 daughters-	16	10,013	3.4	345
Born, 11-2-36; proved, 10-10-49; dead; Ohio.	9 daughters--	14	9,715	3.4	331
Sire, 685014; dam, 1592571.	9 dams-------	16	11,395	3.3	380
Used in Central Ohio Co-op. A. B. A.	Difference---	(2-6-2)	-1,680	+.1	-49
WIMBLEDON EMPEROR RUBE 790125 *11----------	9 daughters--	10	11,568	3.6	413
Born, 1-15-40; proved, 10-10-49; dead; Ohio.	8 daughters--	9	11,744	3.6	427
Sire, 671030; dam, 1747511.	8 dams-------	16	11,803	3.7	439
Used in Northern Ohio Co-op. A. B. A.	Difference---	(5-2-3)	-59	-.1	-12
WINNEBAGO SIR MARATHON FOBES 759876 *9----------	33 daughters-	59	11,638	3.3	383
Born, 1-5-38; proved, 10-7-49;----; Wis.	32 daughters-	57	11,616	3.3	383
Sire, 375365; dam, 1663068.	32 dams------	126	11,978	3.3	398
Herd Owner, Winnebago State Hospital, Winnebago.	Difference---	(11-18-11)	-362	.0	-15
WINTERTHUR FOBES KING WINDSOR 835914 *13----------	13 daughters-	27	11,843	3.6	423
Born, 8-9-41; proved, 10-13-49;----; Pa.	13 dams------	58	11,641	3.7	429
Sire, 729449; dam, 1757804.	Difference---	(7-4-7)	+202	-.1	-6
Used in New Castle Co-op. A. B. A., Del.					
WINTERTHUR NEBRASKA POSCH TEDEKA 756552 *13----------	16 daughters-	20	10,829	3.7	397
Born, 1-5-38; proved, 10-10-49; dead; Conn.	12 daughters-	14	11,519	3.7	427
Sire, 671310; dam, 1810732.	12 dams------	47	10,679	3.6	381
Used in Connecticut A. B. A., Inc.	Difference---	(7-9-8)	+840	+.1	+46
WINTERTHUR SELECT NEBRASKA VISION 789919 *13----------	27 daughters-	52	12,876	3.5	452
Born, 1-16-40; proved, 10-20-49; dead; Pa.	26 daughters-	49	12,829	3.5	452
Sire, 750000; dam, 1970020.	26 dams------	53	12,257	3.7	454
Used in Nepa Co-op. A. B. A.	Difference---	(15-8-11)	+572	-.2	-2
W I S ORMSBY LAIRD 758057 *12----------	25 daughters-	57	12,569	3.8	476
Born, 8-13-37; proved, 10-27-49; alive; W. Va.	15 daughters-	35	12,978	3.8	497
Sire, 553411; dam, 1216230.	15 dams------	36	11,927	3.5	422
Used in West Virginia Co-op. A. B. A.	Difference---	(11-14-12)	+1,051	+.3	+75
W I S PRIDE LASS 759322 *13----------	13 daughters-	29	8,752	3.3	290
Born, 3-5-38; proved, 10-24-49;----; Wis.	13 dams------	49	10,008	3.4	336
Sire, 729042; dam, 1862532.	Difference---	(5-7-5)	-1,256	-.1	-46
Herd Owner, Kewaunee County Farm, Kewaunee.					

HOLSTEIN SIRES	Animals	Records averaged	[illegible]	Test	[illegible]
	Number	Number	Pounds	Percent	[illegible]
W S H ADMIRAL KING BURKE 7860[illegible]	7 daughters--	8	[illegible]	3.2	[illegible]
Born, 8-[illegible]; proved, 10-[illegible]; dead; Utah.	6 daughters--	7	[illegible]	3.1	[illegible]
Sire, [illegible]; dam, 14[illegible].	[illegible] dams-------	14	[illegible]	[illegible]	[illegible]
Herd Owner, Elwood Williams, Morgan.	Difference---	([illegible])	[illegible]	-.2	+9

JERSEY SIRES

BILTMORE IVY BUTTERKING 451141	6 daughters--	6	[illegible]	5.6	[illegible]
Born, 8-3-43; proved, 10-10-49; alive; Fla.	5 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Sire, 364941; dam, 1255706.	[illegible] dams-------	7	9,217	[illegible]	490
Herd Owner, Walter Welkener, Jacksonville.	Difference---	(2-4-3)	+113	+.4	+41
BLONDE PHILIDORA DESIGN 445455	11 daughters-	11	6,877	[illegible]	373
Born, 11-4-42; proved, 10-25-49; alive; Minn.	10 daughters-	10	6,778	[illegible]	359
Sire, 402238; dam, 1236427.	10 dams------	28	7,373	[illegible]	377
Herd Owner, Dr. C. H. Pierce, Wadena.	Difference---	(4-8-3)	-595	[illegible]	-18
BUTTERCUP GOLDEN PRINCE 444585	6 daughters--	6	5,786	[illegible]	285
Born, 1-27-42; proved, 10-25-49;----; Pa.	6 dams-------	18	[illegible]	5.0	[illegible]
Sire, 402155; dam, 1336040.	Difference---	(0-3-0)	-1,783	-.1	-93
Herd Owner, Fred Tillinghast, Gillett.					
CALIFORNIA NAPNICK PHILIP 442982	11 daughters-	11	[illegible]	[illegible]	[illegible]
Born, 1-20-42; proved, 10-25-49;----; Calif.	8 daughters--	8	7,810	5.6	[illegible]
Sire, 316846; dam, 1075010.	8 dams-------	21	9,106	[illegible]	500
Herd Owner, Mary Jean Sinclair, Chowchilla.	Difference---	(2-6-1)	-1,296	+.1	-62
COME SON SCOTTY 424013	16 daughters-	16	7,650	5.7	[illegible]
Born, 4-27-40; proved, 10-13-49; dead; Calif.	15 daughters-	15	7,742	[illegible]	441
Sire, 292917; dam, 1180411.	15 dams------	23	9,559	5.0	[illegible]
Used in San Pasqual A. B. A., Inc.	Difference---	(2-15-7)	-1,817	+.7	[illegible]
DESIGN'S VICTOR EMPEROR 422698	8 daughters--	13	5,620	[illegible]	[illegible]
Born, 9-13-40; proved, 10-25-49;----; Tenn.	8 dams-------	16	6,429	5.4	[illegible]
Sire, 384686; dam, 1147214.	Difference---	(1-6-2)	[illegible]	+.1	-35
Herd Owner, Robert Marshall, Chuckey.					
DRACONIS SPARKLING SIR 419237 *13	10 daughters-	22	6,479	5.0	[illegible]
Born, 9-29-40; proved, 10-13-49; alive; Ga.	6 daughters--	12	6,699	5.0	[illegible]
Sire, 402924; dam, 1151794.	6 dams-------	13	[illegible]	5.1	297
Used in Mississippi Co-op. A. B. A., Miss.	Difference---	(4-2-5)	+916	-.1	+37
DREAMING POTENTATE 398870 *(Apr. 1949)	24 daughters-	57	7,753	5.1	[illegible]
Born, 12-29-38; proved, 10-13-49; alive; Pa.	18 daughters-	[illegible]	[illegible]	5.1	416
Sire, 358643; dam, 1050204.	18 dams------	107	8,346	5.1	[illegible]
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(9-11-12)	-192	.0	-6
EMMA'S DESIGN OF HIGHLAND 428779	6 daughters--	7	6,217	5.5	[illegible]
Born, 11-24-41; proved, 10-13-49; dead; Md.	6 dams-------	[illegible]	6,257	[illegible]	[illegible]
Sire, 390864; dam, 1068281.	Difference---	(4-4-5)	-40	[illegible]	+14
Herd Owner, Mrs. Thomas S. Gladden, Street.					
FAUVIC GAMBOGE TWINKS NOBLE 416196 *(Apr. 1949)	15 daughters-	31	7,018	5.1	[illegible]
Born, 11-23-40; proved, 10-17-49;----; Pa.	14 daughters-	28	7,061	5.1	361
Sire, 360026; dam, 1243789.	14 dams------	42	6,616	5.1	337
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(8-7-9)	+445	.0	+24
FAWN DAWN MODESTY DUKE 437480 *13	13 daughters-	23	6,849	5.8	400
Born, 1-1-42; proved, 10-26-49; dead; Wis.	12 daughters-	22	6,814	5.8	399
Sire, 411229; dam, 1199081.	12 dams------	42	8,094	5.7	463
Herd Owner, Charles D. Holloway, Union Grove.	Difference---	(3-8-3)	-1,280	+.1	-64
GEM CYCLONE REMUS B. W. 456813 *13	18 daughters-	31	7,248	5.6	407
Born, 8-10-42; proved, 10-10-49; dead; Vt.	17 daughters-	29	7,198	5.6	405
Sire, 404912; dam, 1074381.	17 dams------	62	7,551	5.4	408
Herd Owner, Stilloggin Farm, Brattleboro.	Difference---	(6-14-11)	-353	+.2	-3
HESTER'S SALLY SYBIL BARONET 405776	7 daughters--	8	8,583	5.2	449
Born, 12-4-38; proved, 10-13-49;----; Utah.	5 daughters--	5	8,391	5.2	440
Sire, 346628; dam, 1018833.	5 dams-------	8	7,033	5.2	367
Herd Owner, Winder Dairy Farm, Salt Lake City.	Difference---	(4-3-4)	+1,358	.0	+73
HOB & NOB SYBIL IXIA GAMBOGE 431920	14 daughters-	14	6,522	5.4	355
Born, 1-22-40; proved, 10-26-49;----; N. H.	11 daughters-	11	6,528	5.4	355
Sire, 360347; dam, 950065.	11 dams------	11	9,051	5.3	483
Herd Owner, Hob & Nob Farm, Francestown.	Difference---	(1-6-1)	-2,523	+.1	-128
IT OF MERIDALE 406501 *12	20 daughters-	47	8,992	5.2	468
Born, 4-18-39; proved, 10-14-49; alive; Mo.	19 daughters-	45	8,921	5.2	468
Sire, 373034; dam, 1056627.	19 dams------	58	7,872	5.4	425
Used in M. F. A. A. B. A.	Difference---	(15-7-13)	+1,049	-.2	+43

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
JESTER ROYAL DESIGNER 419967----------	9 daughters--	13	6,581	5.2	344
Born, 10-19-40; proved, 10-24-49; alive; Ky.	6 daughters--	8	7,350	5.2	385
Sire, 383575; dam, 1192928.	6 dams-------	11	7,525	5.2	390
Herd Owner, Dr. Robert M. Mason, Murray.	Difference---	(2-4-2)	-175	.0	-5
KID ROB OF ROSENEATH 468807----------	7 daughters--	7	8,291	5.5	456
Born, 12-21-43; proved, 10-25-49;----; Calif.	6 daughters--	6	8,230	5.5	455
Sire, 398167; dam, 1506870.	6 dams-------	18	10,327	5.4	553
Herd Owner, A. R. & S. R. Knight, Fresno.	Difference---	(1-4-0)	-2,097	+.1	-98
LADY'S SIGNAL VOLUNTEER 395051----------	15 daughters-	17	6,325	5.1	321
Born, 10-26-38; proved, 10-24-49;----; Tenn.	14 daughters-	16	6,235	5.1	318
Sire, 346193; dam, 989481.	14 dams------	36	7,515	5.1	383
Herd Owner, S. N. Varnell, Cleveland.	Difference---	(2-8-5)	-1,280	.0	-65
LILAC COURIER BOY 412443 *(Mar. 1949)----------	17 daughters-	23	7,797	5.4	417
Born, 9-22-39; proved, 10-14-49;----; Wis.	10 daughters-	14	8,328	5.3	439
Sire, 390373; dam, 1259609.	10 dams------	15	8,333	5.0	420
Used in Dairy Genetics Co., Inc., Iowa (A. B. A.).	Difference---	(5-7-8)	-5	+.3	+19
LILAC REMUS COMMANDER 421181 *13----------	15 daughters-	29	8,500	5.3	451
Born, 3-25-41; proved, 10-14-49;- --; Va.	13 daughters-	25	8,706	5.4	467
Sire, 328497; dam, 994144.	13 dams------	48	7,935	5.9	467
Used in Indiana A. B. A., Ind.	Difference---	(7-0-7)	+771	-.5	0
LILAC REMUS UNRIVALED WAYNE 434170 *(Apr. 1949)----------	24 daughters-	42	7,746	5.7	441
Born, 12-21-41; proved, 10-11-49; alive; Vt.	23 daughters-	41	7,767	5.7	442
Sire, 409293; dam, 1169135.	23 dams------	86	6,873	5.3	362
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(17-16-19)	+894	+.4	+80
MAPLE GROVE DESIGN COUNT 444053----------	11 daughters-	13	6,422	5.4	347
Born, 1-20-41; proved, 10-7-49;----; N. Y.	11 dams------	26	7,508	5.2	388
Sire, 399578; dam, 900970.	Difference---	(5-7-5)	-1,086	+.2	-41
Herd Owner, Roy L. Bielby & Son, Rome.					
MARION'S LILY ASTOR 384111----------	5 daughters--	9	7,737	5.0	387
Born, 2-9-37; proved, 10-13-49; dead; Tenn.	5 dams-------	12	6,357	5.5	351
Sire, 366253; dam, 1025353.	Difference---	(4-0-3)	+1,380	-.5	+36
Herd Owner, Lashbrook Farms, Louisville.					
MASTERMAN OREGON COLONEL 424561----------	14 daughters-	22	7,267	5.3	388
Born, 10-14-40; proved, 10-25-49;----; Oreg.	5 daughters--	8	7,341	5.3	392
Sire, 378250; dam, 981954.	5 dams-------	21	8,143	5.0	407
Herd Owner, G. A. Robison, Jefferson.	Difference---	(2-4-2)	-802	+.3	-15
MIGHTY'S MOROCCO COMMANDER 418760 *(Apr. 1949)----------	16 daughters-	23	7,512	5.3	401
Born, 3-9-40; proved, 10-17-49;----; Ill.	13 daughters-	19	7,237	5.3	383
Sire, 339065; dam, 1107552.	13 dams------	30	7,981	5.4	433
Used in Southern Illinois A. B. A.	Difference---	(4-5-4)	-744	-.1	-50
NELLY'S AFTERGLOW OBSERVER 378559----------	6 daughters--	7	6,929	5.0	349
Born, 8-10-36; proved, 10-13-49; dead; Ala.	6 dams-------	10	7,612	5.1	386
Sire, 286446; dam, 793657.	Difference---	(2-4-2)	-683	-.1	-37
Herd Owner, Alabama Polytechnic Institute, Auburn.					
OBSERVER ONWARD J. B. 410458 *13----------	33 daughters-	57	6,436	5.3	339
Born, 10-10-38; proved, 10-11-49; dead; Maine.	25 daughters-	46	6,286	5.3	332
Sire, 370570; dam, 1011199.	25 dams------	57	7,093	5.3	375
Used in Broome Co-op. A. B. A., Inc., N. Y.	Difference---	(5-13-8)	-807	.0	-43
PALATINE DARLING NOBLE 445320----------	6 daughters--	6	4,504	5.1	230
Born, 11-28-42; proved, 10-12-49; dead; Mich.	5 daughters--	5	4,722	5.0	238
Sire, 338021; dam, 1260331.	5 dams-------	13	5,789	5.4	314
Herd Owner, Harold Day, Armada.	Difference---	(1-2-0)	-1,067	-.4	-76
PANSY DERBYSHIRE DREAMER 443126 *13----------	15 daughters-	27	8,127	5.6	454
Born, 2-14-41; proved, 10-10-49;----; Pa.	15 dams------	67	8,914	5.4	477
Sire, 316172; dam, 1148446.	Difference---	(5-13-6)	-787	+.2	-23
Used in Nepa Co-op. A. B. A.					
POTENTATE PROGRESS 451347----------	6 daughters--	7	8,078	5.0	404
Born, 12-21-42; proved, 10-7-49;----; Pa.	5 daughters--	6	7,871	5.2	412
Sire, 398870; dam, 1094907.	5 dams-------	28	8,500	5.0	421
Herd Owner, John D. Bamford, McDonald.	Difference---	(2-4-2)	-629	+.2	-9
ROCHETTE MOOR DREAMER 395189 *12----------	25 daughters-	50	7,681	4.9	377
Born, 10-31-38; proved, 10-17-49;----; Pa.	22 daughters-	46	7,687	4.9	379
Sire, 373034; dam, 868266.	22 dams------	79	6,624	5.3	351
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(17-5-17)	+1,063	-.4	+28
ROSEBOY'S STAR GAMBOGE 422916----------	25 daughters-	31	7,795	5.1	397
Born, 8-16-40; proved, 10-13-49; alive; Mo.	6 daughters--	7	7,994	5.1	408
Sire, 386695; dam, 1094256.	6 dams-------	11	8,033	5.5	440
Used in Missouri Dairy A. B. A.	Difference---	(3-1-3)	-39	-.4	-32

JERSEY SIRES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	Percent	Pounds
ROSY'S DESIGN 423880	10 daughters-	12	[illegible]	5.7	433
Born, 3-20-41; proved, 10-25-49; dead; Mo.	7 daughters--	[illegible]	8,013	5.7	[illegible]
Sire, [illegible]; dam, 109[illegible].	[illegible] dams---	[illegible]	6,484	[illegible].0	327
Herd Owner, Virgil Cook, Callao.	Difference---	(6-6-6)	+1,529	+.7	+129
ST. MAWES TRILBY BARONET [illegible]	[illegible] dams---	[illegible]	8,952	[illegible]	468
Born, 5-7-36; proved, 10-10-49; dead; Oreg.	6 dams-------	[illegible]	[illegible]	[illegible].4	[illegible]
Sire, 360430; dam, 981608.	Difference---	(5-3-5)	+1,178	-.2	[illegible]
Herd Owner, Edgecliff Jersey Farm, Canby.					
SIGNAL BRAVO DESIGN REX [illegible]	6 daughters--	6	7,429	[illegible]	409
Born, 11-21-43; proved, 10-12-49; alive; Tex.	[illegible] dams-------	16	7,380	5.4	[illegible]
Sire, 378566; dam, 1300354.	Difference---	(3-4-3)	+49	+.1	+14
Herd Owner, R. O. Kook, [illegible].					
SIGNAL EXCELLA'S DESIGN 431207 *13	15 daughters-	22	[illegible]	5.4	482
Born, 10-7-41; proved, 10-27-49;----; Ill.	[illegible] dams-------	60	8,602	[illegible]	460
Sire, 393529; dam, 1110278.	Difference---	(7-8-8)	+310	+.1	+22
Used in Southeastern A. B. A., N. C.					
SOVICTOR PRIMATE POGIS 414427	9 daughters--	11	7,718	5.0	368
Born, 11-25-38; proved, 10-13-49; dead; Ohio.	7 daughters--	8	7,278	5.2	376
Sire, 379085; dam, 1017106.	7 dams-------	11	7,803	5.4	422
Herd Owner, Murphy & Miller, Bethesda.	Difference---	(3-2-2)	-525	-.2	-46
SUNNY SLOPE FAUVIC 452663 *(July 1949)	10 daughters-	15	7,821	5.4	420
Born, 12-7-38; proved, 10-27-49; dead; Wis.	10 dams------	63	8,409	5.5	461
Sire, 328987; dam, 1171506.	Difference---	(2-2-2)	-588	-.1	-41
Used in Land O'Lakes Creameries, Inc., Minn., (A. B. A.).					
SYBIL KING TUT BOY 415159 *13	9 daughters--	14	7,949	5.7	453
Born, 6-16-40; proved, 10-13-49; alive; N. J.	9 dams-------	41	8,460	5.7	480
Sire, 373611; dam, 1084937.	Difference---	(5-5-3)	-511	.0	-27
Used in Plainsboro A. B. A.					
SYBIL STOCKWELL BOY 406995 *12	25 daughters-	79	8,180	5.2	423
Born, 9-28-39; proved, 10-11-49; dead; Pa.	25 dams------	140	7,898	4.9	390
Sire, 368386; dam, 1134070.	Difference---	(15-16-15)	+282	+.3	+33
Used in Central Ohio Co-op. A. B. A., Ohio.					
VALIANT STANDARD FRANCIS 391781 *(June 1949)	35 daughters-	39	7,135	4.6	331
Born, 11-11-37; proved, 10-13-49;----; Minn.	12 daughters-	13	6,477	4.7	304
Sire, 365317; dam, 1097665.	12 dams------	12	7,241	4.7	337
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(7-7-7)	-764	.0	-33
VICTOR HOPE DUKE 447531	10 daughters-	11	6,674	5.9	395
Born, 12-9-42; proved, 10-7-49;----; Wis.	8 daughters--	9	6,694	5.9	395
Sire, 403809; dam, 1100915.	8 dams-------	18	6,981	5.6	391
Herd Owner, William Heebink, Baldwin.	Difference---	(3-7-4)	-287	+.3	+4
VIOLETTY'S BLONDE PRINCE 434773	12 daughters-	15	6,091	5.3	321
Born, 1-3-42; proved, 10-13-49; alive; Pa.	9 daughters--	11	6,505	5.3	342
Sire, 342993; dam, 1077943.	9 dams-------	[illegible]	6,832	5.4	368
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(3-3-3)	-327	-.1	-26
VOLUNTEER STANDARD LADDIE 455708	7 daughters--	7	9,917	6.2	614
Born, 2-22-44; proved, 10-12-49; alive; Oreg.	6 daughters--	6	10,147	6.1	620
Sire, 415683; dam, 1182397.	6 dams-------	10	10,304	5.5	562
Herd Owner, Frank Schutzwohl, Grants Pass.	Difference---	(4-6-4)	-157	+.6	+58
WALLACE STANDARD FREDDY 422391	13 daughters-	24	6,580	5.5	363
Born, 9-12-40; proved, 10-25-49;----; Wis.	5 daughters--	8	5,744	5.6	323
Sire, 375019; dam, 1131683.	5 dams-------	12	7,852	4.6	362
Herd Owner, Lindahl Hall & Son, Westby.	Difference---	(0-5-1)	-2,108	+1.0	-39
WALNUT BASILEUS 449709	6 daughters--	6	6,547	5.0	330
Born, 4-27-43; proved, 10-10-49;----; Md.	6 dams-------	21	6,632	5.3	350
Sire, 91299 CJCC; dam, 52280 CJCC.	Difference---	(3-2-2)	-85	-.3	-20
Herd Owner, N. C. Stiles & Sons, Rockville.					
WINDMOOR GLOSSY OWL 419185	7 daughters--	11	8,577	5.2	447
Born, 11-1-40; proved, 10-10-49; dead; Kans.	7 dams-------	18	7,436	5.8	433
Sire, 361079; dam, 1126312.	Difference---	(5-0-4)	+1,141	-.6	+14
Herd Owner, Clyde H. Ewing, Arlington.					
WOOD ACRES VALIANT PINN 440706	5 daughters--	5	8,335	4.8	399
Born, 7-16-42; proved, 10-26-49;----; Kans.	5 dams-------	11	6,733	5.0	335
Sire, 423959; dam, 1262438.	Difference---	(5-1-4)	+1,602	-.2	+64
Herd Owner, George E. Schurle, Manhattan.					
W. W. MAID'S DESIGN 390864 *13	40 daughters-	79	7,785	5.3	414
Born, 11-18-37; proved, 10-24-49; alive; Md.	15 daughters-	23	7,785	5.3	409
Sire, 336549; dam, 1027361.	15 dams------	36	8,082	4.9	396
Used in Maryland Co-op. A. B. A., Inc.	Difference---	(7-14-9)	-297	+.4	+13

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
XENIA OXFORD DESIGN 417674----------	9 daughters--	11	5,147	5.9	305
Born, 1-31-40; proved, 10-25-49;----; Ind.	9 dams-------	20	6,307	5.5	347
Sire, 392646; dam, 1105220.	Difference---	(3-7-4)	-1,160	+.4	-42
Herd Owner, Mendal Livezey, Muncie.					

SHORTHORN SIRES

BONNIE'S ROAN ROBIN 2041234----------	7 daughters--	9	8,881	3.7	328
Born, 9-30-40; proved, 10-10-49;----; Minn.	6 daughters--	8	9,122	3.7	337
Sire, 1900317; dam, 1720139.	6 dams-------	35	8,781	3.9	340
Herd Owner, George Schwartau, Cannon Falls.	Difference---	(4-2-2)	+341	-.2	-3
BORG'S RED GIFT 2D 2102738----------	9 daughters--	12	10,408	4.0	419
Born, 1-17-42; proved, 10-17-49; alive; Mich.	5 daughters--	7	10,966	3.9	429
Sire, 1881043; dam, 1951537.	5 dams-------	7	10,532	3.8	403
Herd Owner, Jasper M. Godfrey, Parma.	Difference---	(4-5-4)	+434	+.1	+26
DUALKYNE RUPERT (TWIN) 2078954----------	12 daughters-	15	7,646	4.1	315
Born, 9-6-40; proved, 10-17-49;----; Wis.	7 daughters--	8	7,634	4.1	311
Sire, 1767040; dam, 1868391.	7 dams-------	10	6,345	4.0	257
Herd Owner, Donald Taylor, River Falls.	Difference---	(6-4-6)	+1,289	+.1	+54
PARKSTAN'S LORD CHARMING 2085851----------	7 daughters--	11	10,266	3.9	399
Born, 7-28-41; proved, 10-19-49; dead; Va.	6 daughters--	10	10,053	3.9	396
Sire, 1931067; dam, 1825873.	6 dams-------	15	8,181	4.1	339
Herd Owner, Dairylou Farms, Herndon.	Difference---	(5-4-5)	+1,872	-.2	+57
RIVERPARK ACHIEVER 2083601 *13----------	8 daughters--	11	7,721	4.1	319
Born, 7-9-41; proved, 10-27-49;----; Minn.	8 dams-------	31	6,231	3.9	243
Sire, 1878308; dam, 1693649.	Difference---	(5-6-5)	+1,490	+.2	+76
Used in Land O'Lakes Creameries, Inc. (A. B. A.).					
VILLAGE DENVER LAD 2110661----------	8 daughters--	10	7,136	4.2	301
Born, 12-23-41; proved, 10-17-49;----; Va.	6 daughters--	7	7,261	4.1	299
Sire, 1983782; dam, 1980686.	6 dams-------	13	7,309	4.0	291
Herd Owner, Philip Connors, Middleburg.	Difference---	(3-5-4)	-48	+.1	+8

AMERICAN DAIRY CATTLE CLUB SIRES

BONNIE'S FERDNAND OF STANSWISS 717
(This sire is also a registered Brown Swiss "Bonnie's Ferdnand of Stanswiss 58918." Proved Sire data included in Brown Swiss listing.)

CORNELL BLEND REPEATER 584
(This sire is also a registered Holstein "Cornell Blend Repeater 776652." Proved Sire data included in Holstein listing.)

IDYLBROOK CLEOPATRICK 966
(This sire is also a registered Guernsey "Idylbrook Cleopatrick 350867." Proved Sire data included in Guernsey listing.)

SYBIL STOCKWELL BOY 224
(This sire is also a registered Jersey "Sybil Stockwell Boy 406995." Proved Sire data included in Jersey listing.)

WINTERTHUR FOBES KING WINDSOR 460
(This sire is also a registered Holstein "Winterthur Fobes King Windsor 835914." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement Association Letter Vol. 25, No. 12
December 1949

QUARTERLY REPORT ON SIRES USED IN ARTIFICIAL-BREEDING ASSOCIATIONS

With the continued growth of the artificial-breeding program in this country, fewer and fewer sires will be needed to maintain our dairy cattle population. But every sire in service will have a greater influence on the inheritance of our future herds.

The sires used for artificial-breeding service are carefully selected on the basis of proved-sire and production data that indicate their breeding worth. About 26 percent of the sires now in service were proved in DHIA herds. The daughters of these sires have the high average butterfat production of 436 pounds. The remaining 74 percent of the sires in service were selected on the basis of partial proved-sire data and the production performance of the families of the sires.

While every effort is made to select only worthy sires for use in artificial breeding, there is a growing need for periodic up-to-date information on the production performance of all daughters of each sire in artificial-breeding service. This information is needed to indicate the inheritance that is actually being disseminated to herds enrolled in artificial-breeding associations.

To meet the urgent need for current data, the Bureau of Dairy Industry will compile quarterly reports showing the average production of all daughters of each ABA sire. Special punch card tabulating machines have been installed on which the voluminous data can be quickly compiled and summarized.

The reports will eventaully include data on every sire ever used in artificial-breeding associations. The first quarterly report will be compiled April 1, 1950, and will include the sires listed by the State extension dairymen in their January 1, 1950, reports on the status of the artificial-breeding-association program in the States.

DHIA PROVED-SIRE RECORDS TABULATED IN NOVEMBER 1949

Following is a list of 370 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in November 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association. the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ARDROSSAN HILDA'S BELLEVUE 62419*10----------	39 daughters-	91	8,052	4.2	335
Born, 7-3-38; proved, 11-3-49;----; Pa.	34 daughters-	81	8,039	4.2	336
Sire, 40892; dam, 131216.	34 dams------	104	7,998	4.2	332
Herd Owner, Ardrossan Farms, Ithan.	Difference---	(23-24-22)	+41	.0	+4
ASH GROVE DEFERRED 70447*(Apr. 1949)----------	14 daughters-	17	7,997	4.3	340
Born, 3-18-42; proved, 11-22-49; dead; N. Y.	12 daughters-	14	8,310	4.3	355
Sire, 49831; dam, 149956.	12 dams------	29	7,447	4.0	296
Herd Owner, Ash Grove Farms, Saratoga Springs.	Difference---	(8-10-8)	+863	+.3	+59
BURNSIDE MARKED COPY, IMP. 77640----------	10 daughters-	12	7,515	4.0	301
Born, 12-23-42; proved, 11-28-49;----; Mass.	7 daughters--	7	7,218	4.1	294
Sire, 51391; dam, 186440.	7 dams-------	15	7,749	3.9	301
Herd Owner, Castle Hill Farm, Whitinsville.	Difference---	(4-6-5)	-531	+.2	-7
CRAIGHURST PRESTON 74273*(Mar. 1949)----------	15 daughters-	18	9,184	4.0	372
Born, 9-24-41; proved, 11-21-49;----;N. Y.	15 dams------	72	9,683	4.1	392
Sire, 47707; dam, 236255.	Difference---	(7-8-6)	-499	-.1	-20
Herd Owner, Craighurst Farm, Rome.					
GLENGARRY BURTON, IMP. 70406*12----------	26 daughters-	43	10,074	4.2	420
Born, 11-1-40; proved, 11-22-49;----; Calif.	16 daughters-	21	10,183	4.3	434
Sire, 64582; dam, 250126.	16 dams------	38	9,292	4.3	400
Herd Owner, La Franchi Brothers, Calistoga.	Difference---	(10-8-10)	+891	.0	+34
HIMROD'S GOLDEN SUNSHINE 63488*12----------	14 daughters-	34	8,280	4.1	340
Born, 1-4-40; proved, 11-4-49; dead; N. Y.	13 daughters-	33	8,053	4.1	331
Sire, 48643; dam, 150739.	13 dams------	46	7,277	4.2	302
Herd Owner, Wayne F. Foster, Cherry Creek.	Difference---	(8-7-9)	+776	-.1	+29
LANEWAY DOUBLE LINTEL 65355*12----------	24 daughters-	44	7,832	4.2	330
Born, 9-4-40; proved, 11-30-49; dead; N. Y.	23 daughters-	40	7,868	4.2	331
Sire, 51577; dam, 189153.	23 dams------	124	8,767	4.2	370
Herd Owner, Morgan S. Myers & Son, Barnerville.	Difference---	(5-15-6)	-899	.0	-39
PENN SPRING AMERICAN STAR 67174----------	8 daughters--	13	9,403	4.1	385
Born, 1-9-41; proved, 11-1-49;----; N. H.	5 daughters--	9	9,591	4.0	386
Sire, 48728; dam, 119637.	5 dams-------	20	9,395	4.0	378
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(3-5-3)	+196	.0	+8
PRIDE'S PRINCE OF LIND-AYR 79954----------	12 daughters-	16	7,653	4.3	327
Born, 7-28-42; proved, 11-1-49; dead; N. Y.	11 daughters-	15	7,746	4.2	327
Sire, 58167; dam, 231625.	11 dams------	27	7,478	4.3	322
Herd Owner, Harrison B. Toby & Sons, Lindley.	Difference---	(5-6-6)	+268	-.1	+5
PRINCE PERHAPS OF BART 53805----------	37 daughters-	80	7,635	4.0	303
Born, 1-30-36; proved, 11-28-49;----; Pa.	9 daughters--	14	7,570	4.0	306
Sire, 46453; dam, 129757.	9 dams-------	16	8,679	3.9	341
Herd Owner, Milton M. Brubaker, Lititz.	Difference---	(4-6-4)	-1,109	+.1	-35
SHIRLEY-AYR BANNER MAN, IMP. 65052*13----------	30 daughters-	44	8,029	3.9	314
Born, 7-18-40; proved, 11-30-49; dead; Ohio.	29 daughters-	43	8,014	3.9	314
Sire, 59660; dam, 233077.	29 dams------	85	8,488	3.7	311
Herd Owner, John C. & Ethel Bates, Steubenville.	Difference---	(12-21-15)	-474	+.2	+3
SPRINGBURN GOLDEN CROSS, IMP. 70929----------	19 daughters-	30	7,782	3.8	298
Born, 5-5-38; proved, 11-22-49;----; Wash.	11 daughters-	13	7,544	3.8	284
Sire, 52355; dam, 218396.	11 dams------	42	9,551	3.8	365
Herd Owner, Ralph B. Le Cocq, Custer.	Difference---	(1-5-1)	-2,007	.0	-81
STRATHGLASS GOLDEN CREAM, IMP. 52846----------	27 daughters-	48	6,853	4.1	283
Born, 12-9-35; proved, 11-3-49; dead; Ariz.	12 daughters-	17	7,602	4.1	310
Sire, 52845; dam, 172594.	12 dams------	21	7,331	3.9	285
Herd Owner, L. J. Lewis & L. D. Klemmedson, Phoenix.	Difference---	(8-8-8)	+271	+.2	+25
WAR BOND OF SOUTH FARM 72474*13----------	13 daughters-	16	6,190	3.9	239
Born, 6-20-42; proved, 11-21-49; dead; Ohio.	12 daughters-	15	6,125	3.9	237
Sire, 62571; dam, 128496.	12 dams------	51	9,246	3.8	348
Herd Owner, John P. Siemon & Sons, Kenton.	Difference---	(1-9-1)	-3,121	+.1	-111

[illegible]	[illegible]	[illegible] averaged	Milk	[illegible]	[illegible]
	Number	[illegible]	[illegible]	Percent	Pounds
WHITE IN HEAD [illegible]	[illegible] daughters	11	8,603	[illegible]	[illegible]
Born, 4-[illegible]; proved, [illegible]; [illegible]	[illegible] dams	[illegible]	7,976	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	Difference---	[illegible]	+627	-.1	+17
Herd Owner, Norman; [illegible] Norrington					

BROWN SWISS SIRES

BARON'S MAJOR OF HILLSDALE [illegible]	6 daughters--	[illegible]	8,737	4.1	359
Born, [illegible]; proved, 11-1-4[illegible];----; Iowa.	6 dams-------	16	9,054	3.7	333
Sire, [illegible] dam, 62933.	Difference---	(3-6-3)	-317	+.4	+26
Herd Owner, Glenn Baughman, Sac City.					
DAISY'S CHAMPION BARON 48160*(Apr. 1947)	8 daughters--	12	10,444	[illegible]	403
Born, 6-[illegible]0; proved, 11-9-49;----; Iowa.	8 dams-------	37	10,480	3.8	[illegible]
Sire, 25046; dam, 47946.	Difference---	(4-5-5)	-36	+.1	+7
Used in Dairy Genetics Co., Inc. (A. B. A.)					
DIXON LANCASTER BOY 55027	12 daughters-	16	8,428	[illegible]	[illegible]
Born, 7-10-42; proved, 11-15-49;----; Ill.	6 daughters--	6	[illegible]	3.8	350
Sire, 47248; dam, 77212.	6 dams-------	[illegible]	8,822	[illegible]	[illegible]
Herd Owner, William Ochsner, Dakota.	Difference---	(2-2-3)	+293	-.1	+4
DUKE DAN OF ELMHURST 36887*9	[illegible] daughters-	138	10,765	4.2	447
Born, 9-24-34; proved, 11-30-49;----; Minn.	40 daughters-	[illegible]	11,062	4.2	459
Sire, 23631; dam, 23786.	40 dams------	[illegible]	9,928	[illegible]	[illegible]
Herd Owner, Glade Rendall, Delavan.	Difference	(27-33-30)	+1,134	+.3	+69
HAZEL'S VICTORY 59936*(Apr. 1949)	12 daughters-	[illegible]	12,886	3.9	499
Born, 7-16-42; proved, 11-2-49; alive; Nebr.	9 daughters--	10	12,731	[illegible]	495
Sire, 43899; dam, 66397.	[illegible] dams-------	24	9,977	4.0	[illegible]
Used in Douglas Co-op. A. B. A.	Difference---	(8-4-8)	+2,754	-.1	+97
JUDD'S BRIDGE DEMONSTRATOR 59454	5 daughters--	[illegible]	12,210	4.2	[illegible]
Born, 5-13-43; proved, 11-8-49; alive; N. J.	[illegible] dams-------	21	10,992	4.0	437
Sire, 48672; dam, 38782.	Difference---	(3-4-4)	+1,218	+.2	+70
Herd Owner, Active Acres Farm; Princeton.					
NANCY'S MAIDEN BOY 54975	7 daughters--	9	11,195	3.9	441
Born, 3-1-42; proved, 9-1-49;----; N. H.	7 dams-------	23	11,285	3.9	443
Sire, 42937; dam, 85216.	Difference---	(4-5-4)	-90	.0	-2
Herd Owner, Alexander Lincoln, Jr., Meredith.					
PEARSON'S COLLEGE BOY 56792	8 daughters--	10	11,208	4.1	[illegible]
Born, 10-3-42; proved, 11-2-49;----;Iowa.	8 dams- ----	29	10,597	4.0	[illegible]
Sire, 45435; dam, 63615.	Difference---	(7-6-7)	+611	+.1	+42
Herd Owner, Iowa State College Dairy Farm, Ames.					
SULLIVAN CADET (TWIN) 60587	5 daughter--	7	7,681	4.0	[illegible]
Born, 9-30-42; proved, 11-3-49;----; Ill.	5 dams------	14	10,797	3.7	400
Sire, 40480; dam, 68574.	Difference---	(0-5-0)	-3,116	+.3	-82
Herd Owner, George Ylonen, Antioch.					
WANDA'S BUD OF ROSELAND 48344*13	11 daughters-	20	11,001	4.0	445
Born, 3-16-40; proved, 11-3-49;----; [illegible]	10 daughters-	[illegible]	11,210	4.0	451
Sire, 31302; dam, 70019.	10 dams------	37	11,090	4.1	450
Herd Owner, Wagler Brothers, Pekin.	Difference-	(6-6-6)	+120	-.1	+1

GUERNSEY SIRES

ADELMER'S CORONATION ESQUIRE [illegible]	22 daughter--	[illegible]	7,718	[illegible]	402
Born, 9-10-40; proved, 11-1-49; alive; Minn.	22 dams------	84	7,042	4.9	345
Sire, 257582; dam, 443656.	Difference---	(15-17-17)	+676	+.3	+57
Used in Land O'Lakes Creameries, Inc. (A. B. A.)					
ADELMER'S SARGON EXALTER 296658*[illegible]	19 daughters-	[illegible]	8,211	[illegible]	[illegible]
Born, 12-13-40; proved, 11-1-49; dead; Wis.	18 daughters-	[illegible]	8,285	4.7	[illegible]
Sire, 211402; dam, 449807.	18 dams------	78	[illegible],958	4.9	[illegible]
Herd Owner, Hubert P. Kipp, North Prairie.	Difference---	(11-5-10)	+[illegible]27	-.2	-1
ANTIETAM GYPSY KING 301944*13	32 daughters-	39	8,308	4.8	396
Born, 3-20-40; proved, 11-17-49;----; Pa.	26 daughters-	[illegible]	8,267	4.8	[illegible]
Sire, 231275; dam, 423608.	[illegible] dams------	[illegible]	8,161	5.1	413
Herd Owner. William F. Fretz, Pipersville.	Difference---	(15-8-10)	+106	-.3	-19
ANTIETAM ROYAL BLEND 296950	17 daughters-	21	7,691	[illegible]	364
Born, 12-15-40; proved, 11-8-49;----; Md.	9 daughters--	11	7,956	[illegible]	388
Sire, 257353; dam, 396680.	9 dams-------	20	9,224	[illegible]	463
Herd Owner, R. Newell Stagg, Snow Hill.	Difference---	(2-4-2)	-1,268	-..	-75

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ARGILLA MONOGRAM 262093----------	10 daughters-	10	6,646	4.3	286
Born, 2-9-38; proved, 11-15-49;----; Vt.	9 daughters--	9	6,597	4.3	284
Sire, 203950; dam, 431032.	9 dams-------	12	7,504	4.6	343
Herd Owner, Irwin A. White, Greensboro.	Difference---	(3-1-3)	-907	-.3	-59
BARBARA'S PRINCE OF HAZEN 339398----------	5 daughters--	5	6,136	4.8	295
Born, 4-5-42; proved, 11-1-49;----; Pa.	5 dams-------	14	7,253	4.3	310
Sire, 245711; dam, 547503.	Difference---	(1-4-2)	-1,117	+.5	-15
Herd Owner, K. F. Anderson, Kerrmoor.					
BEACHY FARM FASHIONMAKER 316223----------	5 daughters--	8	10,030	4.7	476
Born, 11-6-41; proved, 11-14-49;----; Kans.	5 dams-------	14	10,403	4.4	463
Sire, 268902; dam, 577264.	Difference---	(2-4-3)	-373	+.3	+13
Herd Owner, Roy Neher, Oswego.					
BEAUTY'S PRIDE LADDIE 333238----------	5 daughters--	6	7,295	5.1	369
Born, 10-30-42; proved, 11-29-49;----; Oreg.	5 dams-------	11	8,955	5.2	463
Sire, 316634; dam, 621019.	Difference---	(2-3-2)	-1,660	-.1	-94
Herd Owner, Hugh Callahan, Gaston.					
BERESFORD'S FERDINAND 273653*12----------	18 daughters-	40	7,607	4.7	358
Born, 1-21-39; proved, 11-4-49; dead; Mich.	14 daughters-	33	7,709	4.7	365
Sire, 209639; dam, 501476.	14 dams------	45	8,106	4.7	378
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-10-3)	-397	.0	-13
BONNIE'S SILVER OF MUNROHOLM 283078*10----------	19 daughters-	38	7,840	5.1	401
Born, 9-19-39; proved, 11-28-49; dead; N. Y.	19 dams------	79	9,201	5.0	461
Sire, 197691; dam, 353280.	Difference---	(4-14-5)	-1,361	+.1	-60
Herd Owner, Arthur Mapstone, Skaneateles.					
BONNY'S LAD OF SUNESLOPE 283090----------	8 daughters--	18	9,020	4.8	431
Born, 7-11-39; proved, 11-30-49;----; Iowa.	7 daughters--	16	8,918	4.8	425
Sire, 238383; dam, 477219.	7 dams-------	31	8,382	4.5	373
Herd Owner, Donald W. Pratt, Glidden.	Difference---	(6-6-5)	+536	+.3	+52
BORO SIDE TRIUMPH 288570----------	7 daughters--	14	6,447	4.8	309
Born, 1-8-40; proved, 11-9-49;----; Pa.	5 daughters--	11	6,319	4.8	305
Sire, 249066; dam, 296508.	5 dams-------	16	8,068	4.7	380
Herd Owner, John Emig, York.	Difference---	(0-3-1)	-1,749	+.1	-75
BOULDER BRIDGE CHAMPION 275215----------	6 daughters---	10	7,231	5.2	374
Born, 2-9-39; proved, 11-15-49;----; Ill.	5 daughters--	9	7,476	5.1	382
Sire, 216336; dam, 340050.	5 dams-------	9	7,836	4.8	380
Herd Owner, Dee Rains, West York.	Difference---	(3-3-2)	-360	+.3	+2
BOULDER BRIDGE GOLDDROP 267859*12----------	20 daughters-	31	7,597	4.8	367
Born, 6-6-38; proved, 11-1-49; dead; Minn.	14 daughters-	22	7,872	4.7	367
Sire, 216336; dam, 477997.	14 dams------	23	7,144	5.2	370
Herd Owner, H. C. Hanson & Son, Barnum.	Difference---	(9-3-7)	+728	-.5	-3
BOURNEDALE SENSATION'S HECTOR 340554----------	7 daughters--	9	8,009	5.0	403
Born, 4-10-43; proved, 11-30-49;----; Va.	5 daughters--	7	8,721	5.0	436
Sire, 223212; dam, 551284.	5 dams-------	11	6,345	5.0	316
Herd Owner, E. C. C. Woods, Hanover.	Difference---	(4-3-5)	+2,376	.0	+120
BRANDTJEN'S JACK 322589----------	8 daughters--	11	7,402	4.9	362
Born, 4-4-42; proved, 11-14-49;----; Minn.	8 dams-------	24	6,915	5.3	365
Sire, 268142; dam, 507012.	Difference---	(6-1-4)	+487	-.4	-3
Herd Owner, Wimmer Brothers, Lake City.					
BROADLAND CARDIGAN 285165----------	12 daughters-	13	7,842	5.2	410
Born, 10-16-39; proved, 11-17-49;----; Md.	8 daughters--	8	7,260	5.3	388
Sire, 252964; dam, 310032.	8 dams-------	17	8,251	5.1	423
Herd Owner, Doughoregan Manor, Ellicott City.	Difference---	(2-6-2)	-991	+.2	-35
BROADLAND CHIEFTAIN 276129----------	7 daughters--	13	8,466	4.7	400
Born, 2-9-39; proved, 11-22-49;----;Md.	5 daughters--	10	8,326	4.5	371
Sire, 232361; dam, 387026.	5 dams-------	9	9,365	4.7	436
Herd Owner, Kennersley Farm, Church Hill.	Difference---	(1-3-1)	-1,039	-.2	-65
BROADVIEW'S FEARLESS COLONEL 273715----------	14 daughters-	15	7,618	4.8	366
Born, 2-13-39; proved, 11-30-49;----; Va.	6 daughters--	7	7,947	4.8	384
Sire, 245201; dam, 421216.	6 dams-------	9	7,450	4.7	348
Herd Owner, Mrs. C. F. Cooley & Sons, Edinburg.	Difference---	(3-6-3)	+497	+.1	+36
BUCK-MOR PEARL'S SEQUEL 270706*12----------	12 daughters-	36	8,906	5.0	441
Born, 9-19-38; proved, 11-1-49;----; Wash.	12 dams------	35	9,157	4.6	420
Sire, 240165; dam, 300700.	Difference---	(7-11-8)	-251	+.4	+21
Herd Owner, Herbert A. Nelson, Bremerton.					
CALIBUR OF WALNUT LANE 299578*12----------	16 daughters--	26	8,691	5.0	436
Born, 7-4-39; proved, 11-8-49; dead; Mich.	16 dams------	46	8,736	5.0	441
Sire, 209639; dam, [illegible].	Difference---	(9-9-9)	-45	.0	-5
Herd Owner, Miles Skinner & Son, Berrien Center.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
CATHEDRAL BILL RILMA 278150----------	10 daughters--	16	7,230	5.1	366
Born, 7-27-39; proved, 11-23-49;----; Pa.	6 daughters---	8	6,678	5.1	342
Sire, 188828; dam, 421823.	6 dams--------	14	7,690	5.3	410
Used in Lehigh Valley Co-op. A. B. A.	Difference----	(0-2-0)	-1,012	-.2	-68
CESOR BON-TON'S KING 270999*10----------	16 daughters--	48	7,416	5.1	381
Born, 5-11-38; proved, 11-14-49; dead; Ill.	15 daughters--	45	7,514	5.2	387
Sire, 235378; dam, 398735.	15 dams-------	66	8,030	5.2	416
Herd Owner, George C. Fairweather, Barrington.	Difference----	(4-7-5)	-516	.0	-29
CHES-MAR'S VALIANT 332867----------	8 daughters---	8	8,502	4.8	409
Born, 6-6-42; proved, 11-28-49;----; Minn.	6 daughters---	6	9,045	4.7	427
Sire, 178871; dam, 379627.	6 dams--------	6	9,047	4.4	401
Herd Owner, Roger Albright, Kenyon.	Difference----	(3-5-4)	-2	+.3	+26
CHICONA LOUIS 286438*12----------	20 daughters--	41	9,461	5.1	481
Born, 10-28-39; proved, 11-30-49; dead; Idaho.	16 daughters--	35	9,761	5.1	496
Sire, 279460; dam, 608848.	16 dams-------	51	9,658	5.0	481
Herd Owner, Charles J. Pritzl, New Plymouth.	Difference----	(9-10-9)	+203	+.1	+15
CLEARFIELD TOMMY 339291----------	7 daughters---	7	8,497	5.0	426
Born, 7-5-43; proved, 11-30-49;----; Pa.	7 dams--------	18	7,892	4.7	371
Sire, 268515; dam, 533443.	Difference----	(5-6-5)	+605	+.3	+55
Herd Owner, Ralph C. Handley, Meadville.					
CLERMONT MAY'S KING 333078----------	8 daughters---	11	6,786	5.2	354
Born, 12-28-42; proved, 11-17-49;----; Iowa.	6 daughters---	8	6,457	5.3	342
Sire, 284597; dam, 699988.	6 dams--------	13	7,269	5.1	373
Herd Owner, Charles Winter, Wadena.	Difference----	(3-4-3)	-812	+.2	-31
COLDSPRING'S HARDWICK CONSORT 283305*13----------	24 daughters--	51	9,527	4.6	440
Born, 10-31-39; proved, 11-14-49; dead; Pa.	18 daughters--	36	9,413	4.6	435
Sire, 207097; dam, 468549.	18 dams-------	90	9,978	4.7	468
Herd Owner, Goodleigh Farm, Dallas.	Difference----	(6-9-8)	-565	-.1	-33
COLORADO KING VALOR 306546*13----------	14 daughters--	22	8,500	5.2	438
Born, 6-27-41; proved, 11-8-49;----; Idaho.	13 daughters--	21	8,282	5.1	426
Sire, 249210; dam, 416731.	13 dams-------	24	8,118	4.9	398
Used in Dairy Genetics Co., Inc., Iowa. (A. B. A.)	Difference----	(6-10-7)	+164	+.2	+28
CREEK SIDE COUNT CARTERET 285149----------	7 daughters---	14	7,229	4.5	328
Born, 11-7-39; proved, 11-1-49;----; Ill.	6 daughters---	13	7,487	4.6	344
Sire, 246074; dam, 436358.	6 dams--------	16	7,849	4.5	350
Herd Owner, Carl M. Huck, Patatine.	Difference----	(2-4-2)	-362	+.1	-6
DEMON'S AMBASSADOR OF M. H. 296489----------	13 daughters--	23	7,191	5.0	359
Born, 9-15-40; proved, 11-14-49;----; Maine.	12 daughters--	20	7,236	5.0	359
Sire, 203856; dam, 422537.	12 dams-------	31	6,786	5.0	343
Herd Owner, Laudholm Farms, Wells.	Difference----	(8-7-8)	+450	.0	+16
ETH-MEAD LENORE'S STEADFAST 273697----------	6 daughters---	7	7,654	4.4	338
Born, 2-20-39; proved, 11-23-49;----; Mich.	5 daughters---	6	7,307	4.5	327
Sire, 205128; dam, 404056.	5 dams--------	11	7,897	4.8	377
Herd Owner, Hickory Shores, Delton.	Difference----	(3-1-1)	-590	-.3	-50
ETH-MEAD M PHILOSOPHER 337293----------	11 daughters--	13	7,442	5.0	375
Born, 9-28-42; proved, 11-2-49;----; Mich.	10 daughters--	10	7,469	5.0	370
Sire, 231556; dam, 644168.	10 dams-------	26	8,664	4.9	422
Herd Owner, Premier Farms, Rochester.	Difference----	(2-6-2)	-1,195	+.1	-52
FAIRACRES ROYAL KNIGHT 285376----------	8 daughters---	13	7,230	4.5	323
Born, 10-29-39; proved, 11-1-49;----; W. Va.	7 daughters---	12	7,778	4.5	347
Sire, 244116; dam, 438435.	7 dams--------	18	6,769	4.7	315
Herd Owner, W. Frank Elliott, Hookstown, Pa.	Difference----	(5-2-4)	+1,009	-.2	+32
FAIR FIELD PANSY'S PRINCE 339080----------	5 daughters---	5	8,873	5.1	450
Born, 3-17-43; proved, 11-17-49;----; Pa.	5 dams--------	23	8,799	4.9	431
Sire, 285939; dam, 676773.	Difference----	(2-4-3)	+74	+.2	+19
Herd Owner, Nelson D. Glick, Belleville.					
FANCIER OF WOODLAND 233494----------	5 daughters---	7	5,280	4.6	245
Born, 5-27-35; proved, 11-30-49;----; Wis.	5 dams--------	16	5,832	4.6	270
Sire, 149391; dam, 213776.	Difference----	(1-2-1)	-452	.0	-25
Herd Owner, Elmer C. Schmidt, Greenleaf.					
FARMLANDS ROYALMOST 317111----------	8 daughters---	14	9,266	4.7	357
Born, 11-13-41; proved, 11-8-49;----; Wash.	5 daughters---	8	9,085	4.7	424
Sire, 253976; dam, 457970.	5 dams--------	13	7,990	4.4	350
Herd Owner, Valley Gem Farms, Arlington.	Difference----	(4-4-3)	+1,095	+.3	+74
FISHKIN'S VAGABOND 271434*10----------	26 daughters--	33	6,256	4.5	282
Born, 10-20-38; proved, 11-8-49;----; Md.	23 daughters--	29	6,342	4.5	283
Sire, 231275; dam, 461386.	23 dams-------	77	6,185	4.7	294
Herd Owner, Martin W. Showalter, Hagerstown.	Difference----	(14-8-9)	+157	-.2	-11

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
FLYING HORSE MASTER'S PHIL 331808*13----------	20 daughters--	26	9,655	4.8	465
Born, 12-5-42; proved, 11-14-49;----; Wash.	20 dams-------	65	8,953	4.8	433
Sire, 277540; dam, 617121.	Difference----	(14-10-14)	+702	.0	+32
Herd Owner, Meyer Brothers, Olympia.					
FOREST OF WINDYMERE 337930----------	6 daughters---	7	9,470	4.7	442
Born, 4-10-43; proved, 11-3-49;----; Mich.	6 dams--------	18	8,762	4.3	375
Sire, 307739; dam, 634823.	Difference----	(5-6-5)	+708	+.4	+67
Herd Owner, Ernest J. Hartway & Son, Lenox.					
FORGES ROYAL LEADER 283030*13----------	16 daughters--	29	8,347	5.1	428
Born, 8-23-39; proved, 11-30-49;----; Idaho.	10 daughters--	18	8,702	5.1	441
Sire, 188495; dam, 410215.	10 dams-------	19	8,069	4.9	395
Herd Owner, Ernest Escott, Shelley.	Difference----	(8-7-8)	+633	+.2	+46
FREWVALE INDICATOR 310263----------	11 daughters--	11	6,917	5.0	345
Born, 7-24-41; proved, 11-9-49;----; Pa.	7 daughters---	7	7,001	5.0	347
Sire, 251835; dam, 557981.	7 dams--------	14	8,306	4.4	369
Herd Owner, Donald E. Weicksel, Christiana.	Difference----	(1-6-2)	-1,305	+.6	-22
FRISKY OF MYERSMEAD 278260----------	6 daughters---	6	9,570	5.3	510
Born, 4-16-39; proved, 11-22-49;----; Ind.	6 dams--------	21	8,603	5.0	429
Sire, 228676; dam, 480007.	Difference----	(5-5-6)	+967	+.3	+81
Herd Owner, I. W. Shensfield & Son, Plymouth.					
GAINOR'S BRIGHT BOY 332128----------	8 daughters---	10	7,503	4.6	348
Born, 10-28-42; proved, 11-4-49;----; Pa.	8 dams--------	16	8,127	4.9	401
Sire, 272727; dam, 556795.	Difference----	(4-2-3)	-624	-.3	-53
Herd Owner, Clyde H. Breneman, Willow Street.					
GARDENIUS'S VALIANT'S ROYAL 271038----------	9 daughters---	15	6,441	4.6	299
Born, 4-9-38; proved, 11-9-49;----; Wis.	6 daughters---	10	6,970	4.8	334
Sire, 207850; dam, 365178.	6 dams--------	14	6,885	5.0	346
Herd Owner, Homme Childrens Home, Wittenberg.	Difference----	(2-2-2)	+85	-.2	-12
GAY BOY'S GOVERNOR OF FULTON 291724*13----------	12 daughters--	23	8,359	5.3	446
Born, 12-31-39; proved, 11-4-49;----; Md.	11 daughters--	21	8,440	5.3	449
Sire, 190897; dam, 231422.	11 dams-------	34	8,100	5.1	413
Used in Maryland Co-op. A. B. A., Inc.	Difference----	(5-8-7)	+340	+.2	+36
GLENWATER CHALLENGER 352695----------	7 daughters---	9	10,438	4.9	513
Born, 6-3-43; proved, 11-17-49;----; Minn.	6 daughters---	7	10,816	4.9	533
Sire, 302835; dam, 608566.	6 dams--------	14	9,788	4.9	481
Used in Land O'Lakes Creameries, Inc. (A. B. A.)	Difference----	(4-3-3)	+1,028	.0	+52
GLYNWOOD'S ROSENDA TRAVELER 277919----------	10 daughters--	17	7,345	4.7	343
Born, 3-10-39; proved, 11-23-49;----; N. Y.	6 daughters---	10	7,158	4.6	328
Sire, 197360; dam, 501321.	6 dams--------	7	7,428	4.5	338
Herd Owner, Raymond M. Dann, De Lancey.	Difference----	(3-5-3)	-270	+.1	-10
GOLDEN GRANGE A. C. CONTRIBUTION 281731*12----------	10 daughters--	18	8,911	4.4	395
Born, 2-6-39; proved, 11-18-49;----; Ind.	10 dams-------	25	9,927	4.6	454
Sire, 248732; dam, 578714.	Difference----	(3-3-3)	-1,016	-.2	-59
Herd Owner, Preachers Aid Society, Winchester.					
GRASSLAND PAUL 269827*12----------	24 daughters--	39	7,624	4.4	337
Born, 1-13-39; proved, 11-4-49;----; Conn.	20 daughters--	33	7,828	4.4	345
Sire, 195677; dam, 441120.	20 dams-------	100	7,778	4.8	371
Herd Owner, Twin Wing Farm, Putnam.	Difference----	(10-4-10)	+50	-.4	-26
GREYHOLME VALIANT SENOR 269019*12----------	22 daughters--	33	7,845	4.8	378
Born, 8-8-38; proved, 11-8-49; dead; Conn.	16 daughters--	25	7,447	4.9	364
Sire, 206532; dam, 385031.	16 dams-------	28	8,597	4.9	424
Herd Owner, Oliver D. Tuller, West Simsbury.	Difference----	(2-9-1)	-1,150	.0	-60
HALLMARK HAPPY WARRIOR 269462----------	7 daughters---	8	6,960	4.9	343
Born, 9-20-38; proved, 11-30-49;----; N. J.	5 daughters---	6	7,462	4.9	365
Sire, 234128; dam, 298611.	5 dams--------	25	7,660	4.9	372
Herd Owner, Raymond Kirby, Columbus.	Difference----	(3-4-3)	-198	.0	-7
HOPE'S SON 301889*13----------	17 daughters--	35	7,529	5.0	375
Born, 12-18-40; proved, 11-28-49;----; Md.	16 daughters--	33	7,404	5.0	367
Sire, 258443; dam, 299701.	16 dams-------	73	8,046	4.7	377
Herd Owner, Eugene E. England, North East.	Difference----	(6-12-7)	-642	+.3	-10
HORSE SHOE KINGS OF SHANNOCK 285404*13----------	18 daughters--	32	7,957	4.7	376
Born, 3-22-40; proved, 11-9-49;----; Conn.	18 dams-------	67	8,055	4.9	394
Sire, 205129; dam, 484375.	Difference----	(9-6-7)	-98	-.2	-18
Herd Owner, Manatuck Farm, Stonington.					
IRIS' BEAULIEU OF POSKIN 267249----------	8 daughters---	17	8,183	5.0	410
Born, 6-24-38; proved, 11-17-49;----; Wis.	5 daughters---	9	8,743	4.9	430
Sire, 129133; dam, 546174.	5 dams--------	20	7,869	5.0	392
Herd Owner, Clyde C. McKee, Hillsdale.	Difference----	(4-2-4)	+874	-.1	+38

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
JONACRE CORONET MAJESTY 297507*12----------	1[illegible] daughters--	21	7,442	5.0	[illegible]
Born, [illegible]-23-40; proved, 11-17-49;----; Minn.	9 daughters---	18	7,960	4.9	[illegible]
Sire, 255925; dam, 523539.	9 dams--------	37	7,900	4.7	371
Herd Owner, L. C. Anderson & Son, Fairmont.	Difference----	(3-7-5)	-400	+.2	0
JOY'S INDEPENDENT OF MONDAMIN 286632*12----------	9 daughters---	[illegible]	7,[illegible]	4.9	393
Born, 10-5-39; proved, 11-17-49; dead; N. J.	9 dams--------	35	8,[illegible]4	5.1	446
Sire, 161961; dam, 464390.	Difference----	(2-4-2)	-689	-.2	-53
Herd Owner, George W. & Herbert T. Borden, Mickleton.					
KING'S STARLIGHT OF SUNNY DALE 332568----------	6 daughters---	6	6,7[illegible]	5.0	337
Born, 2-13-43; proved 11-15-49;----; Wis.	5 daughters---	5	6,623	[illegible].0	[illegible]
Sire, 265276; dam, 558872.	[illegible] dams--------	20	6,687	5.1	[illegible]44
Herd Owner, H. P. Jensen & Sons, River Falls.	Difference----	(3-2-3)	-64	-.1	-14
LAD'S MAJOR OF ARBY ACRES 315576*13----------	18 daughters--	18	8,682	5.3	464
Born, 10-26-41; proved, 11-1-49; dead; N. Y.	17 daughters--	17	8,799	5.3	469
Sire, 255115; dam, 542433.	17 dams-------	31	7,563	5.0	379
Herd Owner, Henry S. Nichols, Arcade.	Difference----	(11-9-12)	+1,236	+.3	+90
LANCE OF THOUSAND SPRINGS 239882*8----------	33 daughters--	81	9,005	5.1	[illegible]
Born, 4-17-36; proved, 11-1-49;----; Wash.	24 daughters--	60	8,925	[illegible].1	456
Sire, 196522; dam, 323464.	24 dams-------	101	9,347	4.7	438
Herd Owner, Woodhall-Dammrose, Walla Walla.	Difference----	(7-22-16)	-422	+.4	+18
LOMA GENTLEMAN'S AVIATOR 287817*13----------	14 daughters--	23	8,189	4.9	404
Born, 12-12-38; proved, 11-22-49; dead; Iowa.	9 daughters---	12	8,381	4.9	413
Sire, 213150; dam, 324314.	9 dams--------	27	7,786	5.0	[illegible]
Herd Owner, Loren J. Brown, Algona.	Difference----	(6-5-5)	[illegible]	-.1	+24
LORELAND MARQUETTE 281252----------	6 daughters---	7	7,11[illegible]	4.9	[illegible]
Born, 7-21-39; proved, 11-17-49;----; Ill.	5 daughters---	8	7,411	4.9	361
Sire, 225633; dam, 488671.	5 dams--------	8	7,711	5.[illegible]	411
Herd Owner, R. E. McCormick, Flora.	Difference----	(3-1-1)	-300	-.4	-50
LUCELLE'S JUPITER 286405----------	9 daughters---	1[illegible]	8,306	5.1	426
Born, 3-20-39; proved, 11-1-49;----; Mich.	8 daughters---	12	8,312	5.1	427
Sire, 254830; dam, 584485.	8 dams--------	22	6,790	4.7	[illegible]21
Herd Owner, Carl Schwass & Son, Scottville.	Difference----	(6-8-8)	+1,522	+.4	+106
LUXERIN TOWNSMAN 290779----------	20 daughters--	29	7,035	5.0	355
Born, 9-14-39; proved, 11-4-49;----; Wis.	14 daughters--	19	7,065	5.1	360
Sire, 209211; dam, 241109.	14 dams-------	61	6,767	4.9	333
Used in Tri-State Co-op. A. B. A.	Difference----	(7-9-8)	+298	+.2	+27
LUXERIN ULTIMAS 291604*13----------	22 daughters--	39	7,249	4.9	[illegible]
Born, 5-9-40; proved, 11-8-49; dead; Wis.	18 daughters--	33	7,533	4.8	360
Sire, 264695; dam, 518735.	18 dams-------	78	7,244	4.9	353
Herd Owner, Oley E. Berge, Valders.	Difference----	(10-10-12)	+289	-.1	+7
MAGGIE'S PROGRESS OF OAK GROVE 296098*13----------	18 daughters--	47	7,852	4.9	388
Born, 8-12-40; proved, 11-2-49; dead; Pa.	17 daughters--	43	7,803	4.9	385
Sire, 180880; dam, 400087.	17 dams-------	92	9,213	4.5	419
Used in Clarion Co. A. B. A.	Difference----	(2-13-4)	-1,410	+.4	-34
MASTERFUL'S JIM OF HILLSIDE 288643*13----------	16 daughters--	26	6,495	[illegible].7	308
Born, 5-23-40; proved, 11-3-49; dead; Pa.	15 daughters--	25	6,383	4.7	303
Sire, 207765; dam, 549473.	15 dams-------	59	6,221	4.4	275
Herd Owner, Clarence E. Reed, Slippery Rock.	Difference----	(10-15-11)	+162	+.3	+28
MASTERPIECE OF BURNLEY 273006----------	14 daughters--	26	7,765	4.8	375
Born, 5-20-37; proved, 11-17-49;----; Va.	8 daughters---	14	7,932	4.7	370
Sire, 147293; dam, 408421.	8 dams--------	19	8,596	4.3	371
Herd Owner, Mrs. G. E. Fisher & Sons, Gordonsville.	Difference----	(2-6-4)	-664	+.4	-1
MAY VALOR'S EMANCIPATOR 276386*12----------	13 daughters--	31	7,960	5.1	407
Born, 2-12-39; proved, 11-1-49; dead; Md.	7 daughters---	15	8,008	5.1	412
Sire, 237014; dam, 375876.	7 dams--------	17	8,814	4.8	422
Used in Maryland Co-op. A. B. A., Inc.	Difference----	(2-6-2)	-806	+.3	-10
MCDONALD FARMS GLAMOUR 319076----------	9 daughters---	10	8,783	4.9	434
Born, 7-4-41; proved, 11-1-49;----; Mo.	5 daughters---	6	9,117	4.9	448
Sire, 212227; dam, 557957.	5 dams--------	9	9,349	4.9	457
Herd Owner, W. J. Bublitz, Olathe, Kans.	Difference----	(2-3-2)	-232	.0	-9
MCDONALD FARMS GRANDEUR 321826*13----------	20 daughters--	27	7,328	4.9	363
Born, 12-8-41; proved, 11-9-49;----; Va.	16 daughters--	21	7,329	5.0	363
Sire, 233983; dam, 651229.	16 dams-------	50	8,092	4.8	386
Herd Owner, Rhodes & Whissen, Broadway.	Difference----	(6-12-7)	-763	+.2	-23
MCDONALD FARMS HUBERT 332292----------	7 daughters---	7	7,048	5.0	354
Born, 12-6-42; proved, 11-22-49;----; Maine.	6 daughters---	6	6,925	5.1	353
Sire, 293920; dam, 714043.	6 dams--------	8	6,931	4.9	338
Herd Owner, Woolworth Farms, Winthrop.	Difference----	(2-3-4)	-6	+.2	+15

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MEADOW BROOK'S SILVER TOP 269845*12----------	22 daughters--	64	8,240	4.9	403
Born, 11-3-38; proved, 11-2-49; dead; Pa.	20 daughters--	53	8,205	4.9	401
Sire, 228454; dam, 391749.	20 dams-------	125	9,071	4.7	424
Herd Owner, Andrew F. Hartman, New Bethlehem.	Difference----	(7-13-9)	-866	+.2	-23
METEOR'S DAUNTLESS KING 300455*13----------	14 daughters--	26	7,544	4.8	363
Born, 9-20-40; proved, 11-1-49;----; Ky.	13 daughters--	24	7,628	4.8	364
Sire, 174726; dam, 471665.	13 dams-------	42	7,068	4.8	338
Herd Owner, Dr. R. C. Garrison, Burlington.	Difference----	(7-9-8)	+560	.0	+26
MIDNIGHT PRINCE OF THE GLEN 275820*13----------	31 daughters--	43	7,165	4.4	317
Born, 5-17-39; proved, 11-9-49;----; Wis.	19 daughters--	26	6,979	4.5	313
Sire, 228886; dam, 475975.	19 dams-------	38	8,940	4.5	400
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.)	Difference----	(2-8-1)	-1,961	.0	-87
MIDNIGHT ROISTERER OF THE GLEN 275819----------	5 daughters---	7	6,872	4.7	324
Born, 5-15-39; proved, 11-18-49;----; Mass.	5 dams--------	7	9,134	4.7	429
Sire, 228886; dam, 392806.	Difference----	(1-1-0)	-2,262	.0	-105
Used in Massachusetts A. B. A., Inc.					
MIRTH'S GENERAL GALLANT 300560*13----------	12 daughters--	19	6,509	5.3	345
Born, 12-5-40; proved, 11-18-49; dead; Wis.	11 daughters--	18	6,718	5.3	356
Sire, 220637; dam, 359124.	11 dams-------	30	7,239	4.9	358
Used in Trempealeau Co-op. A. B. A.	Difference----	(4-9-8)	-521	+.4	-2
MONARCH'S MAJESTY'S DUKE 294622*13----------	23 daughters--	38	7,344	5.1	373
Born, 6-23-40; proved, 11-28-49; dead; Wis.	10 daughters--	16	7,059	5.1	362
Sire, 269868; dam, 640961.	10 dams-------	25	6,099	4.9	300
Herd Owner, C. E. Fruit & Son, Waukesha.	Difference----	(8-8-8)	+960	+.2	+62
MONIE'S MAESTRO OF ELMWOOD 298570*12----------	20 daughters--	32	8,262	5.0	411
Born, 12-19-40; proved, 11-4-49;----; N. Y.	19 daughters--	30	8,379	5.0	417
Sire, 279696; dam, 251227.	19 dams-------	88	8,646	5.0	431
Used in Seneca Co-op. A. B. A.	Difference----	(6-11-9)	-267	.0	-14
NINA SHENORA'S MARCUS 418934----------	6 daughters---	16	10,406	4.9	509
Born, 2-15-41; proved, 11-2-49;----; Wash.	5 daughters---	13	10,417	4.9	509
Sire, 278973; dam, 598916.	5 dams--------	14	10,415	4.7	493
Herd Owner, Harold S. Knapp, Port Ludlow.	Difference----	(2-3-2)	+2	+.2	+16
NODROG RADIANCE'S LADDIE 326932----------	10 daughters--	10	8,715	4.9	428
Born, 6-3-41; proved, 11-18-49;----; N. Y.	10 dams-------	19	8,592	4.8	414
Sire, 281471; dam, 537826.	Difference----	(5-6-6)	+123	+.1	+14
Herd Owner, Robert Long, Bergen.					
NORGERT'S GALAHAD 381641----------	7 daughters---	7	8,715	4.8	419
Born, 7-26-43; proved, 11-1-49;----; Ill.	7 dams--------	31	8,132	5.2	421
Sire, 298824; dam, 637440.	Difference----	(6-2-4)	+583	-.4	-2
Herd Owner, Rolling Acres Farm, Elgin.					
NORTHMEADE PEERLESS DEFIANCE 335503----------	8 daughters---	9	7,061	4.9	349
Born, 12-3-42; proved, 11-29-49;----; Mich.	6 daughters---	6	7,530	5.0	380
Sire, 274657; dam, 478058.	6 dams--------	8	7,762	4.6	354
Herd Owner, Arnold G. Anderson, Lawrence.	Difference----	(2-5-5)	-232	+.4	+26
OWEN'S PLACE DUCHESS' ROYAL 328440----------	6 daughters---	9	7,730	4.9	375
Born, 12-27-41; proved, 11-4-49;----; Ill.	5 daughters---	7	7,528	5.0	373
Sire, 288236; dam, 699603.	5 dams--------	7	6,585	5.3	351
Herd Owner, Harry L. Bachman, Metamora.	Difference----	(4-1-4)	+943	-.3	+22
PANDORA'S LARRY OF SMITHDALE 330643----------	6 daughters---	8	6,875	5.0	341
Born, 3-20-42; proved, 11-17-49;----; Iowa.	6 dams--------	16	6,629	4.6	307
Sire, 261062; dam, 687623.	Difference----	(3-5-3)	+246	+.4	+34
Herd Owner, J. M. Foster, Marshalltown.					
PHYLLIS' PAUL OF TYRONE FARM 312217----------	8 daughters---	11	6,686	4.7	316
Born, 8-15-41; proved, 11-1-49; dead; Mich.	7 daughters---	10	6,764	4.7	317
Sire, 286916; dam, 575838.	7 dams--------	17	7,069	4.5	320
Used in Michigan Co-op. A. B. A., Inc.	Difference----	(3-5-3)	-305	+.2	-3
PINE MANOR KING'S IMAGE 318429----------	11 daughters--	12	7,790	5.3	410
Born, 2-2-42; proved, 11-1-49;----; Ind.	8 daughters---	9	8,182	5.2	427
Sire, 250949; dam, 596599.	8 dams--------	17	9,173	5.0	460
Used in Elkhart Co. A. B. A.	Difference----	(4-5-4)	-991	+.2	-33
PINE MANOR LOGIC 300915----------	5 daughters---	5	8,276	4.8	398
Born, 11-27-40; proved, 11-4-49;----; Ind.	5 dams--------	8	8,411	4.9	415
Sire, 220214; dam, 351418.	Difference----	(3-1-3)	-135	-.1	-17
Herd Owner, A. H. Michel, Goshen.					
PLAIN VIEW'S HERO 339491----------	10 daughters--	10	7,437	4.7	347
Born, 3-10-43; proved, 11-17-49;----; Md.	5 daughters---	5	6,332	4.6	292
Sire, 303910; dam, 659199.	5 dams--------	11	9,083	4.5	408
Herd Owner, Vincent J. Gallagher, Clarksville.	Difference----	(0-3-1)	-2,751	+.1	-116

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
QUAIL ROOST BRIGHT MAXIM 346779----------	5 daughters---	5	9,139	5.5	506
Born, 6-25-43; proved, 11-1-49; alive; Md.	5 dams--------	26	8,508	5.1	437
Sire, 279740; dam, 593152.	Difference----	(4-4-5)	+631	+.4	+69
Herd Owner, Knightongale Farm, Edgewater.					
ROCKINGHAM MONITOR 289965*12----------	31 daughters--	59	8,904	5.1	457
Born, 11-4-39; proved, 11-4-49;----; Pa.	31 dams-------	139	9,052	5.1	459
Sire, 199981; dam, 388668.	Difference----	(13-20-14)	-148	.0	-2
Herd Owner, W. C. Clark, Lahaska.					
ST. JAMES COUNT MAXIM 307696----------	10 daughters--	17	8,145	5.1	412
Born, 4-19-41; proved, 11-1-49;----; Wis.	5 daughters---	10	8,187	5.0	409
Sire, 225992; dam, 559406.	5 dams--------	11	9,387	4.7	438
Herd Owner, Merl L. Witz, New Lisbon.	Difference----	(1-4-1)	-1,200	+.3	-29
ST. JAMES DUCHCOUNT 336248----------	13 daughters--	17	7,588	4.7	354
Born, 5-31-42; proved, 11-15-49;----; Wis.	8 daughters---	10	7,793	4.7	366
Sire, 225992; dam, 503520.	8 dams--------	19	7,122	4.9	351
Herd Owner, Oak Lawn Farm, Menomonie.	Difference----	(6-3-5)	+671	-.2	+15
ST. JAMES FLOWER'S DUKE 336250----------	7 daughters---	7	8,405	5.1	428
Born, 11-8-42; proved, 11-30-49;----; Wis.	6 daughters---	6	8,523	5.1	432
Sire, 268403; dam, 399506.	6 dams--------	14	7,705	5.1	391
Herd Owner, Atlasta Farm, Menomonie.	Difference----	(3-3-5)	+818	.0	+41
SENSATION'S STEADFAST 333773----------	6 daughters---	7	7,417	4.7	352
Born, 11-27-42; proved, 11-14-49;----; Md.	5 daughters---	6	7,678	4.7	360
Sire, 265653; dam, 609488.	5 dams--------	8	7,907	4.6	362
Herd Owner, George V. Balte & Son, Reisterstown.	Difference----	(2-3-3)	-229	+.1	-2
SHERWOOD FOREST MODEL LUCKY 291223*12----------	26 daughters--	45	8,633	5.4	464
Born, 4-20-40; proved, 11-14-49;----; Md.	21 daughters--	36	8,465	5.4	457
Sire, 201462; dam, 476249.	21 dams-------	95	7,541	5.0	376
Herd Owner, Lloyd Balderston III, Colora.	Difference----	(12-17-15)	+924	+.4	+81
SHOW BOY OF FAHRNWALD 285018*12----------	9 daughters---	15	6,615	4.8	317
Born, 1-12-39; proved, 11-17-49; dead; Wis.	8 daughters---	14	6,575	4.7	312
Sire, 239142; dam, 224350.	8 dams--------	28	7,105	4.8	339
Herd Owner, E. A. Nelson, Neenah.	Difference----	(3-3-2)	-530	-.1	-27
SONSIE'S VAGABOND 285760*12----------	29 daughters--	51	8,538	4.5	387
Born, 3-21-40; proved, 11-4-49;----; Pa.	25 daughters--	43	8,627	4.5	388
Sire, 231275; dam, 435373.	25 dams-------	89	8,992	4.7	424
Herd Owner, John S. Peckman, Chambersburg.	Difference----	(10-9-7)	-365	-.2	-36
SPRUCE SHADOWS HENRY 315146----------	10 daughters--	10	6,788	4.5	308
Born, 2-5-42; proved, 11-4-49; dead; Minn.	10 dams-------	17	7,464	4.4	326
Sire, 266086; dam, 558790.	Difference----	(4-8-3)	-676	+.1	-18
Herd Owner, Harvey M. Dankers, Goodhue.					
STARR FARM COMBINATION 269533*12----------	34 Daughters--	60	8,245	4.9	403
Born, 4-23-38; proved, 11-9-49;----; Ind.	27 daughters--	49	8,382	4.9	412
Sire, 160703; dam, 506652.	27 dams-------	71	7,851	5.1	404
Herd Owner, Dr. F. A. Hall & C. Fitch, Corunna.	Difference----	(16-10-13)	+531	-.2	+8
SYCAMORE VALLEY ROYAL MAXIM 359807----------	7 daughters---	7	8,603	4.7	407
Born, 8-14-43; proved, 11-2-49;----; Mich.	5 daughters---	5	8,347	4.7	393
Sire, 263930; dam, 299112.	5 dams--------	18	9,346	4.4	410
Herd Owner, Frank Habrick, Adrian.	Difference----	(1-5-1)	-999	+.3	-17
TAMWORTH DICTATOR 285774----------	10 daughters--	14	6,329	4.8	305
Born, 8-8-37; proved, 11-8-49;----; Maine.	7 daughters---	11	6,391	4.8	306
Sire, 171199; dam, 272748.	7 dams--------	22	7,619	4.8	364
Herd Owner, Clifford B. Smith, Bangor.	Difference----	(2-4-2)	-1,228	.0	-58
TARBELL FARMS PEERLESS CYRIL 299619----------	19 daughters--	25	8,466	4.7	396
Born, 9-15-40; proved, 11-14-49;----; N. Y.	13 daughters--	18	8,539	4.6	394
Sire, 214202; dam, 399589.	13 dams-------	21	7,890	4.8	376
Herd Owner, Earl Holcomb & Sons, Greene.	Difference----	(9-6-9)	+649	-.2	+18
TARBELL FARMS PEERLESS VALOR 287967*13----------	13 daughters--	17	8,512	5.0	429
Born, 3-6-40; proved, 11-30-49;----; N. Y.	13 dams-------	41	7,832	5.1	396
Sire, 214202; dam, 440220.	Difference----	(9-6-8)	+680	-.1	+33
Used in New York Co-op. A. B. A., Inc.					
THIRLSTANE KING EUGENE 273140*13----------	18 daughters--	26	8,141	4.9	401
Born, 4-30-39; proved, 11-30-49;----; Conn.	13 daughters--	19	7,915	4.9	386
Sire, 198142; dam, 469046.	13 dams-------	29	8,449	5.2	439
Herd Owner, Pharos Farm, Simsbury.	Difference----	(6-3-5)	-534	-.3	-53
VALIANT'S RAIDER 331955----------	6 daughters---	6	10,355	5.3	547
Born, 6-16-42; proved, 11-30-49;----; Mo.	5 daughters---	5	10,304	5.3	545
Sire, 200316; dam, 657277.	5 dams--------	9	8,229	5.1	417
Herd Owner, William G. Knorpp, Vineland.	Difference----	(5-3-4)	+2,075	+.2	+128

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WATKINS MOBY DICK 327569*12----------	14 daughters--	32	6,972	5.1	353
Born, 9-18-41; proved, 11-14-49; dead; Minn.	14 dams-------	58	6,500	5.0	328
Sire, 202244; dam, 579462.	Difference----	(9-9-10)	+472	+.1	+25
Used in Villard A. B. A.					
WELCOME-IN MACON 313948*12----------	12 daughters--	28	7,923	4.6	367
Born, 1-1-40; proved, 11-4-49;----; Ohio.	12 dams-------	47	7,785	4.6	360
Sire, 241630; dam, 501945.	Difference----	(7-8-8)	+138	.0	+7
Herd Owner, E. A. Edelblute & Sons, Ostrander.					
WEY ACRES GRANDEE'S SPLENDOR 293154*12----------	18 daughters--	41	8,984	4.4	399
Born, 10-1-38; proved, 11-1-49;----; Wis.	17 daughters--	40	8,921	4.5	399
Sire, 227277; dam, 399509.	17 dams-------	81	8,382	4.9	408
Used in Badger Co-op. A. B. A.	Difference----	(10-4-7)	+539	-.4	-9
YELLOW CREED MEADOW ALERT 333456----------	10 daughters--	10	9,499	4.7	450
Born, 3-13-41; proved, 11-17-49;----; Ind.	6 daughters---	6	9,328	4.7	441
Sire, 275036; dam, 609956.	6 dams--------	8	8,824	4.9	436
Herd Owner, Paul Hoover, Goshen.	Difference----	(3-2-2)	+504	-.2	+5

HOLSTEIN SIRES

AMES ADMIRAL PRINCE 873953----------	7 daughters---	7	12,978	3.5	451
Born, 2-12-43; proved, 11-1-49;----; Iowa.	7 dams--------	16	13,780	3.5	488
Sire, 787210; dam, 1939770.	Difference----	(3-4-3)	-802	.0	-37
Herd Owner, Iowa State College Dairy Farm, Ames.					
ANOKASTAT JOE ANOKA 916826----------	8 daughters---	8	11,189	3.6	399
Born, 3-24-44; proved, 11-30-49;----; Minn.	8 dams--------	25	11,320	3.4	381
Sire, 866694; dam, 2141623.	Difference----	(4-8-5)	-131	+.2	+18
Herd Owner, Willmar State Hospital, Willmar.					
ARTIS ORMSBY OOSTIE 818495----------	5 daughters---	6	11,892	3.4	402
Born, 9-5-40; proved, 11-14-49;----; Wis.	5 dams--------	20	12,943	3.5	455
Sire, 787000; dam, 2034803.	Difference----	(1-2-1)	-1,051	-.1	-53
Herd Owner, Arthur H. Weiner, Columbus.					
BALLARD FARM TIP 911016----------	5 daughters---	5	11,327	3.5	397
Born, 8-18-43; proved, 11-29-49;----; Pa.	5 dams--------	19	10,903	3.6	395
Sire, 783750; dam, 1953911.	Difference----	(2-2-2)	+424	-.1	+2
Herd Owner, Ben Ballard & Son, Troy.					
BELLE CREST ADMIRAL KENT DELLA 911393----------	8 daughters---	8	12,982	3.5	451
Born, 3-27-44; proved, 11-30-49;----; Pa.	8 dams--------	24	13,066	3.6	467
Sire, 671272; dam, 1994663.	Difference----	(5-2-3)	-84	-.1	-16
Herd Owner, Ivo V. Otto, Carlisle.					
BELLEVUE ORMSBY VEEMAN PONTIAC 909077----------	5 daughters---	5	11,511	4.0	457
Born, 9-14-43; proved, 11-17-49;----; Md.	5 dams--------	16	11,627	3.5	404
Sire, 748263; dam, 1550270.	Difference----	(2-5-4)	-116	+.5	+53
Herd Owner, W. Kieffer Coblentz & Son, Middletown.					
BELLEVUE PRISSY ORMSBY BONHEUR 827067*13----------	14 daughters--	26	9,236	3.7	344
Born, 8-20-40; proved, 11-30-49;----; Md.	9 daughters---	17	9,032	3.7	334
Sire, 759630; dam, 1979855.	9 dams--------	29	8,892	3.7	328
Herd Owner, C. H. Davis, Beallsville.	Difference----	(4-6-5)	+140	.0	+6
BELLEVUE ZEE SADIE ORMSBY BONHEUR 875583----------	16 daughters--	17	13,461	3.3	448
Born, 9-29-42; proved, 11-17-49;----; Va.	12 daughters--	12	13,676	3.3	455
Sire, 759630; dam, 1522377.	12 dams-------	30	9,936	3.5	348
Herd Owner, Mt. Vernon Stock Farm, Sperryville.	Difference----	(12-4-12)	+3,740	-.2	+107
BLEND PRILLY OLLIE 838021----------	8 daughters---	9	10,285	3.8	389
Born, 1-17-42; proved, 11-30-49;----; N. Y.	8 dams--------	18	9,989	3.6	360
Sire, 787069; dam, 2049171.	Difference----	(4-5-6)	+296	+.2	+29
Herd Owner, George Marshall Farwell, Hinsdale.					
BRADCROFT ORMSBY GRAND 927848----------	8 daughters---	9	13,499	3.6	491
Born, 11-5-42; proved, 11-22-49;----; N. Y.	7 daughters---	8	13,556	3.6	494
Sire, 756707; dam, 1915943.	7 dams--------	20	13,107	3.7	482
Herd Owner, Arthur Bradley, Macedon.	Difference----	(4-4-4)	+449	-.1	+12
BREESE FARM SIR COLANTHA TRITOMIA 7TH 805596----------	7 daughters---	15	9,806	3.6	357
Born, 2-20-39; proved, 11-30-49;----; Pa.	5 daughters---	10	10,188	3.6	368
Sire, 719101; dam, 1806664.	5 dams--------	7	8,463	4.0	340
Herd Owner, Dewey J. Hamilton, Millerton.	Difference----	(4-1-4)	+1,725	-.4	+28
BRIARKILL BLEND GOVERNOR 919435----------	7 daughters---	10	12,849	3.5	447
Born, 9-14-42; proved, 11-18-49;----; N. Y.	6 daughters---	8	12,945	3.5	453
Sire, 776652; dam, 2016986.	6 dams--------	22	11,266	3.4	388
Herd Owner, William C. Anderson, Accord.	Difference----	(5-3-6)	+1,679	+.1	+65

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BURKE FORUM KIT BEETS 910417	5 daughters	5	10,045	3.5	356
Born, 1-17-44; proved, 11-30-49;----; Pa.	5 dams	17	11,517	3.6	410
Sire, 828322; dam, 2021143.	Difference	(1-4-1)	-1,472	-.1	-54
Herd Owner, Merle D. Rolar, Newville.					
BURKE ORMSBY CREAMELLE POSCH 872916	8 daughters	8	9,718	3.3	325
Born, 1-11-43; proved, 11-15-49;----; N. Y.	7 daughters	7	9,787	3.4	331
Sire, 662135; dam, 1920681.	7 dams	7	10,264	3.3	338
Herd Owner, Robert Bunt, Nineveh.	Difference	(3-5-3)	-477	+.1	-7
CALLAWAY AAGGIE EBONY 820040*12	25 daughters	42	12,572	3.4	433
Born, 6-3-40; proved, 11-18-49; dead; Mo.	20 daughters	33	12,866	3.5	446
Sire, 697696; dam, 1678445.	20 dams	74	12,227	3.3	403
Herd Owner, Missouri State Sanatorium, Mt. Vernon.	Difference	(12-16-14)	+639	+.2	+43
CARNATION IMPERIAL JOE 757053*10	12 daughters	25	12,963	3.4	442
Born, 1-2-38; proved, 11-23-49;----; Wash.	10 daughters	23	13,272	3.4	454
Sire, 698462; dam, 1524710.	10 dams	29	13,785	3.4	464
Herd Owner, Joseph Burgess, Bow.	Difference	(4-7-6)	-513	.0	-10
CEDAR DALE PIETJE DUKE 931107	9 daughters	9	12,531	3.8	473
Born, 3-25-44; proved, 11-30-49;----;Minn.	8 daughters	8	12,700	3.8	485
Sire, 128199 CHB; dam, 267056 CHB.	8 dams	21	11,414	3.9	446
Herd Owner, Tilney Farms, Truman.	Difference	(5-4-6)	+1,286	-.1	+39
CHERRYBOLD ADMIRAL RENOWN 907730	5 daughters	5	13,873	3.7	510
Born, 3-1-44; proved, 11-15-49;----; Wis.	5 dams	11	12,631	3.5	442
Sire, 676723; dam, 2124025.	Difference	(4-5-5)	+1,242	+.2	+68
Herd Owner, Harvey Hamann, Sheboygan.					
CHIEF ORMSBY PIEBE GERBEN (TWIN) 803690	7 daughters	14	13,090	3.5	458
Born, 2-2-40; proved, 11-14-49;----; Va.	7 dams	16	9,807	3.6	350
Sire, 709889; dam, 1748644.	Difference	(7-3-6)	+3,283	-.1	+108
Herd Owner, John Arthur, Rustburg.					
COLONY FLOOD 10TH 918547	5 daughters	5	10,565	3.8	404
Born, 4-9-43; proved, 11-18-49;----; Ill.	5 dams	6	10,805	3.7	399
Sire, 129906 CHB; dam, 365596 CHB.	Difference	(4-5-4)	-240	+.1	+5
Herd Owner, Albert G. Weber, Nauvoo.					
CONHARTHA SEGIS KING 18410	8 daughters	8	9,716	3.6	350
Born, 12-28-41; proved, 11-29-49;----; Pa.	8 dams	17	10,636	3.6	385
Sire, 731317; dam, 40272.	Difference	(2-4-1)	-920	.0	-35
Herd Owner, Richard Lucas, Bellefonte.					
CORNELL NEPTUNE CAYUGA 847773	9 daughters	10	11,496	3.8	439
Born, 12-24-41; proved, 11-1-49;----; N. Y.	7 daughters	8	11,489	3.8	432
Sire, 671669; dam, 1979856.	7 dams	14	11,808	3.7	439
Herd Owner, Elting Du Boise & Son, Pine Bush.	Difference	(2-4-4)	-319	+.1	-7
COTTONADE EMMET 890463	7 daughters	7	11,658	3.6	416
Born, 10-29-43; proved, 11-18-49;----; N. C.	5 daughters	5	13,122	3.6	468
Sire, 827033; dam, 2146876.	5 dams	13	10,967	3.1	341
Herd Owner, C. C. Cummings & Sons, Guilford College.	Difference	(4-5-5)	+2,155	+.5	+127
CRAIG-MOOR OLLIE BONHEUR 992050	10 daughters	16	11,349	3.4	385
Born, 2-2-41; proved, 11-17-49;----; Wis.	8 daughters	13	11,492	3.3	384
Sire, 776815; dam, 2063644.	8 dams	10	9,958	3.3	329
Herd Owner, Myron Klotz, Plain.	Difference	(7-6-7)	+1,534	.0	+55
CRAOLA PIEBE DIRECT KING 842781*13	22 daughters	28	10,191	3.8	383
Born, 11-2-41; proved, 11-3-49;----; Pa.	18 daughters	24	10,366	3.8	389
Sire, 766409; dam, 1219799.	18 dams	74	11,189	3.6	403
Used in Western Pennsylvania Co-op. A. B. A.	Difference	(8-14-8)	-823	+.2	-14
CRESCENT JULE ADMIRAL ACE 912431	10 daughters	11	10,420	3.8	392
Born, 1-14-43; proved, 11-17-49;----; Wis.	7 daughters	7	10,288	3.8	389
Sire, 789081; dam, 2064582.	7 dams	23	10,389	3.8	396
Herd Owner, Jefferson County Asylum Farm, Jefferson.	Difference	(5-3-4)	-101	.0	-7
CRESTON RAG APPLE DESIGN 835205*13	22 daughters	35	14,655	3.1	448
Born, 12-16-41; proved, 11-22-49;----; Mich.	22 dams	70	13,518	3.2	436
Sire, 812000; dam, 1782929.	Difference	(17-6-12)	+1,137	-.1	+12
Herd Owner, Harry Covert & Son, Leslie.					
CRESTON RAG APPLE MODEL 847682	11 daughters	13	10,118	3.9	390
Born, 5-4-42; proved, 11-3-49;----; Mich.	5 daughters	5	9,672	3.9	377
Sire, 812000; dam, 1748434.	5 dams	17	9,334	3.5	327
Herd Owner, Lafer Farm, Oxford.	Difference	(4-5-5)	+338	+.4	+50
CURTISS CANDY BILL 868637	7 daughters	9	11,859	4.0	469
Born, 11-23-42; proved, 11-22-49;----; Ind.	7 dams	15	13,762	3.3	458
Sire, 751252; dam, 2355352.	Difference	(1-7-5)	-1,903	+.7	+11
Herd Owner, Harry Lehman, Berne.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DELL TRIUNE FORMAN 805824----------	9 daughters---	18	12,659	3.6	457
Born, 3-24-40; proved, 11-30-49;----; Wis.	6 daughters---	11	12,163	3.6	437
Sire, 773348; dam, 1931116.	6 dams--------	9	10,986	3.5	387
Herd Owner, Albert C. Allen, Green Bay.	Difference----	(4-5-4)	+1,177	+.1	+50
DELVEY CHIEFTAIN LEM 918536----------	5 daughters---	5	13,220	3.8	503
Born, 5-20-42; proved, 11-18-49;---; Iowa.	5 dams--------	16	10,809	3.4	373
Sire, 802760; dam, 2147199.	Difference----	(4-5-5)	+2,411	+.4	+130
Herd Owner, Harvey McFate, Wilton Junction.					
DUKE CLIMAX SCHENCKWOOD 926173----------	6 daughters---	6	11,272	3.6	410
Born, 11-3-42; proved, 11-15-49;----; N. Y.	5 daughters---	5	11,604	3.6	415
Sire, 758973; dam, 1713097.	5 dams--------	7	11,324	3.6	408
Herd Owner, Clifford L. Schenck & Son, Greenwood.	Difference----	(3-2-3)	+280	.0	+7
DUNLOGGIN FON INJUN 873084----------	7 daughters---	9	9,724	3.9	381
Born, 2-27-43; proved, 11-14-49;----; Md.	7 dams--------	15	10,345	3.8	393
Sire, 751640; dam, 1907720.	Difference----	(1-4-1)	-621	+.1	-12
Herd Owner, Edward F. Holter, Middletown.					
DUNLOGGIN MASTER OLIVER 879153----------	8 daughters---	8	16,768	3.3	547
Born, 7-31-43; proved, 11-2-49; alive; Ohio.	6 daughters---	6	16,658	3.4	559
Sire, 667915; dam, 1713760.	6 dams--------	12	14,709	3.4	498
Used in Northern Ohio Co-op. A. B. A.	Difference----	(4-5-3)	+1,949	.0	+61
EHREDT IDALINE INKA KING 882577----------	7 daughters---	10	10,266	3.8	391
Born, 9-2-42; proved, 11-9-49;----; Wis.	6 daughters---	8	10,580	3.8	404
Sire, 755640; dam, 1802309.	6 dams--------	15	12,049	3.7	440
Herd Owner, Laurence James, Evansville.	Difference----	(2-5-2)	-1,469	+.1	-36
ELBRO ABBEKERK LUCKY 919746----------	5 daughters---	5	14,611	3.2	470
Born, 12-21-43; proved, 11-22-49;----; Mich.	5 dams--------	12	11,991	3.6	432
Sire, 116727 CHB; dam, 346669 CHB.	Difference----	(4-0-3)	+2,620	-.4	+38
Herd Owner, George W. Foster, Fostoria.					
ELMCROFT FRANCY TRIUNE R A (TWIN) 911290----------	6 daughters---	7	11,533	3.7	424
Born, 3-5-43; proved, 11-30-49;----; Maine.	5 daughters---	6	11,173	3.7	413
Sire, 127371 CHB; dam, 422203 CHB.	5 dams--------	16	10,941	3.6	391
Herd Owner, Fred J. Nutter, Corinna.	Difference----	(4-4-3)	+232	+.1	+22
ELM VALLEY PATHWAY BURKE ORMSBY 836036*13----------	16 daughters--	26	11,726	3.7	432
Born, 10-23-41; proved, 11-18-49; dead; Wis.	10 daughters--	13	11,169	3.7	414
Sire, 743104; dam, 2253090.	10 dams-------	28	11,538	3.6	411
Herd Owner, Harvey Colrue, Ogdensburg.	Difference----	(3-8-6)	-369	+.1	+3
ESSEX KORNDYKE STAR 754987*10----------	26 daughters--	57	10,840	3.5	381
Born, 1-6-38; proved, 11-23-49; dead; Pa.	26 dams-------	136	12,734	3.6	453
Sire, 731189; dam, 1540828.	Difference----	(5-13-4)	-1,894	-.1	-72
Herd Owner, Vaughn & Luce, Mehoopany.					
FAYNE ABBEKERK PONTIAC WAYNE 870557----------	5 daughters---	5	11,360	3.9	444
Born, 9-20-42; proved, 11-30-49;----; Pa	5 dams--------	10	10,981	3.8	416
Sire, 695655; dam, 1677074.	Difference----	(3-5-4)	+379	+.1	+28
Herd Owner, Jacob Frederick, Roaring Spring.					
FAYNE KING RITEANGL 846352----------	9 daughters---	16	12,214	3.6	443
Born 9-15-40; proved, 11-30-49;----; Wash.	8 daughters---	12	12,275	3.6	442
Sire, 722689; dam 1988647.	8 dams--------	38	11,112	3.6	397
Herd Owner, John Schurman, Deer Park.	Difference----	(4-4-7)	+1,163	.0	+45
FORSGATE CARNATION PRIDE 845479*13----------	11 daughters--	20	11,766	3.6	422
Born, 12-31-41; proved, 11-30-49;----; N. J.	11 dams-------	39	13,523	3.3	447
Sire, 771579; dam, 1833994.	Difference----	(1-11-3)	-1,757	+.3	-25
Herd Owner, Joseph Link, Sussex.					
FORT LEWIS AMOS RUE 910097----------	5 daughters---	5	7,829	4.1	321
Born, 12-1-43; proved, 11-30-49;----; N. Mex.	5 dams--------	11	9,190	3.6	327
Sire, 807872; dam, 2162873.	Difference----	(1-4-2)	-1,361	+.5	-6
Herd Owner, Bruce P. Brimhall, Farmington.					
GANUNDIU PETER COLANTHA BOY 804285----------	5 daughters---	5	9,348	3.5	328
Born, 2-19-40; proved, 11-30-49;----; N. Y.	5 dams--------	11	8,866	3.9	343
Sire 724524; dam, 1834517.	Difference----	(3-1-2)	+482	-.4	-15
Herd Owner, Arnold E. Davis, Livonia.					
GRAHAMHOLM SPOTTIE JOE 922014----------	6 daughters---	7	11,705	3.4	397
Born, 12-8-43; proved, 11-17-49;----; Minn.	6 dams--------	27	11,644	3.3	379
Sire, 741485; dam, 2201576.	Difference----	(2-4-3)	+61	+.1	+18
Herd Owner, Dr. F. C. Mann, Rochester.					
HARTHOLM CARNATION MIDDLESEX 898379----------	6 daughters---	6	12,628	3.4	430
Born, 9-25-43; proved, 11-30-49;----; Iowa.	6 dams--------	20	12,682	3.6	459
Sire, 118813 CHB; dam, 286888 CHB.	Difference----	(2-2-1)	-54	-.2	-29
Herd Owner, H. C. Jensen, Ringsted.					

HOLSTEIN SIRES	[illegible]	[illegible] averaged	Milk	[illegible]	Fat
	Number	Number	Pounds	[illegible]	[illegible]
HAZELHELL DUKE CHIEFTAIN [illegible]	16 daughters	[illegible]	[illegible]	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]; ----; N. Y.	10 daughters	[illegible]	[illegible]	3.7	[illegible]
Sire, [illegible]; dam, [illegible].	10 dams	24	11,247	3.4	[illegible]
Herd Owner, Walter J. Whitbeck, Franklin.	Difference	(4-9-5)	-1,048	+.3	[illegible]
HAZELBELL KING PERFECTION [illegible]	5 daughters	5	10,207	3.4	[illegible]
Born, 3-[illegible]-44; proved, 11-30-49; ----; Ill.	[illegible] dams	[illegible]	11,886	[illegible]	[illegible]
Sire, [illegible]; dam, 2262803.	Difference	(1-3-1)	-1,679	+.1	[illegible]
Herd Owner, Bellwood Farms, Barrington.					
H C S COLANTHA ORMSBY 876921	8 daughters	8	10,239	3.8	[illegible]
Born, 1-5-43; proved, 11-8-49; ----; Wis.	6 daughters	6	10,432	3.8	[illegible]
Sire, [illegible]; dam, 2070163.	6 dams	10	10,233	3.8	[illegible]
Herd Owner, Sheboygan County Hospital, Sheboygan.	Difference	(4-4-2)	+249	.0	+4
HENRY-LEA KING BESSIE 898240	10 daughters	10	8,972	3.4	308
Born, 10-19-43; proved, 11-15-49; ----; Minn.	5 daughters	5	8,796	3.4	300
Sire, 735493; dam, 2393603.	5 dams	9	11,694	3.3	381
Herd Owner, Henry Brothers, Foley.	Difference	(1-4-1)	-2,898	+.1	-81
HILLSBORO SIR ORMSBY FOBES 843274	6 daughters	10	13,723	4.1	563
Born, 2-16-42; proved, 11-4-49; alive; Va.	5 daughters	8	14,714	4.1	611
Sire, 654594; dam, 1448642.	5 dams	26	12,123	3.8	455
Used in Blue Ridge A. B. A.	Difference	(5-5-5)	+2,591	+.3	+156
HOESLY HOMESTEAD PIEBE JOE 756642*12	15 daughters	28	11,089	3.5	389
Born, 2-2-38; proved, 11-22-49; dead; Wis.	14 daughters	25	11,007	3.5	385
Sire, 725852; dam, 1845105.	14 dams	44	11,440	3.5	404
Herd Owner, John F. & Joe Kasierski, Princeton.	Difference	(6-8-5)	-433	.0	-19
HUFF SIR OSBORNDALE DAN 897716	6 daughters	11	10,028	3.6	364
Born, 3-12-41; proved, 11-30-49; ----; N. Y.	5 daughters	10	11,019	3.6	396
Sire, 728771; dam, 1780915.	5 dams	7	13,535	3.4	463
Herd Owner, Arthur Van Dyke, Holcomb.	Difference	(1-4-1)	-2,516	+.2	-67
HYATTHOLME PABST WALKER ABBEKERK 1027831	8 daughters	11	9,697	3.7	354
Born, 8-18-40; proved, 11-18-49; ----; N. Y.	6 daughters	8	10,022	3.7	373
Sire, 127260 CHB; dam, 320354 CHB.	6 dams	7	8,172	3.5	286
Herd Owner, Joseph Genovesi & Son, Slingerlands.	Difference	(5-4-4)	+1,850	+.2	+87
IMPERIAL CHIEFTAIN ONA HOWARD 912907	7 daughters	8	16,610	3.6	597
Born, 10-21-43; proved, 11-17-49; ----; Iowa.	6 daughters	7	16,917	3.6	603
Sire, 743685; dam, 1936569.	6 dams	15	13,907	3.2	448
Herd Owner, Fern Huling & Sons, Britt.	Difference	(5-6-6)	+3,010	+.4	+155
INSTITUTE RUE TRITOMIA 917862	12 daughters	12	10,929	3.5	385
Born, 7-4-43; proved, 11-23-49; ----; Colo.	8 daughters	8	11,401	3.5	398
Sire, 729376; dam, 1911116.	8 dams	16	8,485	3.7	316
Herd Owner, Raymond & Cora Powers, Colorado Springs.	Difference	(8-1-8)	+2,916	-.2	+82
IRVING FARM SNOW EKSTER BRACELET 814783	6 daughters	6	10,569	3.6	379
Born, 9-17-40; proved, 11-8-49; ----; Wis.	5 daughters	5	10,331	3.5	364
Sire, 682048; dam, 1431158.	5 dams	8	10,868	3.6	387
Herd Owner, Burnell Edge, Platteville.	Difference	(1-2-2)	-537	-.1	-23
JENNITON TRITOMIA PRIDE 932684	6 daughters	6	12,662	3.6	461
Born, 2-17-43; proved, 11-18-49; ----; Wis.	6 dams	14	10,494	3.4	353
Sire, 767597; dam, 1830780.	Difference	(5-6-5)	+2,168	+.2	+108
Herd Owner, W. H. Schumann & Frederick Shower, Mazomanie.					
JENNY SEGIS ORMSBY DE KOL 854592	15 daughters	19	11,794	3.3	390
Born, 5-18-42; proved, 11-23-49; ----; Wis.	13 daughters	15	12,005	3.3	398
Sire, 769649; dam, 2032111.	13 dams	33	12,346	3.2	400
Herd Owner, Walter Haberman, Brodhead.	Difference	(5-8-6)	-341	+.1	-2
JOE HOMESTEAD BUD 911751	6 daughters	6	10,285	3.5	356
Born, 1-16-44; proved, 11-23-49; ----; Wis.	6 dams	26	9,747	3.7	358
Sire, 780675; dam, 2130726.	Difference	(5-1-1)	+538	-.2	-2
Herd Owner, Emil A. Legler, Belleville.					
KANSTACOL FOREMOST BLEND 844950	7 daughters	7	10,501	3.7	393
Born, 12-26-41; proved, 11-3-49; ----; Kans.	5 daughters	5	10,867	3.8	410
Sire, 629437; dam, 1470663.	5 dams	19	11,465	3.4	387
Herd Owner, Floyd C. Rishel, Rozel.	Difference	(3-5-4)	-598	+.4	+23
KELCO ADIRONDAC CHAMPION KING 834119	8 daughters	9	13,560	3.5	470
Born, 10-6-41; proved, 11-1-49; ----; Pa.	8 dams	27	11,107	3.6	405
Sire, 760725; dam, 1993018.	Difference	(8-2-7)	+2,453	-.1	+65
Herd Owner, H. H. Marsh & Son, Waterford.					
KING BEAUTY ORMSBY 838941	5 daughters	[illegible]	9,264	[illegible]	314
Born, 7-23-41; proved, 11-1-49; ----; Wis.	5 dams		11,061	3.6	[illegible]
Sire, 681047; dam, 1889956.	Difference	(2-2-1)	-1,797	-.2	[illegible]
Herd Owner, Brace Brothers, Lone Rock.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING BESSIE PIETERTJE BONITE MEAD 799170----------	24 daughters--	53	11,500	3.4	394
Born, 11-12-39; proved, 11-1-49;----; Calif.	7 daughters---	11	12,074	3.3	392
Sire, 729641; dam, 1777917.	7 dams--------	18	11,309	3.3	373
Herd Owner, M. Curti, Waukena.	Difference----	(2-3-3)	+765	.0	+19
KING FOBINKA NATIONAL 810275----------	12 daughters--	16	9,208	3.7	339
Born. 9-20-40; proved, 11-15-49;----; N. Y.	10 daughters--	13	9,064	3.7	335
Sire, 715399; dam, 1701263.	10 dams-------	23	10,192	3.6	371
Herd Owner, Hiram Adams, Plymouth.	Difference----	(3-7-2)	-1,128	+.1	-36
KING INKA MERCEDES PIEBE ORMSBY 809405----------	5 daughters---	7	11,593	3.6	412
Born, 1-4-40; proved, 11-30-49;----; Nebr.	5 dams--------	14	10,170	3.6	371
Sire, 559503; dam, 1642977.	Difference----	(4-2-4)	+1,423	.0	+41
Used in Douglas Non-Stock Co-op. A. B. A.					
KING MARTA FAYNE DE KOL 843740----------	10 daughters--	13	12,391	3.7	456
Born, 11-21-41; proved, 11-2-49; dead; Ill.	8 daughters---	10	12,163	3.8	457
Sire, 724681; dam, 1807977.	8 dams--------	27	12,547	3.6	452
Herd Owner, Wesley A. Newman, Rockford.	Difference----	(4-7-6)	-384	+.2	+5
KING MUTUAL DUTCHLAND ORMSBY 901224----------	5 daughters---	6	10,355	3.4	353
Born, 11-16-42; proved, 11-15-49;----; N. Y.	5 dams--------	13	11,782	3.5	408
Sire, 726075; dam, 1852584.	Difference----	(1-3-1)	-1,427	-.1	-55
Herd Owner, Mason A. Gilbert & Son, Kennedy.					
KING PANSY NEOLA FOBES BURKE 746524----------	5 daughters---	18	10,853	3.5	380
Born, 5-26-36; proved, 8-21-45; dead; Minn.	5 dams--------	19	10,115	3.6	365
Sire, 655663; dam, 1647052.	Difference----	(3-1-2)	+738	-.1	+15
Herd Owner, Lenzmeier Brothers, Shakopee.					
KING SEGIS PAPOOSE ORMSBY 918598----------	5 daughters---	7	12,460	3.5	432
Born, 11-10-43; proved, 11-18-49;----; Minn.	5 dams--------	11	10,979	3.4	374
Sire, 822497; dam, 1984640.	Difference----	(3-2-3)	+1,481	+.1	+58
Herd Owner, Filk Stock Farm, Biscay.					
KORNDYKE FOBES OAK 864788----------	17 daughters--	17	9,845	3.5	345
Born, 10-26-40; proved, 11-2-49;----; Wis.	12 daughters--	12	10,206	3.5	359
Sire. 719705; dam, 2144938.	12 dams-------	51	11,192	3.6	398
Herd Owner, Carl Hayes & Sons, Campbellsport.	Difference----	(7-6-3)	-986	-.1	-39
KRONEBUSCH FARMS TOP ROW 902236----------	8 daughters---	8	11,065	3.5	384
Born, 10-31-43; proved, 11-1-49; dead; Minn.	8 dams--------	10	9,448	3.4	325
Sire, 815176; dam, 2108654.	Difference----	(7-5-6)	+1,617	+.1	+59
Herd Owner, S. O. Frost, Pine Island.					
LARRYDALE GOVERNOR RENOWN 911988----------	7 daughters---	7	11,670	3.6	424
Born, 7-4-43; proved, 11-17-49;----; Idaho.	6 daughters---	6	11,442	3.6	416
Sire, 771562; dam, 2138541.	6 dams--------	17	12,191	3.5	421
Herd Owner, H. S. Pline, Nampa.	Difference----	(3-4-3)	-749	+.1	-5
LAUXMONT ADRODELLA JESDELLA 849616----------	9 daughters---	9	11,442	3.7	418
Born, 4-18-42; proved, 11-4-49;----; N. Y.	9 dams--------	22	12,113	3.6	432
Sire, 759621; dam, 1642101.	Difference----	(3-5-4)	-671	+.1	-14
Herd Owner, Everett Clarke, Andover.					
LAUXMONT SAFEMASTER VICTORY 842931----------	14 daughters--	19	10,375	3.7	382
Born, 1-2-42; proved, 11-1-49;----; Pa.	8 daughters---	10	10,268	3.7	380
Sire, 751642; dam, 1820953.	8 dams--------	20	11,720	3.6	425
Herd Owner, Ira Hartz, Elverson.	Difference----	(1-4-3)	-1,452	+.1	-45
LIBERTY HILL CARNATION PROGRESSOR 862829----------	5 daughters---	5	13,534	3.5	476
Born, 10-3-42; proved, 11-15-49;----; N. Y.	5 dams--------	21	11,779	3.7	432
Sire, 739007; dam, 1855529.	Difference----	(3-2-3)	+1,755	-.2	+44
Herd Owner, Howard D. McIntyre, Perry.					
LINCOLN FOBES 806650----------	7 daughters---	17	12,748	3.8	480
Born, 7-29-40; proved, 11-8-49;----; Pa.	7 dams--------	52	12,142	3.4	408
Sire, 769170; dam. 1776540.	Difference----	(5-6-5)	+606	+.4	+72
Herd Owner, Thomas Clement, Lincoln University.					
LONE RANCH PROSPECT CREATOR COLAN 894238----------	6 daughters---	6	12,970	3.4	443
Born, 10-20-43; proved, 11-15-49;----; N. Y.	5 daughters---	5	12,645	3.5	442
Sire, 807049; dam, 2000318.	5 dams--------	5	12,946	3.3	428
Herd Owner, Edward Beckerink, Clymer.	Difference----	(1-5-4)	-301	+.2	+14
LUNDE CARNATION KINNIKINNIC 923531----------	6 daughters---	6	13,331	3.3	434
Born, 2-25-44; proved, 11-30-49;----; Minn.	5 daughters---	5	13,204	3.3	430
Sire, 842734; dam, 2541177.	5 dams--------	9	13,253	3.3	440
Herd Owner, Merton Houg, Glenville.	Difference----	(2-3-2)	-49	.0	-10
MAYWOOD CHIEFTAIN PATHFINDER 844889----------	9 daughters---	9	14,280	3.5	500
Born, 1-26-42; proved, 11-8-49;----; Ill.	8 daughters---	8	14,494	3.5	500
Sire, 792389; dam, 2032240.	8 dams--------	21	11,820	3.6	431
Herd Owner, W. M. Kimmelshue & Sons, Manteno.	Difference----	(8-2-7)	+2,674	-.1	+69

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MEADOW FOBES JERRY 843334----------	5 daughters---	9	10,465	3.7	386
Born, 10-12-41; proved, 11-9-49;----; Wis.	5 dams--------	36	10,712	3.9	418
Sire, 714103; dam, 1609736.	Difference----	(2-2-2)	-247	-.2	-32
Herd Owner, Frederick Strutz, Two Rivers.					
MECHTHILDE SUPERIOR PRINCE 14345----------	14 daughters--	32	8,845	3.5	308
Born, 12-13-37; proved, 11-30-49;----; Pa.	11 daughters--	24	8,932	3.4	306
Sire, 10027; dam, 41974.	11 dams-------	28	11,346	3.5	394
Herd Owner, Louis Hall, Marwood.	Difference----	(1-5-1)	-2,413	-.1	-88
MENDOCINO MACARTHUR 901550----------	13 daughters--	15	14,930	3.4	515
Born, 2-16-43; proved, 11-30-49;----; Calif.	8 daughters---	9	14,090	3.6	501
Sire, 775670; dam, 1928884.	8 dams--------	12	12,043	3.4	409
Herd Owner, Stockton State Hospital, Stockton.	Difference----	(7-6-7)	+2,047	+.2	+92
METHODIST HOME QUEEN MAT 819351*13----------	12 daughters--	25	10,833	3.1	339
Born, 1-16-41; proved, 11-17-49; dead; Pa.	9 daughters---	20	10,910	3.2	344
Sire, 668114, dam, 1823519.	9 dams--------	18	10,129	3.5	358
Herd Owner, Willard J. Erb, Beavertown.	Difference----	(5-1-3)	+781	-.3	-14
MIDLAND COLANTHA VEEMAN 812091----------	8 daughters---	17	12,339	4.0	488
Born, 12-11-40; proved, 11-8-49;----; Calif.	5 daughters---	9	11,810	4.0	473
Sire, 746394; dam, 1972605.	5 dams--------	24	13,319	3.9	524
Herd Owner, Earl Graham & Sons, Modesto.	Difference----	(2-4-1)	-1,509	+.1	-51
MONTVIC CHIEFTAIN 24TH 924523*(June 1949)----------	13 daughters--	19	11,800	3.6	422
Born, 2-10-35; proved, 11-30-49;----; N. Y.	7 daughters---	7	11,720	3.6	423
Sire, 95679 CHB; dam, 189731 CHB.	7 dams--------	11	13,030	3.7	476
Herd Owner, Leon Piguet, East Aurora.	Difference----	(3-4-3)	-1,310	-.1	-53
MONTVIC PATHFINDER PRILLY 822769----------	26 daughters--	50	11,873	3.6	432
Born, 5-6-41; proved, 11-2-49;----; Pa.	13 daughters--	18	12,478	3.6	444
Sire, 776307; dam, 1927250.	13 dams-------	52	11,588	3.5	410
Herd Owner, Hillside Farms, Inc., Trucksville.	Difference----	(7-9-8)	+890	+.1	+34
MONTVIC RAG APPLE GLADIATOR 827071*12----------	34 daughters--	55	12,621	3.7	466
Born, 11-11-39; proved, 11-9-49;----; Vt.	28 daughters--	45	12,482	3.7	468
Sire, 115346 CHB; dam, 385645 CHB.	28 dams-------	160	12,660	3.8	477
Herd Owner, Tyler Farm, West Newbury.	Difference----	(13-14-12)	-178	-.1	-9
MORAG SIR HEILO 826428----------	14 daughters--	20	12,814	3.6	456
Born, 11-1-38; proved, 11-18-49;----; N. Y.	8 daughters---	9	12,856	3.6	462
Sire, 113898 CHB; dam, 298817 CHB.	8 dams--------	11	10,450	3.7	384
Herd Owner, Lanny Ross, Stanfordville.	Difference----	(5-5-5)	+2,406	-.1	+78
NITTANYVALE CHIEF PACIFIC 942721----------	11 daughters--	12	10,617	3.5	368
Born, 11-16-42; proved, 11-18-49;----; Pa.	9 daughters---	10	10,747	3.4	367
Sire, 746074; dam, 2090608.	9 dams--------	27	10,694	3.5	376
Herd Owner, Mayview State Hospital, Mayview.	Difference----	(6-5-4)	+53	-.1	-9
NITTANYVALE MYOLY HERO 756742*13----------	24 daughters--	42	10,031	3.3	332
Born, 1-8-38; proved, 11-30-49;----; Pa.	16 daughters--	29	10,741	3.3	357
Sire, 698505; dam, 1711272.	16 dams-------	52	9,926	3.4	335
Herd Owner, Danville State Hospital, Danville.	Difference----	(11-7-10)	+815	-.1	+22
N J E S CONQUEROR CORNUCOPIA KARL 822064----------	6 daughters---	7	10,817	3.7	405
Born, 3-2-41; proved, 11-8-49;----; Va.	5 daughters---	6	10,752	3.8	408
Sire, 673525; dam, 1642283.	5 dams--------	18	11,723	3.6	428
Used In Southern Illinois A. B. A., Ill.	Difference----	(2-4-2)	-971	+.2	-20
NORTH STAR TIDY BOY 783828*13----------	16 daughters--	21	10,825	3.6	393
Born, 10-11-39; proved, 11-8-49; alive; Minn.	16 dams-------	68	11,134	3.7	409
Sire, 742938; dam, 1586105.	Difference----	(5-8-5)	-309	-.1	-16
Used in Minnesota Valley & Southern Minnesota A.B.A.'s					
NYS NEWARK PIEBE DE KOL 972384----------	14 daughters--	20	11,342	3.3	379
Born, 12-1-39; proved, 11-30-49;----; N. Y.	9 daughters---	11	10,652	3.4	358
Sire, 724720; dam, 1850677.	9 dams--------	14	11,444	3.3	383
Herd Owner, Newark State School, Newark.	Difference----	(3-5-2)	-792	+.1	-25
NYWOOD LADDIE ORMSBY 923930----------	11 daughters--	11	16,646	3.3	551
Born, 2-4-44; proved, 11-15-49;----; Minn.	9 daughters---	9	17,183	3.3	559
Sire, 760587; dam, 2445582.	9 dams--------	11	12,853	3.2	413
Herd Owner, Reuben L. Ulrich, Biscay.	Difference----	(8-5-9)	+4,330	+.1	+146
OAKMULGEE MAC ORMSBY 878705----------	9 daughters---	10	9,550	4.0	385
Born, 9-9-42; proved, 11-14-49;----; Va.	7 daughters---	8	9,885	4.1	405
Sire, 801505; dam, 1803411.	7 dams--------	19	9,509	3.5	336
Herd Owner, Winterham Farms, Amelia.	Difference----	(4-7-7)	+376	+.6	+69
OAKMULGEE WILKIE MAT ORMSBY 939187----------	6 daughters---	9	13,381	3.9	522
Born, 10-15-41; proved, 11-18-49;----; Va.	6 dams--------	22	12,232	3.9	482
Sire, 701753; dam, 1806098.	Difference----	(4-4-4)	+1,149	.0	+40
Herd Owner, Charles Moyer, Mattoax.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ORCHARD DAIRY PIEBE DEWDROP MIKE 897693----------	8 daughters---	9	10,842	3.5	381
Born, 7-6-43; proved, 11-30-49;----; Pa.	5 daughters---	6	10,489	3.5	372
Sire, 783875; dam, 2047361.	5 dams--------	16	10,874	3.6	388
Herd Owner, Webster Wagner, Tamaqua.	Difference----	(2-2-2)	-385	-.1	-16
ORMSBY POSCH PONTIAC KORNDYKE 870277----------	5 daughters---	7	12,168	3.1	376
Born, 12-4-42; proved, 11-30-49;----; Wis.	5 dams--------	23	11,604	3.3	386
Sire, 740779; dam, 2076908.	Difference----	(2-0-2)	+564	-.2	-10
Herd Owner, Lloyd Kurtz, Hales Corners.					
PABST BARTA PRILLY WAYNE 31ST 901196----------	10 daughters--	11	13,139	4.0	524
Born, 3-23-44; proved, 11-30-49;----; Minn.	10 dams-------	33	13,654	3.6	493
Sire, 823785; dam, 2024217.	Difference----	(4-10-7)	-515	+.4	+31
Herd Owner, Clifford A. Ruble & Sons, Albert Lea.					
PAX OMER PIEBE DE KOL BURKE 902661*(Apr. 1949)----------	13 daughters--	19	13,714	3.5	479
Born, 1-24-42; proved, 11-30-49; dead; Calif.	13 dams-------	56	11,017	3.5	386
Sire, 677055; dam, 2077931.	Difference----	(11-7-10)	+2,697	.0	+93
Herd Owner, Paxton's Dairy, La Grand.					
PEEGIE KING AAGGIE 803483----------	8 daughters---	11	12,121	3.6	434
Born, 1-14-40; proved, 11-30-49;----; Pa.	6 daughters---	7	12,374	3.6	441
Sire, 750694; dam, 1863329.	6 dams--------	16	11,587	3.5	405
Herd Owner, Preston G. Lichtenwalner & Sons, Emmaus.	Difference----	(4-4-4)	+787	+.1	+36
PENET EMPEROR POSCH 939584----------	16 daughters--	22	8,872	3.7	333
Born, 9-3-41; proved, 11-18-49;----; N. Y.	6 daughters---	8	8,881	3.7	333
Sire, 758506; dam, 1629241.	6 dams--------	10	11,160	3.8	426
Herd Owner, I. B. Mitchell, La Fargeville.	Difference----	(1-3-2)	-2,279	-.1	-93
PETER SELENA POSCH 969268----------	6 daughters---	9	11,746	3.5	411
Born, 10-7-41; proved, 11-18-49;----; N. Y.	5 daughters---	8	11,913	3.6	426
Sire, 756725; dam, 1839264.	5 dams--------	23	11,201	3.4	383
Herd Owner, Fred Henkle, Sauquoit.	Difference----	(3-5-3)	+712	+.2	+43
POLK OLLIE MAY JANNEK CREATOR 842116----------	10 daughters--	12	11,166	3.6	397
Born, 12-5-41; proved, 11-1-49;----; Pa.	5 daughters---	5	11,782	3.5	408
Sire, 794315; dam, 1551253.	5 dams--------	10	11,913	3.4	402
Herd Owner, Polk State School, Polk.	Difference----	(3-4-2)	-131	+.1	+6
POSCH ORMSBY FOBES DEAN 833964*13----------	18 daughters--	23	12,672	3.6	461
Born, 6-18-41; proved, 11-30-49; dead; Ill.	16 daughters--	20	12,725	3.7	466
Sire, 623972; dam, 1482642.	16 dams-------	44	12,623	3.4	433
Herd Owner, The W. T. Rawleigh Co., Freeport.	Difference----	(8-14-10)	+102	+.3	+33
PRINCE AAGGIE GYPSIE 927863----------	6 daughters---	6	13,178	3.7	489
Born, 11-7-43; proved, 11-8-49; alive; Minn.	5 daughters---	5	13,843	3.7	519
Sire, 852929; dam, 1869523.	5 dams--------	12	14,386	3.3	475
Used in Minnesota Valley A. B. A.	Difference----	(3-5-4)	-543	+.4	+44
PRINCE KORNDYKE JOHANNA FOBES 927557----------	9 daughters---	10	13,664	3.6	486
Born, 1-2-43; proved, 11-23-49;----; Ind.	9 dams--------	22	12,869	3.4	437
Sire, 869681; dam, 2002268.	Difference----	(6-7-6)	+795	+.2	+49
Herd Owner, Albert Ewel, Decatur.					
RAG APPLE CANARY COUNT 951253----------	12 daughters--	13	10,793	3.8	410
Born, 6-26-41; proved, 11-23-49;----; N. Y.	10 daughters--	10	11,564	3.8	436
Sire, 133280 CHB; dam, 363261 CHB.	10 dams-------	27	13,256	3.6	474
Herd Owner, James Magee, Millerton.	Difference----	(4-9-4)	-1,692	+.2	-38
RAG-HERO DAD CASCADE ORMSBY 898739----------	5 daughters---	5	9,905	3.2	321
Born, 3-11-43; proved, 11-30-49;----; N. Y.	5 dams--------	20	8,617	3.2	278
Sire, 565375; dam, 2005784.	Difference----	(3-3-3)	+1,288	.0	+43
Herd Owner, Walter H. Griffin, Great Valley.					
RAHMLOW ANOLA FOBES 840604----------	7 daughters---	8	13,463	3.8	516
Born, 1-22-42; proved, 11-1-49;----; Wis.	7 dams--------	28	13,127	3.8	493
Sire, 805118; dam, 1893671.	Difference----	(5-3-4)	+336	.0	+23
Herd Owner, Robert Paltzer, Appleton.					
RAVENGLEN SENATOR SYCAMORE 860694----------	8 daughters---	8	13,137	3.5	456
Born, 10-23-42; proved, 11-15-49;----; Minn.	8 dams--------	17	12,039	3.5	416
Sire, 741205; dam, 1835317.	Difference----	(5-5-5)	+1,098	.0	+40
Herd Owner, William J. Goodridge, Young America.					
RIVERFLAT ADMIRAL EDWARD 847498----------	8 daughters---	9	11,406	3.2	362
Born, 10-29-41; proved, 11-3-49;----; N. Y.	6 daughters---	6	11,345	3.2	360
Sire, 707606; dam, 2048164.	6 dams--------	13	8,570	3.5	299
Herd Owner, Edwin P. Smith, Sherburne.	Difference----	(5-2-4)	+2,775	-.3	+61
RIVERFLAT ADMIRAL PEARL 868200----------	10 daughters--	12	12,590	3.5	435
Born, 8-26-42; proved, 11-22-49;--- ; N. Y.	6 daughters---	7	13,240	3.4	452
Sire, 707606; dam, 2057595.	6 dams--------	8	11,855	3.2	383
Herd Owner, R. H. Volmer, Sherburne.	Difference----	(4-6-4)	+1,385	+.2	+69

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
RIVERMEAD STAR HELEN 730516*13	27 daughters	90	1[illegible],8[illegible]	3.9	4[illegible]
Born, 11-[illegible]-36; proved, 11-1-49;----; Pa.	27 dams	129	13,0[illegible]4	3.6	47[illegible]
Sire, 535117; dam, 1295285.	Difference	(10-22-16)	-[illegible]	+.3	+20
Used in Massachusetts A. B. A., Inc., Mass.					
RIVERVIEW POSCH GOLF LAD 832912	10 daughters	13	7,790	3.[illegible]	[illegible]
Born, 11-22-39; proved, 11-30-49;----; N. Y.	10 dams	30	9,082	3.[illegible]	317
Sire, 696632; dam, 1893751.	Difference	(2-4-2)	-1,292	-.2	-61
Herd Owner, W. C. Richards & Sons, Whitney Point.					
ROSNI HOMESTEAD DIONE HALE 831977*13	12 daughters	20	13,560	3.5	468
Born, 11-12-40; proved, 11-14-49;----; Va.	12 dams	37	12,714	3.4	432
Sire, 654536; dam, 1585750.	Difference	(8-7-9)	+846	+.1	+36
Herd Owner, Frank S. Walker, Orange.					
ROYAL MAN-O-WAR AAGGIE 918784	7 daughters	7	13,527	3.4	458
Born, 1-17-43; proved, 11-22-49;----; N. Y.	7 dams	23	14,141	3.6	509
Sire, 801095; dam, 2239652.	Difference	(3-3-3)	-614	-.2	-51
Herd Owner, William Agen, Arcade.					
ROYAL RAG APPLE POSCH 869586	9 daughters	12	11,208	3.7	411
Born, 8-28-42; proved, 11-30-49;----; N. Y.	5 daughters	7	11,341	3.6	407
Sire, 747242; dam, 1618603.	5 dams	9	11,589	3.5	402
Herd Owner, Clarence Cooper & Son, Fort Plain.	Difference	(2-4-3)	-248	+.1	+5
RUGGED WAY BESSIE RAG APPLE 783834	8 daughters	20	11,099	3.4	376
Born, 2-6-39; proved, 11-1-49;--- ; Vt.	6 daughters	15	11,185	3.4	385
Sire, 720449; dam, 1808813.	6 dams	20	9,906	3.3	328
Herd Owner, Richard H. Hall, Bennington.	Difference	(5-4-5)	+1,279	+.1	+57
ST CLOUD PRIDE PIETS ONDINE 915560	7 daughters	7	9,776	3.6	353
Born, 7-13-41; proved, 11-17-49;----; Minn.	7 dams	26	8,964	3.6	326
Sire, 576359; dam, 1613822.	Difference	(3-3-4)	+812	.0	+27
Herd Owner, E. A. Barthelemy, St. Cloud.					
SARCASTIC BOY VERMILLION 781612	5 daughters	16	9,862	3.6	358
Born, 9-27-38; proved, 11-14-49;----; Minn.	5 dams	27	10,282	3.7	384
Sire, 689519; dam, 1690510.	Difference	(2-2-2)	-420	-.1	-26
Herd Owner, Lenzmeier Brothers, Shakopee.					
SAUNDERSKILL TINKER LAD 922002	13 daughters	18	10,879	3.4	370
Born, 5-7-42; proved, 11-18-49;----; N. Y.	12 daughters	16	10,986	3.4	374
Sire, 738234; dam, 1989446.	12 dams	43	11,384	3.2	368
Herd Owner, Rupert Freiberger, Accord.	Difference	(6-9-5)	-398	+.2	+6
SCHUTZHOLM CHEROKEE BLACKIE (TWIN) 890715	9 daughters	9	12,174	3.8	459
Born, 10-12-42; proved, 11-8-49;----; Wis.	7 daughters	7	12,463	3.8	477
Sire, 721252; dam, 2119186.	7 dams	15	11,740	3.7	429
Herd Owner, Jacob Midboe & Son, Chetek.	Difference	(5-6-5)	+723	+.1	+48
SEGIS FORUM 932974	8 daughters	10	14,630	3.2	468
Born, 10-12-41; proved, 11-23-49;----; Wash.	6 daughters	8	14,128	3.2	453
Sire, 772494; dam, 2020223.	6 dams	21	14,091	3.3	463
Herd Owner, Emil Swanson & Son, Mt. Vernon.	Difference	(4-1-2)	+37	-.1	-10
SHAWS DAUNTLESS DIRECT LESEYLA 897786	5 daughters	5	9,871	3.8	378
Born, 9-3-43; proved, 11-30-49;----; Maine.	5 dams	10	11,751	3.6	419
Sire, 668530; dam, 2000000.	Difference	(2-3-3)	-1,880	+.2	-41
Herd Owner, Raymond E. Keene, Hebron.					
SHIAWANA CRITERION 844849	5 daughters	7	13,958	3.4	476
Born, 12-30-41; proved, 11-1-49;----; Mich.	5 dams	14	13,538	3.4	467
Sire, 670314; dam, 2043415.	Difference	(3-2-3)	+420	.0	+9
Herd Owner, Claud M. Chamberlin & Son, Owosso.					
SHIRLEY MARMADUKE 861240	10 daughters	10	11,367	3.6	410
Born, 11-4-42; proved, 11-14-49;----; Ill.	6 daughters	6	11,014	3.6	396
Sire, 820615; dam, 2191034.	6 dams	10	11,349	3.5	401
Herd Owner, Ora L. Frazier, Stockton.	Difference	(2-4-2)	-335	+.1	-5
SIR BONNY AAGGIE BETTY ADMIRAL 907286	6 daughters	6	10,263	3.5	357
Born, 12-5-43; proved, 11-15-49;----; Wis.	6 dams	11	11,946	3.4	412
Sire, 847227; dam, 2180350.	Difference	(2-3-2)	-1,683	+.1	+55
Herd Owner, Leslie & Wayne Wright, Columbus.					
SIR BURTON SWEET ZIPPER 791883	5 daughters	9	9,308	3.2	299
Born, 12-30-38; proved, 11-1-49; dead; N. J.	5 dams	27	11,040	3.2	352
Sire, 692958; dam, 1802781.	Difference	(2-3-2)	-1,732	.0	-53
Herd Owner, State Village for Epileptics, Skillman.					
SIR CLOTHILDE PIEBE FOBES 850671	12 daughters	24	10,492	[illegible]	349
Born, 10-25-41; proved, 11-18-49;----; Md.	5 daughters	8	11,249	3.2	36[illegible]
Sire, 788516; dam, 1974607.	5 dams	14	10,106	3.3	330
Herd Owner, Raymond F. Armacost & Son, Upperco.	Difference	(4-3-4)	+1,143	-.1	+35

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR DE KOL ORMSBY FAYNE SEGIS 869384----------	8 daughters--	10	10,096	3.2	324
Born. 11-12-41; proved, 11-30-49;----; N. Y.	7 daughters--	9	9,999	3.2	316
Sire, 829238; dam, 1781114.	7 dams-------	9	10,272	3.1	316
Herd Owner, Mrs. Bid Mahony, Bombay.	Difference---	(4-4-4)	-273	+.1	0
SIR-DOUG BURK PIEBE PRIDE GERB COL JO 892906----------	7 daughters--	8	10,979	3.5	379
Born, 5-16-43; proved, 11-18-49; alive; Pa.	5 daughters--	6	11,287	3.4	381
Sire, 660575; dam, 2000423.	5 dams-------	17	12,960	3.2	414
Herd Owner, Ralph S. Nichol & Sons, Marion Center.	Difference---	(3-4-3)	-1,673	+.2	-33
SIR-DOUG NINE-O-FIVE BURK GERB COLAN 896308----------	12 daughters--	12	13,452	3.2	436
Born, 8-27-43; proved, 11-15-49; alive; Pa.	10 daughters--	10	13,196	3.3	430
Sire, 660575; dam, 2141759.	10 dams-------	23	10,468	3.3	344
Herd Owner, Danville State Hospital, Danville.	Difference----	(10-5-10)	+2,728	.0	+86
SIR DUANE PONTIAC CREATOR 802445----------	9 daughters---	11	8,675	3.6	311
Born, 1-2-40; proved, 11-30-49;----; Wis.	6 daughters---	7	8,223	3.7	301
Sire, 737338; dam, 1815901.	6 dams--------	13	8,942	3.4	301
Herd Owner, Beaver Bay Farm, Beaver Dam.	Difference----	(3-5-3)	-719	+.3	0
SIR HESTER PIETERTJE ORMSBY 805536----------	34 daughters--	67	13,411	3.6	487
Born, 11-28-39; proved, 11-15-49;----; Calif.	8 daughters---	15	13,047	3.6	469
Sire, 700150; dam, 1506728.	8 dams--------	16	12,725	3.6	458
Herd Owner, Arnold Kaiser, Modesto.	Difference----	(6-5-5)	+322	.0	+11
SIR HOESLY ORMSBY HOMESTEAD 978801----------	6 daughters---	10	12,106	3.9	468
Born, 10-20-42; proved, 11-23-49;----; Wis.	5 daughters---	9	12,492	3.9	489
Sire, 725853; dam, 1819517.	5 dams--------	17	10,617	3.8	404
Herd Owner, Oscar Pantz, Horicon.	Difference----	(4-4-4)	+1,875	+.1	+85
SIR INKA POSCH RUE 771112----------	5 daughters---	6	11,757	3.4	401
Born, 11-5-38; proved, 11-3-49;----; Wis.	5 dams--------	27	11,342	3.4	387
Sire, 651543; dam, 1630210.	Difference----	(4-2-4)	+415	.0	+14
Herd Owner, Elmer Richter, Burlington.					
SIR KORNDYKE COLANTHA PIEBE 835267----------	8 daughters---	9	11,460	3.5	398
Born, 12-11-40; proved, 11-14-49;----; Pa.	6 daughters---	7	10,971	3.6	390
Sire, 750163; dam, 2124763.	6 dams--------	14	12,009	3.1	378
Herd Owner, Krezanosky Brothers, Rea.	Difference----	(1-6-4)	-1,038	+.5	+12
SIR PAULINE FOBES ADMIRAL 813764----------	15 daughters--	27	10,585	3.8	401
Born, 12-11-40; proved, 11-29-49;----; Mo.	5 daughters---	8	11,595	3.6	423
Sire, 717831; dam, 1894940.	5 dams--------	9	9,292	3.5	328
Herd Owner, Lloyd Markt, Oregon.	Difference----	(4-3-4)	+2,303	+.1	+95
SODAPEN SIR SUE ORMSBY 898715----------	10 daughters--	11	9,917	3.8	381
Born, 12-21-43; proved, 11-30-49;----; S. Dak.	8 daughters---	9	9,666	3.9	374
Sire, 765488; dam, 1635758.	8 dams--------	22	12,436	3.3	414
Herd Owner, South Dakota Training School, Plankinton.	Difference----	(1-8-4)	-2,770	+.6	-40
SPIES BIRCHWOOD ORMSBY 14TH 900559----------	7 daughters---	10	15,460	3.4	528
Born, 2-28-43; proved, 11-15-49;----; Iowa.	6 daughters---	8	15,591	3.4	533
Sire, 777527; dam, 2054601.	6 dams--------	12	13,005	3.5	454
Herd Owner, Le Roy Oddson, Graettinger.	Difference----	(6-4-5)	+2,586	-.1	+79
SPRING RIDGE ESTIMATION PRINCE 860597----------	9 daughters---	13	13,404	3.5	466
Born, 8-19-42; proved, 11-9-49;----; Wis.	8 daughters---	12	13,215	3.5	466
Sire, 807372; dam, 2086248.	8 dams--------	29	12,499	3.5	436
Herd Owner, Edward N. Mirsberger, Hilbert.	Difference----	(4-3-5)	+716	.0	+30
STAR ETTA BESS DE KOL 946319----------	5 daughters---	5	8,566	3.7	315
Born, 4-28-44; proved, 11-30-49;----; Minn.	5 dams--------	16	12,723	3.6	454
Sire, 812939; dam, 1945301.	Difference----	(0-4-0)	-4,157	+.1	-139
Herd Owner, Christian A. Olsen & Sons, Nicollet.					
STEILACOOM HAZELWOOD GETTIE 861881----------	8 daughters---	11	13,179	3.8	495
Born, 8-28-42; proved, 11-15-49;----; Wash.	6 daughters---	8	12,867	3.8	485
Sire, 786321; dam, 2042586.	6 dams--------	24	14,060	3.8	537
Herd Owner. Washington State Penitentiary, Walla Walla.	Difference----	(1-4-2)	-1,193	.0	-52
STOCKTON MATCHLESS AJAX 858275----------	6 daughters---	10	12,332	3.8	468
Born, 2-10-42; proved, 11-1-49; dead; Calif.	5 daughters---	8	12,156	3.9	471
Sire, 699390; dam, 1885647.	5 dams--------	8	14,431	3.7	532
Herd Owner, Stockton State Hospital, Stockton.	Difference----	(1-4-1)	-2,275	+.2	-61
STOCKTON MEAD MATCHLESS 843308----------	6 daughters---	6	16,384	3.3	547
Born, 6-30-41; proved, 11-2-49; alive, Calif.	6 dams--------	13	13,772	3.4	473
Sire, 699309; dam, 1810631.	Difference----	(4-4-3)	+2,612	-.1	+74
Herd Owner, Stockton State Hospital, Stockton.					
TAYCHEEDAH DIRECT HOLMBONHEUR 857886----------	11 daughters--	14	10,879	3.5	381
Born, 4-30-42; proved, 11-15-49;----; Wis.	5 daughters---	7	10,149	3.6	364
Sire, 758964; dam, 1815829.	5 dams--------	9	11,473	3.6	412
Herd Owner, John Luebke, Manitowoc.	Difference----	(2-3-1)	-1,324	.0	-48

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
THAYER FARM KING ORMSBY COLANTHA 849248----------	16 daughters--	17	11,401	3.5	395
Born, 5-14-40; proved, 11-14-49;----; N. Y.	6 daughters---	7	11,694	3.3	381
Sire, 755574; dam, 1690773.	6 dams--------	11	10,913	3.3	359
Herd Owner, Frank Walker & Son, Falconer.	Difference----	(4-4-3)	+781	.0	+22
U NEB KARMORE PANOR 838593----------	7 daughters---	7	14,576	3.5	512
Born, 1-1-42; proved, 11-30-49;----; Nebr.	5 daughters---	5	14,117	3.7	517
Sire, 705263; dam, 1738418.	5 dams--------	10	13,949	3.6	507
Herd Owner, University of Nebraska, Mitchell.	Difference----	(3-3-3)	+168	+.1	+10
U NEB KILM CELMAC 843909----------	6 daughters---	8	12,350	3.4	425
Born, 2-24-42; proved, 11-4-49;----; Nebr.	5 daughters---	7	11,839	3.5	412
Sire, 683981; dam, 1728744.	5 dams--------	14	13,962	3.5	486
Herd Owner, Alfred Engel, Fremont.	Difference----	(1-2-2)	-2,123	.0	-74
U S S H JERRY LEE COLANTHA ROXY 846654----------	13 daughters--	20	11,399	3.7	417
Born, 2-19-42; proved, 11-1-49; dead; Md.	8 daughters---	12	11,525	3.7	428
Sire, 724922; dam, 1891982.	8 dams--------	21	13,255	3.5	461
Herd Owner, N. H. White, Jr., Mitchellville.	Difference----	(1-6-2)	-1,730	+.2	-33
VAN HORNE CREAMELLE ONYX COLANTHA 892874*(July 1949)------	11 daughters--	13	12,437	3.4	417
Born, 3-28-43; proved, 11-8-49; alive; Minn.	9 daughters---	11	12,245	3.4	412
Sire, 788674; dam, 2007782.	9 dams--------	18	8,820	3.5	305
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference----	(9-4-8)	+3,425	-.1	+107
VICKERY RAG APPLE KING 879371----------	9 daughters---	10	14,156	3.7	527
Born, 3-12-43; proved, 11-9-49;----; Wis.	9 dams--------	45	13,336	3.5	465
Sire, 768821; dam, 2054726.	Difference----	(6-7-7)	+820	+.2	+62
Herd Owner, Jones & Powers, Racine.					
VINELAND FAME SENSATION EMINENT 887814----------	8 daughters---	9	11,154	3.8	420
Born, 5-30-43; proved, 11-8-49;----; N. J.	7 daughters---	8	11,437	3.7	426
Sire, 748441; dam, 1900798.	7 dams--------	38	11,747	3.7	440
Used in Sussex Co-op. A. B. A., Inc.	Difference----	(3-5-3)	-310	.0	-14
WAL-CO-FARM DAWN TRITOMIA WALKER 869327----------	6 daughters---	7	11,558	3.8	440
Born, 9-10-42; proved, 11-30-49;----; Wis.	6 dams--------	19	12,246	4.0	485
Sire, 746634; dam, 1907124.	Difference----	(2-2-2)	-688	-.2	-45
Herd Owner, Hemstreet & Border, Elkhorn.					
WALDHOLM ADMIRAL LUCKY STRIKE 834393----------	6 daughters---	6	8,073	3.6	291
Born, 9-28-41; proved, 11-9-49;----; Wis.	6 dams--------	18	9,800	3.4	335
Sire, 749064; dam, 2025408.	Difference----	(0-6-0)	-1,727	+.2	-44
Herd Owner, George J. Smith, Eldorado.					
WALKER SEGIS DUKE (TWIN) 767275*10----------	21 daughters--	40	11,992	3.7	445
Born, 3-1-38; proved, 11-3-49;----; Pa.	15 daughters--	32	12,718	3.7	473
Sire, 715011; dam, 1631813.	15 dams-------	73	12,089	3.6	440
Used in Western Pennsylvania Co-op. A. B. A.	Difference----	(8-12-9)	+629	+.1	+33
WALKWAY CHIEFTAIN MARION PEARL 904863----------	5 daughters---	5	12,716	4.0	510
Born, 9-17-43; proved, 11-30-49;----; Ill.	5 dams--------	19	13,819	3.9	536
Sire, 828821; dam, 1878042.	Difference----	(2-4-2)	-1,103	+.1	-26
Herd Owner, Walk Brothers, Neoga.					
WASSAIC PRINCE DE KOL 821911----------	12 daughters--	17	9,807	3.4	332
Born, 3-25-41; proved, 11-3-49; dead; N. Y.	11 daughters--	16	9,960	3.4	335
Sire, 789809; dam, 1509698.	11 dams-------	27	11,165	3.5	395
Herd Owner, Wassaic State School, Wassaic.	Difference----	(4-4-4)	-1,205	-.1	-60
WEARY RIVER VALDESSA GOVERNOR 867753----------	18 daughters--	18	13,361	4.0	531
Born, 6-15-42; proved, 11-18-49;----; Calif.	16 daughters--	16	13,432	4.0	539
Sire, 706791; dam, 1639678.	16 dams-------	20	11,175	4.0	452
Herd Owner, H. G. Fenton, San Diego.	Difference----	(14-6-15)	+2,257	.0	+87
WIL-EL DELL DANDY 926768----------	5 daughters---	5	12,037	3.4	404
Born, 3-10-43; proved, 11-18-49;----; Wis.	5 dams--------	10	10,760	3.4	367
Sire, 917426; dam, 1845946.	Difference----	(3-1-2)	+1,277	.0	+37
Herd Owner, William J. Figi, Argyle.					
WILLOLA SIR SNOW PATHFINDER 888746----------	13 daughters--	22	12,253	3.5	424
Born, 1-24-42; proved, 11-14-49;----; N. Y.	7 daughters---	11	12,066	3.5	423
Sire, 119671 CHB; dam, 271469 CHB.	7 dams--------	13	12,342	3.6	441
Herd Owner, Antonio Genovesi, Slingerlands.	Difference----	(2-4-1)	-276	-.1	-18
WIN-STAFA SIR VICTORY GARDNER 870614----------	20 daughters--	28	8,801	3.6	318
Born, 11-17-42; proved, 11-30-49;----; Wis.	9 daughters---	12	9,365	3.6	340
Sire, 759691; dam, 2171194.	9 dams--------	15	9,826	3.4	339
Herd Owner, Ed. Schaal, Burlington.	Difference----	(3-8-6)	-461	+.2	+1
W I S MODEL BEETS 759320*9----------	28 daughters--	52	10,951	3.4	372
Born, 2-10-38; proved, 11-30-49;----; Wis.	25 daughters--	46	10,698	3.4	365
Sire, 698242; dam, 1748139.	25 dams--------	99	11,916	3.5	414
Herd Owner, J. Frank Kline & Son, Browntown.	Difference----	(9-15-10)	-1,218	-.1	-49

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WIS ROYAL MARATHON SEGIS (TWIN) *891760----------	7 daughters---	7	12,651	3.8	475
Born, 10-30-43; proved, 11-14-49;----; Wis.	6 daughters---	6	13,230	3.8	497
Sire, 811985; dam, 2078956.	6 dams--------	19	11,007	3.7	403
Herd Owner, Bernard A. Conlin, Columbus.	Difference----	(5-4-5)	+2,223	+.1	+94
WOCOWA HANDY JACK 919763----------	14 daughters--	15	11,560	3.5	403
Born, 5-11-43; proved, 11-18-49;----; Oreg.	12 daughters--	13	11,456	3.5	404
Sire, 773388; dam, 2316479.	12 dams-------	28	12,926	3.4	433
Herd Owner, St. Benedict's Abbey, St. Benedict.	Difference----	(2-8-5)	-1,470	+.1	-29
WOODCRAFT JEWEL AAGGIE FOBES 856277----------	11 daughters--	14	8,264	3.7	308
Born, 5-1-42; proved, 11-3-49; dead; Colo.	7 daughters---	10	8,665	3.8	326
Sire, 768231; dam, 2025597.	7 dams--------	33	8,790	3.7	325
Herd Owner, Holland Dairy Co. , Colorado Springs.	Difference----	(4-4-4)	-125	+.1	+1
WOODCRAFT SUCCESSOR SPRUCE LAWN 851782----------	8 daughters---	10	12,686	3.7	473
Born, 1-19-42; proved, 11-1-49;----; Wis.	6 daughters---	7	13,025	3.7	487
Sire, 792136; dam, 1912027.	6 dams--------	22	10,415	3.8	392
Herd Owner, S. C. Pirie, Lake Geneva.	Difference----	(6-3-6)	+2,610	-.1	+95
WOODLAND PABST MATCHLESS 912279----------	7 daughters---	10	12,348	3.7	459
Born, 10-19-41; proved, 11-18-49;----; Mich.	5 daughters---	5	12,156	3.7	456
Sire, 119223 CHB; dam, 244372 CHB.	5 dams--------	11	12,721	3.4	433
Herd Owner, J. G. Matthews, St. Johns.	Difference----	(2-4-3)	-565	+.3	+23
35-G0122 (DHIA EARTAG)----------	6 daughters---	7	10,332	3.5	356
Born, ----; proved, 11-3-49; dead; Wis.	5 daughters---	6	10,362	3.4	357
Sire, ----; dam, ----.	5 dams--------	13	12,447	3.6	444
Herd Owner, George Jost, Hilbert.	Difference----	(1-2-0)	-2,085	-.2	-87

JERSEY SIRES

ADA SAMMY TORMENTOR PRINCE 454820----------	13 daughters--	29	8,185	5.1	417
Born, 4-16-37; proved, 11-4-49;----; Mich.	9 daughters---	20	8,011	5.1	408
Sire, 345854; dam, 565052.	9 dams--------	34	9,607	4.9	475
Herd Owner, Wilbur D. Haskins, Jonesville.	Difference----	(2-7-3)	-1,596	+.2	-67
BESSIE JARDINE OBSERVER 450894----------	7 daughters---	7	7,250	5.6	403
Born, 10-24-43; proved, 11-18-49;----; Iowa.	6 daughters---	6	7,144	5.5	393
Sire, 378562; dam, 1114959.	6 dams--------	27	7,492	5.5	416
Herd Owner, Scott Jersey Farm, Wilton Junction.	Difference----	(3-4-3)	-348	.0	-23
BET'S VOLUNTEER DESIGN 404106*13----------	24 daughters--	40	7,204	5.2	377
Born, 7-9-39; proved, 11-28-49;----; Mo.	12 daughters--	25	7,291	5.2	377
Sire, 342991; dam, 1037714.	12 dams-------	33	7,637	5.0	385
Used in Eastern Oklahoma A. B. A., Okla.	Difference----	(6-6-4)	-346	+.2	-8
BILTMORE STANDARD BOASTER 439641*(Feb. 1949)----------	27 daughters--	36	8,565	5.4	466
Born, 7-8-42; proved, 11-17-49;----; Mich.	18 daughters--	22	8,429	5.3	447
Sire, 364941; dam, 1130496.	18 dams-------	41	7,452	5.5	410
Used in Southeastern A. B. A., N. C.	Difference----	(14-6-12)	+977	-.2	+37
BLONDE STANDARD POMPOUS 427425*13----------	15 daughters--	21	7,847	5.3	414
Born, 1-6-41; proved, 11-1-49; alive; Ky.	11 daughters--	17	8,031	5.3	424
Sire, 331755; dam, 1130275.	11 dams-------	20	8,199	5.2	425
Used in Mississippi Co-op. A. B. A., Miss.	Difference----	(6-7-5)	-168	+.1	-1
BRAMPTON PINNACLE HIGH SON 440663----------	14 daughters--	16	7,194	5.5	397
Born, 5-22-42; proved, 11-30-49;----; Mo.	6 daughters---	6	7,152	5.7	406
Sire, 100201 CJCC; dam, 1364413.	6 dams--------	11	7,557	5.2	392
Used in M. F. A. A. B. A.	Difference----	(1-5-3)	-405	+.5	+14
CORONATION EAGLE VICTOR 399398*10----------	14 daughters--	54	7,663	5.8	443
Born, 12-22-38; proved, 11-30-49; dead; Pa.	13 daughters--	52	7,625	5.8	443
Sire, 380352; dam, 1010034.	13 dams-------	67	8,181	5.7	466
Herd Owner, George W. Rosener, Aldenville.	Difference----	(2-8-4)	-556	+.1	-23
CYNTHIA BLONDE SAM 450912----------	18 daughters--	26	6,848	5.2	354
Born, 7-27-37; proved, 11-8-49; dead; Iowa.	10 daughters--	12	6,387	5.0	322
Sire, 377518; dam, 1210465.	10 dams-------	19	6,517	5.3	346
Herd Owner, A. G. Krekel & Son, Burlington.	Difference----	(4-3-4)	-130	-.3	-24
DAIRYLIKE SYBIL KING 448737*(Apr. 1949)----------	14 daughters--	19	7,460	5.3	392
Born, 1-23-43; proved, 11-4-49; alive; Pa.	14 dams-------	44	7,753	5.1	398
Sire, 423240; dam, 1126540.	Difference----	(5-9-6)	-293	+.2	-6
Used in Delaware Co-op. A. B. A., Inc., Del.					
DIAMOND COCK ROBIN 393706*13----------	29 daughters--	46	6,692	5.0	337
Born, 4-22-38; proved, 11-23-49;----; N. Y.	19 daughters--	26	6,833	5.0	341
Sire, 359290; dam, 1037144.	19 dams-------	60	6,672	4.9	326
Herd Owner, Michael Johnson, Merrdith.	Difference----	(10-12-11)	+161	+.1	+15

DEWEY SIRES	Number	Number	[illegible]	[illegible]	[illegible]
DOUBLE BODICIA DESIGN 438104	10 daughters--	15	6,155	[illegible]	[illegible]
Born, 10-26-41; proved, 11-15-49; dead; Ky.	6 daughters---	[illegible]	[illegible]	[illegible]	[illegible]
Sire, 380044; dam, 1041107.	6 dams--------	13	[illegible]	4.8	357
Herd Owner, G. B. Scott, Murray.	Difference----	(2-[illegible]-2)	-1,147	+.4	-[illegible]
DREAMER LADDIE 396477	6 daughters---	[illegible]	8,284	[illegible]	433
Born, 1-8-38; proved, 11-30-49;----; Ohio.	6 dams--------	10	8,923	5.1	453
Sire, 376391; dam, 926089.	Difference----	(2-5-2)	-639	+.1	-20
Herd Owner, Elmer Dammeyer & Sons, St. Marys.					
DUKE VICTOR ACE 440764	18 daughters--	20	8,370	[illegible]	472
Born, 1-29-42; proved, 11-30-49;----; Ohio.	8 daughters---	8	8,032	5.6	448
Sire, 382901; dam, 1165362.	8 dams--------	9	8,914	[illegible]	480
Herd Owner, Howard Smith, Pierpont.	Difference----	(2-7-2)	-882	+.2	-32
F. D. GAME TORMENTOR 440997*13	16 daughters--	29	8,551	5.7	490
Born, 6-24-40; proved, 11-3-49; alive; Md.	14 daughters--	25	8,633	5.7	492
Sire, 355635; dam, 1111120.	14 dams-------	69	8,356	5.3	447
Used in Southeastern A. B. A., N. C.	Difference----	(8-11-11)	+277	+.4	+45
FLYING FAUVIC 400065	26 daughters--	81	8,382	5.5	462
Born, 2-6-38; proved, 11-3-49;----; Oreg.	21 daughters--	76	8,618	5.5	476
Sire, 378667; dam, 1121711.	21 dams-------	56	7,846	5.1	399
Used in Yamhill Co. A. B. A.	Difference----	(14-18-19)	+772	+.4	+77
FOREMOST CRACKERJACK 432741	11 daughters--	12	7,711	5.9	457
Born, 9-8-41; proved, 11-22-49;----; Ohio.	6 daughters---	7	7,816	5.9	457
Sire, 344296; dam, 1097864.	6 dams--------	7	7,325	5.5	403
Used in Central Ohio Co-op. A. B. A.	Difference----	(4-4-5)	+491	+.4	+54
FORWARD BUSTER 442398*13	14 daughters--	21	8,858	5.1	451
Born, 3-17-42; proved, 11-9-49;----; Wash.	13 daughters--	20	8,649	5.1	444
Sire, 368702; dam, 1178964.	13 dams-------	39	9,092	5.2	476
Herd Owner, C. O. Osgood & Sons, Elma.	Difference----	(6-3-5)	-443	-.1	-32
FOUR OWL MAWBERT R. JACOB 401529	13 daughters--	26	7,136	5.6	399
Born, 8-21-38; proved, 11-30-49; dead; Pa.	8 daughters---	16	7,277	5.5	400
Sire, 365678; dam, 919658.	8 dams--------	22	7,455	5.5	410
Herd Owner, Norman Brothers, Liberty.	Difference----	(3-5-3)	-178	.0	-10
FOXY REMUS 439605	11 daughters--	17	6,389	4.8	307
Born, 3-13-42; proved, 11-8-49;----; Ky.	8 daughters---	12	6,230	4.8	300
Sire, 400954; dam, 1128862.	8 dams--------	11	6,035	5.1	305
Used in Kentucky A. B. A.	Difference----	(4-3-3)	+195	-.3	-5
GAMBOGE TORMENTOR BOB 447217	6 daughters---	6	5,533	5.5	306
Born, 10-12-42; proved, 11-30-49;----; Vt.	6 dams--------	21	6,613	5.1	337
Sire, 411798; dam, 1304407.	Difference----	(1-5-1)	-1,080	+.4	-31
Herd Owner, Floyd Stone, Jacksonville.					
GIL-BAR VERA AIM 441751	8 daughters---	9	6,635	4.8	317
Born, 11-27-41; proved, 11-30-49;----; Wis.	7 daughters---	7	6,732	4.8	324
Sire, 412657; dam, 1150448.	7 dams--------	16	7,828	5.4	427
Used in Rock Co. Co-op. A. B. A.	Difference----	(1-1-0)	-1,096	-.6	-103
GIPSY GAMBOGE DAWN INTEREST 441292	12 daughters--	16	6,743	5.3	357
Born, 5-18-42; proved, 11-18-49;----; N. Y.	10 daughters--	14	6,646	5.3	353
Sire, 392088; dam, 1199004.	10 dams-------	31	7,385	5.3	390
Herd Owner, George Maurer & Son, Franklin.	Difference----	(2-7-5)	-739	.0	-37
GLENNIS VICTOR LAD LEADER 446013	6 daughters---	13	8,163	5.1	420
Born, 2-12-42; proved, 11-22-49;----; Ind.	6 dams--------	39	8,660	5.1	437
Sire, 413203; dam, 1155692.	Difference----	(3-4-2)	-497	.0	-17
Herd Owner, Everett S. Rice, Monroe.					
GOLDEN REASON 406592	7 daughters---	10	6,537	5.4	353
Born, 7-19-39; proved, 11-30-49;----; Pa.	5 daughters---	8	6,234	5.4	335
Sire, 328366; dam, 1000888.	5 dams--------	26	6,922	5.4	374
Herd Owner, C. F. Glasser, Marion Center.	Difference----	(0-3-1)	-688	.0	-39
HAPPY DESIGN SULTAN 442021*13	15 daughters--	27	7,822	5.2	408
Born, 2-22-42; proved, 11-2-49; dead; Mo.	10 daughters--	18	7,748	5.2	399
Sire, 404289; dam, 1045237.	10 dams-------	21	9,558	4.7	447
Herd Owner, A. H. Melnershagen, Higginsville.	Difference----	(2-9-5)	-1,810	+.5	-48
IDYE VICTOR LADDIE 443054	7 daughters---	12	8,472	5.2	441
Born, 6-25-42; proved, 11-3-49;----; Pa.	7 dams--------	20	8,704	5.0	443
Sire, 403808; dam, 1210755.	Difference----	(3-5-4)	-232	+.2	+8
Herd Owner, Perry F. Morris, Charleroi.					
JUBILEE MOOR VICTOR 449959	12 daughters--	14	6,530	5.5	359
Born, 10-1-43; proved, 11-18-49;----; Minn.	10 daughters--	12	6,698	5.4	361
Sire, 435106; dam, 1273500.	10 dams-------	25	8,003	5.4	430
Herd Owner, Frank Furst, Lake City.	Difference----	(1-6-3)	-1,305	.0	-69

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING PIONEER PEER LAD 401682*9----------	23 daughters--	67	7,784	5.1	399
Born, 1-9-38; proved, 11-30-49;----; Wash.	15 daughters--	43	7,789	5.2	407
Sire, 374056; dam, 1119819.	15 dams-------	37	7,096	5.2	371
Herd Owner, John Hanks, Jr., Ellensburg.	Difference----	(10-7-10)	+693	.0	+36
LILAC REMUS UNRIVALED ABNER 458088----------	6 daughters---	6	8,872	5.2	463
Born, 3-28-44; proved, 11-18-49;----; Vt.	6 dams--------	18	7,520	5.3	397
Sire, 409293; dam, 1289898.	Difference----	(4-2-5)	+1,352	-.1	+66
Herd Owner, Hill Farm, St. Albans.					
LONGFIELDS JESTER OF OZ 391607*12----------	23 daughters--	42	8,018	5.0	402
Born, 5-27-38; proved, 11-2-49; dead; Kans.	23 dams-------	69	7,004	5.4	382
Sire, 353764; dam, 1000082.	Difference----	(16-5-11)	+1,014	-.4	+20
Herd Owner, J. Lawrence Byler, Wellington.					
MARIE BOY'S COUNT 401085----------	8 daughters---	13	7,738	4.7	367
Born, 9-3-37; proved, 11-18-49;----; N. Y.	6 daughters---	10	7,917	4.7	374
Sire, 393088; dam, 1196777.	6 dams--------	16	7,927	4.8	379
Herd Owner, Joe M. Honeywell, Walton.	Difference----	(3-2-3)	-10	-.1	-5
MASTERPIECE AIMING DESIGN 440732*13----------	15 daughters--	22	7,419	5.4	401
Born, 1-2-42; proved, 11-1-49;----; Mich.	14 daughters--	21	7,638	5.4	413
Sire, 386696; dam, 1271772.	14 dams-------	29	8,439	5.3	444
Herd Owner, Dr. Cyril Spike, Owosso.	Difference----	(7-10-7)	-801	+.1	-31
OAKLANDS TINY TIM 402410*12----------	31 daughters--	74	7,133	5.2	369
Born, 10-13-37; proved, 11-4-49;----; W. Va.	22 daughters--	53	6,825	5.2	355
Sire, 215418; dam, 845068.	22 dams-------	67	7,391	4.9	366
Herd Owner, C. Albert Woodworth, Hurricane.	Difference----	(11-14-9)	-566	+.3	-11
OBSERVER DESIGN BRAVO 450035----------	12 daughters--	14	5,640	4.7	268
Born, 3-25-43; proved, 11-18-49;----; Tenn.	8 daughters---	10	5,531	4.8	266
Sire, 370125; dam, 1236365.	8 dams--------	10	5,762	4.6	267
Herd Owner, C. W. Beckham & Sons, Lewisburg.	Difference----	(3-6-5)	-231	+.2	-1
OHIO SYBIL WONDERFUL 448527----------	10 daughters--	10	7,860	5.2	412
Born, 6-16-43; proved, 11-30-49;----; Ohio.	8 daughters---	8	7,758	5.1	395
Sire, 431270; dam, 1234339.	8 dams--------	19	8,437	5.1	428
Herd Owner, Ohio State University, Columbus.	Difference----	(4-4-4)	-679	.0	-33
OH SO FAMOUS 434778----------	11 daughters--	14	8,868	5.2	461
Born, 2-3-42; proved, 11-2-49; alive; Pa.	10 daughters--	13	9,001	5.2	465
Sire, 389486; dam, 1130388.	10 dams-------	43	7,453	5.5	413
Used in Western Pennsylvania Co-op. A. B. A.	Difference----	(10-4-8)	+1,548	-.3	+52
O. K. ROSEBOY DOUBLE CHIEF 412605----------	7 daughters---	14	7,856	5.6	444
Born, 2-7-40; proved, 11-1-49;----; Minn.	5 daughters---	8	7,655	5.7	434
Sire, 398659; dam, 962715.	5 dams--------	20	6,767	5.6	376
Herd Owner, River Grove Farm, Rochester.	Difference----	(3-3-3)	+888	+.1	+58
PALATINE RALEIGH NOBLE 402526----------	13 daughters--	22	6,457	5.4	348
Born, 10-31-38; proved, 11-18-49;----; Mich.	5 daughters---	10	6,266	5.3	334
Sire, 383885; dam, 1075214.	5 dams--------	18	6,769	4.9	335
Herd Owner, Harry Martin, Ionia.	Difference----	(2-4-3)	-503	+.4	-1
PAULINE BARON PEER 442156*13----------	10 daughters--	15	8,679	5.4	467
Born, 2-17-42; proved, 11-1-49; dead; Wash.	10 dams-------	33	9,321	5.2	489
Sire, 390458; dam, 1283298.	Difference----	(4-8-4)	-642	+.2	-22
Herd Owner, O. P. Dosland Estate, Grays River.					
PEER VALIANT EAGLE 425101----------	9 daughters---	18	6,965	4.8	332
Born, 1-25-41; proved, 11-30-49;----; Wash.	6 daughters---	14	6,884	4.8	327
Sire, 393019; dam, 1287490.	6 dams--------	15	7,538	4.8	364
Herd Owner, Albert Gleason, Ellensburg.	Difference----	(3-3-2)	-654	.0	-37
PHILIDORA DESIGN VOLUNTEER 445456----------	5 daughters---	5	7,153	5.4	385
Born, 11-20-42; proved, 11-15-49;----; Kans.	5 dams--------	23	6,555	5.4	353
Sire, 402238; dam, 1268453.	Difference----	(4-2-3)	+598	.0	+32
Herd Owner, Herman L. Bonine, Thayer.					
POGIS MAJESTY OWL 392832*10----------	12 daughters--	19	7,597	5.8	438
Born, 4-27-38; proved, 11-18-49;----; Ill.	11 daughters--	18	7,558	5.7	432
Sire, 369732; dam, 1045005.	11 dams-------	41	7,407	5.5	408
Herd Owner, Orall Bundy, Sullivan.	Difference----	(6-7-7)	+151	+.2	+24
POGIS SUCCESSOR OF W. G. FARM 391795*10----------	39 daughters--	103	7,259	5.2	380
Born, 2-3-38; proved, 11-30-49;----; N. J.	37 daughters--	96	7,246	5.3	381
Sire, 375906; dam, 843970.	37 dams-------	160	6,210	5.2	324
Herd Owner, Louis M. Kiesling, Bordentown.	Difference----	(28-20-30)	+1,036	+.1	+57
RALEIGH FOX VOL. BARONET 454049*(May 1949)----------	12 daughters--	16	8,399	5.5	463
Born, 9-20-43; proved, 11-3-49;----; N. Y.	12 dams-------	33	8,508	5.5	466
Sire, 406267; dam, 1223054.	Difference----	(6-8-4)	-109	.0	-3
Used in Northwestern Minnesota A. B. A., Minn.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
RALEIGH HARRY CECIL 492398----------	9 daughters---	14	7,278	5.1	369
Born, 1-1-42; proved, 11-8-49;----; Iowa.	6 daughters---	9	7,352	5.0	369
Sire, 423493; dam, 880592.	6 dams--------	11	7,719	5.3	409
Herd Owner, A. G. Krekel & Son, Burlington.	Difference----	(2-2-3)	-367	-.3	-40
RIGHT INDEPENDENT 444415----------	5 daughters---	8	5,956	5.7	340
Born, 1-30-43; proved, 11-30-49;----; Mass.	5 dams--------	22	7,578	5.8	441
Sire, 389486; dam, 1224505.	Difference----	(0-2-0)	-1,622	-.1	-101
Herd Owner, William F. Lacey & Son, Byfield.					
SIEGFRIED REMUS TOR 444712----------	12 daughters--	17	9,212	5.4	493
Born, 2-8-43; proved, 11-15-49;----; Mass.	8 daughters---	12	9,336	5.3	492
Sire, 376677; dam, 1240822.	8 dams--------	28	9,083	5.2	473
Herd Owner, High Lawn Farm, Lenox.	Difference----	(3-5-3)	+253	+.1	+19
SMILAX BEAU SULTAN OF S. S. F. 422988*13----------	16 daughters--	31	7,888	5.5	436
Born, 12-9-40; proved, 11-8-49;----; N. Y.	16 dams-------	96	7,776	5.2	402
Sire, 378498; dam, 940199.	Difference---	(10-13-11)	+112	+.3	+34
Used in New York Co-op. A. B. A., Inc.					
STANDARD MAJESTY DUKE 458311----------	7 daughters---	7	11,357	5.4	615
Born, 3-17-44; proved, 11-3-49;----; Vt.	7 dams---- ---	33	10,343	5.4	556
Sire, 443667; dam, 1019583.	Difference----	(6-4-6)	+1,014	.0	+59
Herd Owner, Brigham Farm, St. Albans.					
SULTANE ROSY HEIR 457095----------	7 daughters---	7	8,099	6.3	506
Born, 12-30-43; proved, 11-30-49;----; Ohio.	5 daughters---	5	8,221	6.4	526
Sire, 417998; dam, 1206301.	5 dams--------	6	7,311	5.9	428
Used in Central Ohio Co-op. A. B. A.	Difference----	(5-5-5)	+910	+.5	+98
SYBIL OWL ZOUAVE 448331----------	6 daughters---	6	6,465	5.1	327
Born, 6-13-43; proved, 11-2-49;----; Vt.	6 dams--------	17	6,219	4.8	298
Sire, 396681; dam, 916780.	Difference----	(4-3-4)	+246	+.3	+29
Herd Owner, Carroll C. Stanley & Son, Enosburg Falls.					
THOMAS JACK SPARROW AIM 439554----------	6 daughters---	10	7,503	5.2	392
Born, 8-1-42; proved, 11-9-49;----; Mich.	5 daughters---	8	7,799	5.2	407
Sire, 414771; dam, 1309901.	5 dams--------	26	7,842	5.4	424
Herd Owner, Ralph Schroeder & Sons, Owosso.	Difference----	(2-3-2)	-43	-.2	-17
TOP HAT SYBIL BRAMPTON 441249*13----------	14 daughters--	21	6,161	5.1	314
Born, 11-13-41; proved, 11-30-49; dead; Wis.	11 daughters--	16	6,189	5.1	318
Sire, 412658; dam, 1258940.	11 dams-------	41	8,591	5.0	433
Herd Owner, Haeuser & Kammueller, Fountain City.	Difference----	(0-6-1)	-2,402	+.1	-115
U. N. H. SIGNAL INTEREST 441107----------	6 daughters---	7	9,446	4.9	459
Born, 6-26-42; proved, 11-14-49;----; N. H.	6 dams--------	28	9,034	4.7	420
Sire, 390018; dam, 1107532.	Difference----	(4-5-5)	+412	+.2	+39
Used in New Hampshire A. B. A.					
UPWEY SYBIL IXION 435296----------	15 daughters--	28	7,155	5.3	380
Born, 4-2-41; proved, 11-30-49;----; Vt.	11 daughters--	18	7,569	5.2	393
Sire, 367105; dam, 950072.	11 dams-------	35	6,694	5.3	352
Used in Vermont Co-op. A. B. A., Inc.	Difference----	(8-4-8)	+875	-.1	+41
VALIANT STANDARD WONDER 442509----------	11 daughters--	15	5,808	5.8	338
Born, 10-17-41; proved, 11-3-49;----; Minn.	10 daughters--	13	5,825	5.8	339
Sire, 389049; dam, 1085826.	10 dams-------	21	6,715	5.4	365
Herd Owner, River Grove Farm, Rochester.	Difference----	(3-6-5)	-890	+.4	-26
VERA'S DESIGN ROSEBOY 399506----------	14 daughters--	15	6,395	5.7	363
Born, 10-20-38; proved, 11-22-49;----; Fla.	8 daughters---	8	6,216	5.7	352
Sire, 361361; dam, 1069383.	8 dams--------	16	6,447	5.3	340
Herd Owner, Florida School for Deaf & Blind, St. Augustine.	Difference----	(4-7-4)	-231	+.4	+12
VOLUNTEER KILLINGLY TORONO 397891----------	8 daughters---	9	9,272	5.2	482
Born, 8-21-38; proved, 11-18-49;----; Mich.	7 daughters---	8	9,066	5.2	470
Sire, 356364; dam, 1165655.	7 dams--------	25	9,040	5.1	460
Herd Owner, Wilbur D. Haskins, Jonesville.	Difference----	(3-5-4)	+26	+.1	+10
VOLUNTEER PEDRO ROYAL LAD 450948*13----------	11 daughters--	15	8,455	5.3	446
Born, 4-12-42; proved, 11-9-49;----; Wash.	11 dams-------	49	9,639	5.0	478
Sire, 413323; dam, 1273437.	Difference----	(2-9-2)	-1,184	+.3	-32
Herd Owner, Lloyd McFarland, Mt. Vernon.					
VOLXENIA FAIRY NOBLE 449058*13----------	10 daughters--	11	8,160	5.2	427
Born, 10-19-42; proved, 11-3-49; alive; Maine.	9 daughters---	10	7,594	5.3	404
Sire, 411605; dam, 1189341.	9 dams--------	28	8,394	5.3	443
Used in Maine Co-op. A. B. A.	Difference----	(2-6-3)	-800	.0	-39
WAR BREAD SYBIL BLONDE 442518----------	7 daughters---	11	6,312	5.0	312
Born, 8-3-42; proved, 11-30-49;----; Md.	6 daughters---	10	6,595	5.0	332
Sire, 359996; dam, 1073104.	6 dams--------	19	7,623	5.0	379
Herd Owner, Holly Beach Farm, Annapolis.	Difference----	(2-4-1)	-1,028	.0	-47

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WENDYBROOK HADRIAN 436842----------	15 daughters--	21	5,346	5.1	272
Born, 9-24-40; proved, 11-18-49;----; N. H.	5 daughters---	7	5,106	5.2	263
Sire, 101100 CJCC; dam, 107049 CJCC.	5 dams--------	8	5,450	4.8	262
Herd Owner, R. N. Johnson & Louis S. Ballarn, Walpole.	Difference----	(3-3-3)	-344	+.4	+1
WONDERFUL ROCKET STANDARD 393872*11----------	20 daughters--	35	6,823	5.4	369
Born, 8-21-38; proved, 11-30-49;----; Ohio.	19 daughters--	32	6,687	5.5	364
Sire, 393089; dam, 1189324.	19 dams-------	93	7,403	5.1	381
Herd Owner, James Tingley, Rockford.	Difference----	(8-14-8)	-716	+.4	-17
X DREAMING AIM 455547----------	11 daughters--	13	6,727	4.9	327
Born, 7-1-42; proved, 11-28-49;----; Md.	9 daughters---	10	6,538	4.9	321
Sire, 401669; dam, 1197324.	9 dams--------	18	7,140	4.7	332
Herd Owner, Paul Hoffman, Ridgely.	Difference----	(4-4-5)	-602	+.2	-11
YOU'LL DO BUTTER KING 357899----------	17 daughters--	40	6,612	5.3	351
Born, 3-20-33; proved, 11-17-49;----; Pa.	6 daughters---	10	5,867	5.5	322
Sire, 239452; dam, 579062.	6 dams--------	30	7,334	5.3	391
Herd Owner, Bertha Ulrich, Perkasie.	Difference----	(0-3-1)	-1,467	+.2	-69

SHORTHORN SIRES

BORG'S BLADEN BARON 2D 2110671----------	7 daughters---	8	6,004	4.1	244
Born, 1-15-42; proved, 11-3-49;----; Ill.	6 daughters---	7	5,752	4.0	232
Sire, 1959733; dam, 2015083.	6 dams--------	9	5,811	3.9	229
Herd Owner, Leonard Appel, Forreston.	Difference----	(2-4-2)	-59	+.1	+3

AMERICAN DAIRY CATTLE CLUB SIRES

ADA SAMMY TORMENTOR PRINCE 646
(This sire is also a registered Jersey "Ada Sammy Tormentor Prince 454820." Proved Sire data included in Jersey listing.)

CESOR BON-TON'S KING 232
(This sire is also a registered Guernsey "Cesor Bon-Ton's King 270999." Proved Sire data included in Guernsey listing.)

ESSEX KORNDYKE STAR 1198
(This sire is also a registered Holstein "Essex Korndyke Star 754987." Proved Sire data included in Holstein listing.)

F. D. GAME TORMENTOR 1080
(This sire is also a registered Jersey "F. D. Game Tormentor 440997." Proved Sire data included in Jersey listing.)

LIBERTY HILL CARNATION PROGRESSOR 973
(This sire is also a registered Holstein "Liberty Hill Carnation Progressor 862829." Proved Sire data included in Holstein listing.)

MONIE'S MAESTRO OF ELMWOOD 345
(This sire is also a registered Guernsey "Monie's Maestro of Elmwood 298570." Proved Sire data included in Guernsey listing.)

MORAG SIR HEILO 701
(This sire is also a registered Holstein "Morag Sir Heilo 826428." Proved Sire data included in Holstein listing.)

RALEIGH FOX VOL. BARONET 883
(This sire is also a registered Jersey "Raleigh Fox Vol. Baronet 454049." Proved Sire data included in Jersey listing.)

VOLUNTEER KILLINGLY TORONO 877
(This sire is also a registered Jersey "Volunteer Killingly Torono 397891." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement Association Letter Vol. 26, No. 1

January 1950

MORE LACTATION RECORDS REPORTED DURING 1949 THAN EVER BEFORE

Association supervisors during 1949 reported approximately 1,500 305-day lactation records (BDI-718's) daily, or a total of 374,456 records, for use in proving sires in dairy-herd-improvement association herds. This number represents approximately 40 percent of the total number of cows on test, the highest percentage of records ever reported. This is also the largest number ever reported for any year. The previous high record year was 1948, when 267,997 records were reported. Supervisors are to be commended for this achievement.

In addition, 16,611 Herd Test records were reported by the American Dairy Cattle Club and the Ayrshire and Brown Swiss Cattle Breeders' Associations for use in proving sires.

The increased percentage of records reported is indicative of the general increase in interest among dairymen in the DHIA Proved-Sire Program. The demand for proved sires and for proved-sire information continues to grow at an increasing rate. If association members and supervisors cooperate in reporting more of the 305-day lactation records available in association herds, more sires can be proved.

Pennsylvania led the States in number of records reported, with a total of 51,091. Wisconsin was second with 48,118, and New York was third with 38,880.

Minnesota led the States in percentage of records reported. Thirteen States reported a total number of production records equal to 50 percent or more of the cows on test. They are:

Minnesota---------74.9	Oregon----------60.4	New Hampshire-----56.2
West Virginia-----72.4	Mississippi------60.3	Iowa----------52.5
Pennsylvania------69.1	Wisconsin--------58.8	Ohio----------51.7
Maine----------64.2	Maryland---------56.5	Connecticut-------51.1
		Kansas----------50.7

The table on page 2 shows the number of records reported by DHIA supervisors and by Breed Associations, by States:

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1948 AND 1949

STATE	1949							1948	
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by -			Records returned 3/	Cows for which production records were reported 2/	
				American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association			
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine	8,617	5,531	64.2	0	138	0	515	5,112	55.0
N. H	6,313	3,546	56.2	0	217	11	209	1,411	25.3
Vt	27,828	13,479	48.4	21	315	77	825	10,389	50.6
Mass	12,977	4,834	37.3	125	698	178	211	3,708	32.5
R. I	1,709	679	39.7	0	149	0	194	3	.3
Conn	12,278	6,277	51.1	0	560	194	375	4,651	41.6
N.Y	101,074	38,880	38.5	1,538	2,127	285	1,465	22,133	25.3
Pa	73,930	51,091	69.1	162	1,282	95	2,805	31,211	43.9
N. J	21,176	5,302	25.0	0	41	89	325	7,010	33.1
Md	17,835	10,077	56.5	213	662	3	394	7,902	49.3
Del	2,059	417	20.3	35	44	0	51	1,212	57.7
Va	34,063	15,679	46.0	0	0	13	655	15,491	48.5
W. Va	5,558	4,024	72.4	0	95	14	128	4,034	66.8
Ky	7,245	3,045	42.0	0	0	56	211	1,658	23.2
N. C	6,226	1,462	23.5	0	217	0	132	707	12.3
S. C	1,603	0	--	0	0	30	0	0	--
Ga	4,213	896	21.3	35	0	0	29	714	17.4
Fla	2,806	410	14.6	0	47	0	51	305	14.2
Ala	0	224	--	0	0	0	17	10	--
Miss	953	575	60.3	0	0	0	41	466	34.0
Tenn	6,610	1,754	26.5	16	0	0	44	1,768	28.3
La	2,133	291	13.6	0	0	0	45	117	5.3
Ark	535	6	1.1	0	0	0	1	0	--
Ohio	22,839	11,801	51.7	8	986	309	847	5,996	24.9
Ind	26,299	8,714	33.1	71	227	207	586	3,544	15.0
Ill	37,205	16,979	45.6	140	170	730	1,387	10,564	30.6
Mich	45,682	17,083	37.4	4	212	330	932	14,323	32.9
Wis	81,783	48,118	58.8	105	326	702	1,517	30,838	38.5
Minn	41,235	30,873	74.9	21	19	132	1,490	20,951	51.0
Iowa	36,037	18,922	52.5	0	145	479	745	17,203	48.8
Mo	16,737	4,587	27.4	0	24	62	220	5,190	36.9
N. Dak	1,244	558	44.9	0	0	0	16	761	74.0
S. Dak	1,298	337	26.0	0	17	20	25	302	19.0
Nebr	4,995	1,691	34.5	17	24	17	41	1,039	23.9
Kans	13,183	6,684	50.7	0	518	62	600	5,929	51.7
Okla	2,615	414	15.8	0	38	0	68	334	11.4
Texas	10,940	1,107	10.1	0	14	3	61	779	6.7
Mont	4,224	331	7.8	0	32	0	8	395	9.2
Idaho	8,808	2,903	33.0	0	37	0	140	1,885	25.4
Wyo	774	20	2.6	0	0	0	2	27	--
Nev	559	157	28.1	0	0	0	4	49	5.6
Utah	9,719	1,060	10.9	0	0	0	117	1,419	14.5
Colo	4,599	1,205	26.2	0	75	68	51	1,248	25.5
N. Mex	1,531	213	13.9	0	0	0	14	329	23.2
Ariz	10,179	978	9.6	0	4	0	45	690	8.7
Wash	28,731	14,334	49.9	0	123	23	678	11,673	42.8
Ore	17,723	10,704	60.4	0	35	36	292	6,613	47.1
Calif	156,986	6,157	3.9	0	245	12	118	5,871	3.8
P. R	0	0	--	0	0	0	0	0	--
Hawaii	373	47	12.6	0	0	0	11	35	--
U. S.	943,939	374,456	39.7	2,511	9,863	4,237	18,739	267,999	30.2

1/ Includes cows enrolled since January 1, 1949.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

4,356 DHIA Sires Proved in 1949

During 1949, proved-sire records were compiled for 4,356 sires used in dairy-herd-improvement-association herds. This is the second largest number of sires proved in any year. In 1948, with a backlog of data to be compiled, 4,887 sires were proved. At the close of 1949, 28,670 DHIA sires had been proved since the Nation-wide sire-proving program began in 1935.

In 1949, Wisconsin led in number of sires proved, with 726; Pennsylvania was second with 723; and New York was third with 596 sires. The following table shows the number of sires proved in 1949, by States:

State	Sires proved Number	State	Sires proved Number
Alabama	2*	New Hampshire	73*
Arizona	20*	New Jersey	113*
California	89*	New Mexico	5*
Colorado	36*	New York	596*
Connecticut	160*	North Carolina	40*
Delaware	20*	North Dakota	5*
Florida	9*	Ohio	210*
Georgia	14*	Oklahoma	3*
Idaho	32*	Oregon	69*
Illinois	335*	Pennsylvania	723*
Indiana	178*	Rhode Island	7*
Iowa	405*	South Carolina	3*
Kansas	124*	South Dakota	19*
Kentucky	36*	Tennessee	21*
Louisiana	3	Texas	10*
Maine	88*	Utah	23*
Maryland	221*	Vermont	184*
Massachusetts	155*	Virginia	171*
Michigan	296*	Washington	131*
Minnesota	294*	West Virginia	77*
Mississippi	2*	Wisconsin	726*
Missouri	96*		
Montana	3		
Nebraska	38*	Total	4,356**

*This number includes 1 or more sires proved with data from some other State as well as from the State indicated.
**Omitting duplication.

DHIA PROVED-SIRE RECORDS TABULATED IN DECEMBER 1949

Following is a list of 307 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in December 1949. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CACAPON CAESAR 12TH 52449----------	10 daughters-	15	7,317	4.2	308
Born, 7-27-35; proved, 12-30-49;----; W. Va.	6 daughters--	8	7,718	4.2	320
Sire, 30751; dam, 119991.	6 dams-------	16	6,864	3.9	269
Herd Owner, Edward Cartwright, Buckhannon.	Difference---	(4-5-5)	+854	+.3	+51
CAROLINA'S BRAE CHAMPION 50610 *7----------	32 daughters-	80	9,291	4.0	373
Born, 12-14-34; proved, 12-14-49; dead; N. C.	30 daughters-	75	9,364	4.0	376
Sire, 41263; dam, 107139.	30 dams------	108	8,964	4.1	365
Herd Owner, Central Experiment Station, Raleigh.	Difference---	(18-15-17)	+400	-.1	+11
LIPPITT DOUGLAS CLOUDS 62234 *11----------	16 daughters-	31	9,262	3.9	362
Born, 8-21-39; proved, 12-13-49;----; Pa.	15 daughters-	30	9,318	3.9	362
Sire, 47977; dam, 109500.	15 dams------	55	9,309	3.7	341
Herd Owner, Spice Ayr Farm, Gettysburg.	Difference---	(9-12-9)	+9	+.2	+21
PENN SPRING SIR ROBERT 74654----------	5 daughters--	5	9,521	3.9	367
Born, 6-29-43; proved. 12-30-49;----; Md.	5 dams-------	16	7,610	3.9	295
Sire, 48728; dam, 201245.	Difference---	(5-3-5)	+1,911	.0	+72
Herd Owner, Rosardan Farms, Sparks.					
STONE HOUSE LIFE SAVER 64571 *11----------	22 daughters-	60	7,891	4.1	321
Born, 9-7-39; proved, 12-13-49;----; Md.	20 daughters-	52	8,005	4.1	325
Sire, 53341; dam, 172592.	20 dams------	80	8,615	4.0	349
Herd Owner, Gilbert J. Perry, Baltimore.	Difference---	(11-12-8)	-610	+.1	-24
WHITPAIN MASTERPIECE 58054----------	16 daughters-	48	8,102	4.0	327
Born, 12-29-37; proved, 12-14-49;----; Pa.	7 daughters--	20	7,023	3.9	275
Sire, 44209; dam, 130639.	7 dams-------	28	8,868	3.8	337
Herd Owner, Joseph Ackerman & Son, Pen Argyl.	Difference---	(1-4-2)	-1,845	+.1	-62
WOODCHUCK ADVANCER 70110----------	14 daughters-	20	9,193	4.0	368
Born, 3-13-42; proved, 12-20-49; dead; N. Y.	14 dams------	83	10,054	3.9	395
Sire, 35622; dam, 202886.	Difference---	(4-11-6)	-861	+.1	-27
Herd Owner, Woodchuck Hill Farm, Amenia.					

BROWN SWISS SIRES

BROWNDALE WONDER 60847----------	6 daughters--	9	10,124	4.0	401
Born, 11-9-42; proved, 12-30-49;----; Wis.	5 daughters--	8	10,114	4.0	403
Sire, 50014; dam, 60832.	5 dams-------	12	10,735	4.0	427
Herd Owner, Harvey V. Leach, Elkhorn.	Difference---	(2-3-2)	-621	.0	-24
JANE'S DOUBLE CHANCE 53912----------	9 daughters--	9	10,859	4.1	449
Born, 10-7-41; proved, 12-30-49;----; Minn.	8 daughters--	8	10,714	4.2	445
Sire, 43716; dam, 67806.	8 dams-------	11	9,606	3.9	376
Herd Owner, Bernard Barthel, Albertville.	Difference---	(6-6-7)	+1,108	+.3	+69
JEANNIE'S ROYAL OF TRAIL'S END 60474----------	9 daughters--	10	12,658	3.8	479
Born, 2-25-42; proved, 12-30-49;----; Ill.	8 daughters--	9	12,233	3.8	465
Sire, 40405; dam, 85238.	8 dams-------	20	9,872	4.0	391
Herd Owner, William & Olivia S. Roos, Oregon.	Difference---	(5-3-6)	+2,361	-.2	+74
ROYAL MACARTHUR OF LEE'S HILL 59815----------	8 daughters--	9	12,259	4.0	489
Born, 4-22-43; proved, 12-16-49;----; Oreg.	7 daughters--	8	12,304	4.0	493
Sire, 28594; dam, 66538.	7 dams-------	26	12,868	3.8	490
Herd Owner, Albert Meier & Son, Beaverton.	Difference---	(3-6-4)	-564	+.2	+3
ROYAL V. B. 5TH 54602----------	5 daughters--	7	9,452	3.9	369
Born, 8-20-41; proved, 12-30-49;----; Wis.	5 dams-------	25	9,669	4.1	394
Sire, 47090; dam, 49854.	Difference---	(2-2-2)	-217	-.2	-25
Herd Owner, Alfred John Meier, Monroe.					
SARAH JANE'S BETTY BOBBY 57873----------	7 daughters--	7	9,497	3.7	355
Born, 1-3-43; proved, 12-30-49;----; Ohio.	6 daughters--	6	9,418	3.7	351
Sire, 37042; dam, 20242.	6 dams-------	6	8,855	3.9	341
Herd Owner, Clarence Motts, Homeworth.	Difference---	(5-4-4)	+563	-.2	+10

BROWN SWISS SIRES	[illegible]	Records averaged	Milk	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	Percent	[illegible]
STORCK'S PRINCE [illegible]	10 daughters-	10	[illegible]	3.8	280
Born, 9-8-42; proved, 12-30-49;----; Iowa.	6 daughters--	[illegible]	7,088	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	[illegible]	6	5,887	3.5	[illegible]
Herd Owner, M. E. Davis, Rolfe.	Difference---	(5-6-6)	+1,201	[illegible]	[illegible]

GUERNSEY SIRES

ARGILLA PATRIOT 281407----------	14 daughters-	20	8,998	4.3	388
Born, 8-15-39; proved, 12-30-49;----; Oreg.	8 daughters--	10	9,156	4.1	379
Sire, 208980; dam, 477660.	8 dams-------	16	7,278	4.8	[illegible]
Used in Yamhill Co. A. B. A.	Difference---	(6-1-5)	+1,878	-.7	+27
ARIEL'S ROYAL 236221----------	9 daughters--	14	8,695	4.5	392
Born, 9-11-35; proved, 12-30-49;----; Ind.	6 daughters--	10	8,020	4.5	363
Sire, 206530; dam, 314788.	6 dams-------	20	7,778	4.7	368
Herd Owner, Russell B. & Roy Wilson, Bargersville.	Difference---	(3-2-3)	+242	-.2	-5
BABBLING BROOK'S TROOPER 293289----------	5 daughters--	6	7,131	4.5	322
Born, 5-21-40; proved, 12-30-49;----; Va.	5 dams-------	31	7,140	4.6	326
Sire, 244561; dam, 410615.	Difference---	(3-1-3)	-9	-.1	-4
Herd Owner, R. F. Saunders & Sons, Mattoax.					
BEAU BRUMMEL'S MAJESTY 274187 *12----------	28 daughters-	53	7,252	4.7	344
Born, 2-8-39; proved, 12-23-49;----; Wis.	25 daughters-	46	7,106	4.7	336
Sire, 249620; dam, 367156.	25 dams------	103	6,749	5.0	335
Herd Owner, Otis I. Berge & Son, Valders.	Difference---	(15-11-14)	+357	-.3	+1
BOULDER RIDGE TRIUMPH 280414 *12----------	16 daughters-	36	5,499	4.6	252
Born, 3-1-38; proved, 12-30-49;----; Iowa.	9 daughters--	17	5,164	4.7	242
Sire, 216732; dam, 371614.	9 dams-------	24	5,954	5.1	302
Herd Owner, Oscar Horvei, Lake Mills.	Difference---	(2-1-2)	-790	-.4	-60
BOURNEDALE DANNY BOY 335475 *13----------	9 daughters--	13	8,168	5.5	449
Born, 1-21-43; proved, 12-30-49;----; Va.	9 dams-------	30	6,945	5.3	368
Sire, 263010; dam, 518651.	Difference---	(7-7-7)	+1,223	+.2	+81
Herd Owner, T. R. Hamilton, Burkeville.					
BRAVE OF ENTERPRISE 286924----------	11 daughters-	25	6,632	4.9	326
Born, 12-14-39; proved, 12-30-49;----; Va.	5 daughters--	9	6,775	5.1	345
Sire, 243139; dam, 572964.	5 dams-------	10	7,492	4.4	332
Herd Owner, R. E. Shands, Chester.	Difference---	(2-5-2)	-717	+.7	+13
BUDDY OF LOOK SEE 342346----------	6 daughters--	6	9,541	5.0	479
Born, 3-2-42; proved, 12-30-49;----; Wash.	6 dams-------	20	10,343	4.7	486
Sire, 273439; dam, 444859.	Difference---	(1-5-3)	-802	+.3	-7
Herd Owner, Harold S. Knapp, Port Ludlow.					
BUTTERFAT FASHION KING 228302----------	7 daughters--	13	8,222	4.8	394
Born, 5-5-35; proved, 12-30-49;----; Wis.	6 daughters--	10	8,073	4.8	388
Sire, 138488; dam, 295213.	6 dams-------	15	7,676	4.8	369
Herd Owner, Davidson Farms, Waukesha.	Difference---	(4-5-3)	+397	.0	+19
CALDER FARM ALERT 300407 *13----------	11 daughters-	31	8,592	4.6	391
Born, 7-30-40; proved, 12-30-49;----; Md.	8 daughters--	22	8,076	4.6	371
Sire, 238026; dam, 522260.	8 dams-------	18	6,536	4.7	309
Herd Owner, John H. Hull, Westminster.	Difference---	(7-4-7)	+1,540	-.1	+62
CAMEO ILLUSTRATOR'S MASHER 340298----------	12 daughters-	13	9,690	4.8	462
Born, 12-23-42; proved, 12-30-49;----; Calif.	5 daughters--	5	10,010	4.6	458
Sire, 287074; dam, 630373.	5 dams-------	10	10,733	5.0	535
Herd Owner, Martin Shafer, Fowler.	Difference---	(2-1-1)	-723	-.4	-77
CAMMIE'S LEADER OF BEAVER DAM 312543----------	9 daughters--	13	8,764	4.6	399
Born, 9-2-41; proved, 12-30-49;----; Va.	8 daughters--	11	8,943	4.6	408
Sire, 228375; dam, 485482.	8 dams-------	19	7,998	4.5	364
Herd Owner, N. L. Brown, Natural Bridge.	Difference---	(5-5-5)	+945	+.1	+44
CAUMSETT LEGEND 243551----------	8 daughters--	9	9,275	4.8	449
Born, 9-1-36; proved, 12-30-49;----; Ohio.	5 daughters--	6	9,682	4.8	462
Sire, 146509; dam, 380527.	5 dams-------	10	8,097	4.6	376
Herd Owner, Harley A. Baxter, Convoy.	Difference---	(4-4-4)	+1,585	+.2	+86
CESOR GENERAL'S SUPREME 275237 *13----------	25 daughters-	38	7,990	4.8	381
Born, 7-12-38; proved, 12-30-49; dead; Mich.	22 daughters-	35	8,173	4.8	389
Sire, 208540; dam, 319234.	22 dams------	45	8,473	4.9	414
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(9-10-7)	-300	-.1	-25
CHARLESCOTE DANCER 280611 *12----------	27 daughters-	48	7,864	4.6	359
Born, 7-15-39; proved, 12-30-49; dead; Vt.	21 daughters-	38	7,620	4.6	353
Sire, 208514; dam, 504744.	21 dams------	63	8,165	4.3	352
Herd Owner, Ethan Allen Farm, Burlington.	Difference---	(7-18-11)	-545	+.3	+1

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CHEDCO MUNROE 254884----------	11 daughters-	14	8,801	4.6	404
Born, 12-1-37; proved, 12-30-49;----; Mass.	7 daughters--	10	9,092	4.6	415
Sire, 211731; dam, 393802.	7 dams-------	22	8,519	4.4	371
Herd Owner, Moose Hill Farm, Sharon.	Difference---	(5-5-6)	+573	+.2	+44
CHICONA COLMAR 316706 *13----------	18 daughters-	24	8,520	5.1	438
Born, 11-22-41; proved, 12-30-49; dead; Wash.	16 daughters-	21	8,534	5.1	438
Sire, 231075; dam, 477064.	16 dams------	73	7,855	4.8	376
Herd Owner, Scudder Ranch, Yakima.	Difference---	(11-12-14)	+679	+.3	+62
CHICONA LATIFE 343736----------	6 daughters--	6	6,933	4.9	343
Born, 8-2-43; proved, 12-30-49;----; Wash.	5 daughters--	5	6,936	5.0	346
Sire, 309254; dam, 573302.	5 dams-------	15	7,686	4.9	380
Used in Evergreen A. B. A.	Difference---	(0-3-1)	-750	+.1	-34
CHICONA POWER 287147----------	8 daughters--	8	6,140	4.9	302
Born, 2-14-39; proved, 12-30-49;----; Oreg.	5 daughters--	5	6,494	4.9	319
Sire, 260758; dam, 485548.	5 dams-------	6	5,756	5.2	301
Herd Owner, Theodore Estoos, Brownsmead.	Difference---	(3-1-3)	+738	-.3	+18
CHICONA PRESTER JOHN 314218 *13----------	12 daughters-	13	9,366	4.8	454
Born, 3-6-41; proved, 12-13-49; dead; Wash.	12 dams------	46	8,890	4.8	427
Sire, 218521; dam, 504790.	Difference---	(7-8-10)	+476	.0	+27
Herd Owner, C. C. Kendall, Sequim.					
CHIEF OF BARRINGTON COURT 281363----------	5 daughters--	5	7,533	4.6	349
Born, 8-8-39; proved, 12-30-49;----; Ill.	5 dams-------	11	7,763	4.8	373
Sire, 236109; dam, 379536.	Difference---	(3-3-2)	-230	-.2	-24
Herd Owner, Fred W. Kramer, Barrington.					
CLARA'S HEARTSEASE BUTTERFAT 226497----------	10 daughters-	11	8,806	4.9	433
Born, 3-16-35; proved, 12-23-49; dead; N. J.	5 daughters--	6	8,388	4.9	414
Sire, 148228; dam, 160767.	5 dams-------	10	7,790	4.6	356
Used in Cooperative A. B. A. #1, Inc.	Difference---	(2-4-4)	+598	+.3	+58
CLAYBROOK LORD BOBBY 302784----------	5 daughters--	5	6,172	4.9	305
Born, 6-20-40; proved, 12-30-49;----; N. Y.	5 dams-------	15	6,466	5.2	338
Sire, 267601; dam, 595849.	Difference---	(3-1-2)	-294	-.3	-33
Herd Owner, G. W. Brees & C. L. Perrin, De Kalb Junction.					
CLERMONT DICTA'S KING 338467----------	5 daughters--	6	10,606	5.0	527
Born, 3-17-43; proved, 12-30-49;----; Iowa.	5 dams-------	8	7,966	5.1	404
Sire, 284597; dam, 716266.	Difference---	(5-1-5)	+2,640	-.1	+123
Used in Northwest Minnesota A. B. A., Minn.					
EDINHAM'S CHARTER 272585----------	10 daughters-	20	8,069	5.5	447
Born, 11-9-38; proved, 12-30-49;----; Ohio.	10 dams------	43	9,429	4.7	439
Sire, 204111; dam, 463752.	Difference---	(1-10-5)	-1,360	+.8	+8
Herd Owner, Paul A. Warrington, Salem.					
ELMWOOD FARMS MAJOR'S MASTER 280604 *12----------	20 daughters-	49	7,276	5.2	375
Born, 8-24-39; proved, 12-30-49; dead; N. Y.	18 daughters-	41	7,196	5.1	370
Sire, 214348; dam, 427826.	18 dams------	95	7,268	5.3	383
Herd Owner, Clayton G. White, Stow.	Difference---	(10-7-7)	-72	-.2	-13
FAIR OAKS REX'S AL 357401----------	5 daughters--	6	8,551	4.8	415
Born, 10-24-42; proved, 12-30-49;----; Wis.	5 dams-------	10	8,088	5.2	419
Sire, 306528; dam, 573929.	Difference---	(3-2-3)	+463	-.4	-4
Herd Owner, Armand P. Rather, Malone.					
FERN'S PRINCE OF BLUE RIDGE 341637----------	5 daughters--	7	7,172	4.5	320
Born, 5-18-43; proved, 12-30-49;----; Pa.	5 dams-------	23	8,428	4.7	395
Sire, 303747; dam, 750351.	Difference---	(1-2-1)	-1,256	-.2	-75
Herd Owner, Ben H. Welty, Waynesboro.					
FLYING HILL MASTERFUL 281591----------	8 daughters--	17	7,011	5.0	354
Born, 5-25-39; proved, 12-30-49;----; Pa.	7 daughters--	14	6,920	5.0	349
Sire, 246025; dam, 500729.	7 dams-------	19	6,329	5.0	317
Herd Owner, Paul R. Anthony, Strausstown.	Difference---	(6-4-6)	+591	.0	+32
FLYING HILL ROYAL TOKEN 273857----------	9 daughters--	13	7,821	4.7	368
Born, 12-27-38; proved, 12-14-49;----; Pa.	5 daughters--	6	7,416	4.8	357
Sire, 223074; dam, 297452.	5 dams-------	20	8,342	4.8	398
Herd Owner, John B. Grubb, Bechtelsville.	Difference---	(1-2-1)	-926	.0	-41
FOREMOST OLINDA'S NONPAREIL 303517 *13----------	11 daughters-	18	8,525	5.0	428
Born, 12-23-40; proved, 12-30-49;----; Iowa.	8 daughters--	15	8,445	5.2	438
Sire, 245195; dam, 561810.	8 dams-------	14	8,111	4.7	385
Herd Owner, William J. Baker & Son, Mt. Pleasant.	Difference---	(4-7-7)	+334	+.5	+53
FOXBURG'S NEATER'S ROCK OAK 213719----------	11 daughters-	12	7,550	5.1	384
Born, 8-25-33; proved, 12-20-49;----; Pa.	5 daughters--	6	8,006	5.0	401
Sire, 144863; dam, 184820.	5 dams-------	5	7,969	4.9	389
Herd Owner, Welbec Farms, Wyalusing.	Difference---	(3-3-3)	+37	+.1	+12

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	[illegible]
	Number	Number	Pounds	Percent	Pounds
FOX DEAN'S HIGHTIME 256955----------	6 daughters--	10	7,8[illegible]	4.6	[illegible]
Born, 2-16-38; proved, 12-30-49;----; Va.	5 daughters--	9	7,688	4.6	[illegible]
Sire, 193735; dam, 308385.	5 dams-------	16	7,051	4.5	[illegible]
Herd Owner, Winterham Farms, Amelia.	Difference---	(2-2-3)	+637	+.1	+31
GLENWATER BUTTERMAKER 311803----------	10 daughters-	15	7,940	4.8	[illegible]
Born, 1-26-41; proved, 12-30-49;----; Minn.	6 daughters--	9	8,043	4.9	[illegible]
Sire, 274911; dam, 570512.	6 dams-------	12	7,897	4.8	375
Herd Owner, C. E. Swenson & Sons, Chisago City.	Difference---	(2-4-2)	+146	+.1	+20
GOODLEIGH EOLUS DICTATOR 258773----------	12 daughters-	15	6,493	5.1	333
Born, 12-22-37; proved, 12-30-49;----; Pa.	8 daughters--	10	6,021	5.2	316
Sire, 236587; dam, 417636.	8 dams-------	47	7,461	4.9	368
Herd Owner, Clarence B. Allshouse, Tunkhannock.	Difference---	(1-7-2)	-1,440	+.3	-52
GREEN MEADS MISCHIEF 219337----------	8 daughters--	11	8,594	4.6	399
Born, 4-19-33; proved, 12-16-49;----; Conn.	6 daughters--	9	8,606	4.6	393
Sire, 196128; dam, 349033.	6 dams-------	23	8,477	4.5	383
Herd Owner, Barbian Farm, Bethlehem.	Difference---	(4-4-4)	+129	+.1	+10
GREEN MEADS ROYALIST 246890----------	8 daughters--	12	6,108	5.1	309
Born, 3-28-34; proved, 12-30-49;----; Mass.	5 daughters--	8	5,549	4.9	273
Sire, 196128; dam, 321873.	5 dams-------	11	7,463	4.6	340
Herd Owner, Leonard C. Fisher, Norwood.	Difference---	(0-3-1)	-1,914	+.3	-67
GWENWILMAR DUKE'S DAN 295925----------	7 daughters--	14	7,543	4.6	349
Born, 9-4-40; proved, 12-30-49;----; Pa.	5 daughters--	9	7,506	4.5	335
Sire, 231670; dam, 322047.	5 dams-------	16	7,857	5.1	397
Herd Owner, John S. & William A. Stoneman, Belle Vernon.	Difference---	(1-1-0)	-351	-.6	-62
GWYNLLAN JUNIOR 330720 *13----------	17 daughters-	24	8,697	5.0	432
Born, 3-5-42; proved, 12-30-49;----; Pa.	16 daughters-	23	8,718	4.9	431
Sire, 225135; dam, 468451.	16 dams------	57	8,278	4.7	391
Herd Owner, Silver Lake Farm, Norristown.	Difference---	(9-14-9)	+440	+.2	+40
HAYFIELD'S STREAMLINER 310692 *13----------	13 daughters-	24	8,122	4.8	393
Born, 9-1-41; proved, 12-30-49;----; N. Y.	13 dams------	50	7,441	4.9	367
Sire, 214348; dam, 373236.	Difference---	(9-6-9)	+681	-.1	+26
Used in Indiana A. B. A., Ind.					
HER-MIL'S PAL 308544 *12----------	14 daughters-	21	7,744	5.0	385
Born, 1-4-41; proved, 12-30-49; dead; Mich.	11 daughters-	17	7,927	5.0	396
Sire, 209379; dam, 660207.	11 dams------	35	6,958	5.3	369
Herd Owner, Harry Baumunk & Son, Big Rapids.	Difference---	(8-2-7)	+969	-.3	+27
HEWESHURST PRINCE STAR 311026----------	6 daughters--	9	6,817	4.9	337
Born, 2-20-41; proved, 12-30-49;----; N. Y.	5 daughters--	8	6,588	4.9	325
Sire, 212017; dam, 375357.	5 dams-------	17	8,064	4.7	375
Herd Owner, Casper Bellows, Margaretville.	Difference---	(1-4-1)	-1,476	+.2	-50
KLONDIKE KNUTE 246188----------	10 daughters-	13	7,631	4.6	349
Born, 3-1-37; proved, 12-30-49;----; N. C.	6 daughters--	7	7,559	4.5	343
Sire, 193529; dam, 371263.	6 dams-------	10	7,432	4.4	327
Herd Owner, Kildaire Farms, Cary.	Difference---	(5-5-5)	+136	+.1	+16
LANGWATER LOOKWELL 280450 *13----------	16 daughters-	20	8,697	4.6	403
Born, 8-21-39; proved, 12-30-49;----; Ind.	14 daughters-	16	8,802	4.7	412
Sire, 252897; dam, 575500.	14 dams------	32	8,776	4.6	406
Herd Owner, Russell J. Wenger, Goshen.	Difference---	(8-7-7)	+26	+.1	+6
LANGWATER MIDNIGHT 228886----------	22 daughters-	38	8,589	4.6	396
Born, 12-22-34; proved, 12-30-49;----; Pa.	8 daughters--	12	8,478	4.7	402
Sire, 160256; dam, 194815.	8 dams-------	18	8,825	4.5	399
Herd Owner, Philip J. Baur, Spring House.	Difference---	(5-6-5)	-347	+.2	+3
LAWRENCE OF ROSEDALE 275425 *12----------	22 daughters-	39	8,100	4.9	394
Born, 8-5-38; proved, 12-30-49; dead; Iowa.	19 daughters-	35	8,228	4.9	401
Sire, 234722; dam, 508392.	19 dams------	66	8,774	4.8	421
Herd Owner, C. G. Hakeman, Sanborn.	Difference---	(7-10-10)	-546	+.1	-20
LEEDA'S BLONDY OF HAZEN 282010 *12----------	40 daughters-	84	7,040	5.1	362
Born, 12-28-39; proved, 12-13-49;----; Pa.	39 daughters-	81	7,010	5.2	361
Sire, 246173; dam, 192304.	39 dams------	225	7,508	4.8	360
Herd Owner, S. V. McKee, Westover.	Difference---	(15-34-20)	-498	+.4	+1
LINWOOD OAKS COMMONER 242533----------	5 daughters--	7	8,377	4.7	394
Born, 5-29-36; proved, 12-30-49;----; Maine.	5 dams-------	12	8,167	5.1	416
Sire, 208805; dam, 311333.	Difference---	(3-1-2)	+210	-.4	-22
Herd Owner, Hidden Acres, Farmington.					
LONGWOOD JUROR 235088----------	8 daughters--	13	7,230	5.3	383
Born, 8-10-35; proved, 12-30-49;----; Pa.	5 daughters--	8	7,067	5.3	377
Sire, 199105; dam, 258524.	5 dams-------	28	7,951	4.5	360
Herd Owner, Thomas Sloan, Oxford.	Difference---	(1-4-3)	-884	+.8	+17

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MASSAPOAG ROYAL 299206 *12----------	38 daughters-	59	6,593	5.0	327
Born, 10-12-39; proved, 12-20-49; dead; Maine.	28 daughters-	46	6,686	5.0	335
Sire, 230199; dam, 4256[illegible].	28 dams------	70	6,712	5.2	346
Used in Maine Co-op. A. B. A.	Difference---	(12-9-12)	-26	-.2	-11
MCDONALD FARMS GILTEDGE 311572----------	5 daughters--	7	8,721	4.7	412
Born, 3-19-41; proved, 12-30-49;----; Ind.	5 dams-------	9	6,448	5.3	342
Sire, 212227; dam, 611836.	Difference---	(5-1-3)	+2,273	-.6	+70
Herd Owner, Dr. F. A. Hall & C. Fitch, Corunna.					
MCDONALD FARMS HUBERT 332292----------	7 daughters--	7	7,048	5.0	354
Born, 12-6-42; proved, 11-22-49;----; Maine.	6 daughters--	6	6,925	5.1	353
Sire, 293920; dam, 714043.	6 dams-------	6	6,782	4.8	324
Herd Owner, Woolworth Farms, Winthrop.	Difference---	(2-4-4)	+143	+.3	+29
MCDONALD'S FOREMOST PREDICTION 336450----------	15 daughters-	22	6,004	5.2	314
Born, 11-19-42; proved, 12-14-49; alive; Minn.	8 daughters--	12	6,021	5.3	318
Sire, 212227; dam, 385319.	8 dams-------	14	6,580	4.7	312
Herd Owner, Chester W. Johnson, Excelsior.	Difference---	(3-8-4)	-559	+.6	+6
MOBIE DICK OF BELLEVUE 272367 *12----------	14 daughters-	20	6,497	5.2	340
Born, 12-12-38; proved, 12-30-49; dead; Va.	12 daughters-	17	6,484	5.3	342
Sire, 233576; dam, 484658.	12 dams------	36	6,701	4.7	317
Herd Owner, W. B. Wilson, Churchville.	Difference---	(4-11-9)	-217	+.6	+25
MONARCH'S PRINCE REX 280797 *13----------	21 daughters-	33	7,644	4.8	368
Born, 9-14-39; proved, 12-30-49;----; Wis.	10 daughters-	16	7,767	4.8	369
Sire, 215580; dam, 380211.	10 dams------	22	7,859	4.6	359
Herd Owner, Leslie R. Wunsch, Sheboygan.	Difference---	(6-7-7)	-92	+.2	+10
MONTAUCON KENILWORTH 312634----------	13 daughters-	23	8,846	4.5	397
Born, 10-20-41; proved, 12-30-49;----; Md.	8 daughters--	13	9,393	4.4	409
Sire, 267715; dam, 416889.	8 dams-------	13	9,543	4.1	390
Herd Owner, Nottingham Farm, Raspeburg.	Difference---	(4-5-5)	-150	+.3	+19
NOBLE GRAND OF VERSAILLES 216076----------	6 daughters--	7	7,033	5.1	356
Born, 8-30-33; proved, 12-30-49;----; Ohio.	5 daughters--	6	7,148	5.1	367
Sire, 134687; dam, 231086.	5 dams-------	14	5,790	5.3	308
Herd Owner, W. D. Briggs & Sons, Wadsworth.	Difference---	(5-2-5)	+1,358	-.2	+59
PRINCE CHARMING OF SUNNY LANE 303501 *13----------	19 daughters-	25	6,786	5.0	339
Born, 5-24-41; proved, 12-23-49; dead; Mich.	10 daughters-	15	6,868	4.9	339
Sire, 275624; dam, 471484.	10 dams------	17	6,832	4.5	309
Herd Owner, John A. Appelhof, South Lyons.	Difference---	(7-9-8)	+36	+.4	+30
QUAIL ROOST GOLDEN KING 312310----------	10 daughters-	11	7,886	5.4	424
Born, 5-27-41; proved, 12-30-49;----; N. C.	6 daughters--	7	7,700	5.3	410
Sire, 215828; dam, 248578.	6 dams-------	7	6,759	5.6	380
Herd Owner, Quail Roost Farm, Rougemont.	Difference---	(4-2-4)	+941	-.3	+30
QUAIL ROOST KING DODO 303818----------	12 daughters-	13	7,316	4.8	354
Born, 11-8-40; proved, 12-30-49;----; N. C.	5 daughters--	6	6,950	5.0	345
Sire, 215828; dam, 359991.	5 dams-------	5	7,650	4.7	362
Herd Owner, J. E. Latta, Hillsboro.	Difference---	(2-4-2)	-700	+.3	-17
QUAIL ROOST MAXIM'S MAGICIAN 219842----------	8 daughters--	9	7,783	4.8	372
Born, 3-28-34; proved, 12-30-49;----; S. C.	6 daughters--	6	7,893	4.8	375
Sire, 104016; dam, 200113.	6 dams-------	12	5,283	4.7	249
Herd Owner, W. E. Perry, Orangeburg.	Difference---	(6-4-6)	+2,610	+.1	+126
QUEEN'S LEADER REX 324232 *13----------	11 daughters-	14	7,357	5.0	364
Born, 9-28-41; proved, 12-30-49; dead; Iowa.	10 daughters-	13	7,395	4.9	363
Sire, 284530; dam, 648068.	10 dams------	36	7,070	5.1	358
Herd Owner, James W. Creswell, Grundy Center.	Difference---	(5-3-5)	+325	-.2	+5
RAEMELTON TRIUMPH DEMONSTRATOR 335094----------	5 daughters--	6	8,880	4.6	412
Born, 9-11-42; proved, 12-30-49;----; Ohio.	5 dams-------	19	9,393	5.1	481
Sire, 227565; dam, 667332.	Difference---	(1-1-1)	-513	-.5	-69
Herd Owner, Homer J. Frahm, Celina.					
RIEGELDALE EMORY'S FASHION 310204----------	6 daughters--	6	6,809	4.9	332
Born, 6-26-41; proved, 12-30-49;----; N. C.	5 daughters--	5	7,396	4.9	360
Sire, 254801; dam, 349832.	5 dams-------	9	6,499	4.5	295
Herd Owner, Randolph Shields, Culberson.	Difference---	(3-4-5)	+897	+.4	+65
ROBIN OF PARKER HOMESTEAD 228653----------	8 daughters--	11	7,591	4.6	348
Born, 9-21-34; proved, 12-29-49;----; Maine.	5 daughters--	5	7,091	4.6	328
Sire, 176174; dam, 266068.	5 dams-------	15	6,451	5.1	329
Herd Owner, Max Forbus, Monson.	Difference---	(3-0-3)	+640	-.5	-1
ROBIN RUN'S IDA'S BRIGHT LAD 341581----------	15 daughters-	16	8,329	4.5	377
Born, 12-8-42; proved, 12-30-49;----; Pa.	12 daughters-	13	8,500	4.6	387
Sire, 276667; dam, 305728.	12 dams------	39	7,284	4.7	342
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(9-6-7)	+1,216	-.1	+45

GUERNSEY [illegible]	Animals	Records averaged	Milk	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
ROBIN RUN'S IDA'S JOE LOTTA [illegible] *13---	18 daughters-	40	6,676	[illegible]	[illegible]
Born, 8-9-40; proved, [illegible], ----, Pa.	17 daughters-	39	6,691	5.3	353
Sire, [illegible]; dam, [illegible].	17 dams------	111	[illegible]	[illegible]	[illegible]
Herd Owner, Russell E. Smith, Wycombe.	Difference---	(0-14-1)	[illegible]	+.3	-100
ROSEWALD KARENA'S CHANCELLOR 302692----------	7 daughters--	12	6,9[illegible]7	4.8	[illegible]
Born, 5-29-41; proved, 12-30-49;----; N. H.	5 daughters--	8	6,518	4.8	[illegible]
Sire, 276486; dam, 453452.	5 dams-------	18	7,160	4.9	[illegible]
Herd Owner, Charles Messer & Son, New London.	Difference---	(3-3-1)	-642	-.1	-36
ROWAN FOREMOST OF W. S. R. 233804----------	6 daughters--	6	6,397	4.8	306
Born, 2-16-36; proved, 12-20-49; dead; N. C.	6 dams-------	8	7,637	4.4	[illegible]
Sire, 136541; dam, 340529.	Difference---	(1-6-1)	-1,240	+.4	-32
Herd Owner, Crosby A. Dunn, Charlotte.					
ST. ALBANS VALIANT COUNT 324861 *13----------	9 daughters--	12	8,209	5.1	415
Born, 6-9-42; proved, 12-30-49;----; Ill.	9 dams-------	32	8,286	5.0	414
Sire, 200316; dam, 668854.	Difference---	(5-5-5)	-77	+.1	+1
Used in Southern Illinois A. B. A.					
ST. ALBANS VALIANT STEADFAST 341188----------	5 daughters--	5	5,523	4.6	256
Born, 4-20-43; proved, 12-30-49;----; Mo.	5 dams-------	17	7,037	5.0	355
Sire, 200316; dam, 657273.	Difference---	(2-1-1)	-1,514	-.4	-99
Herd Owner, Albert Schluckebier, Palmyra.					
ST. JAMES PHILOSOPHER'S CARSON 282320----------	10 daughters-	11	8,243	4.7	390
Born, 10-17-39; proved, 12-30-49;----; Ind.	7 daughters--	7	8,042	4.7	381
Sire, 187794; dam, 459840.	7 dams-------	12	9,199	4.7	431
Herd Owner, Clarence H. Matthews, South Bend.	Difference---	(2-5-2)	-1,157	.0	-50
SHERWOOD FOREST MAJESTIC 305138----------	6 daughters--	8	7,749	4.8	373
Born, 4-3-41; proved, 12-30-49;----; Md.	5 daughters--	7	7,683	4.9	373
Sire, 225916; dam, 542290.	5 dams-------	17	7,354	4.4	327
Herd Owner, John F. McFadden, Sykesville.	Difference---	(4-5-4)	+329	+.5	+46
STARR FARM ADVANCER 230814----------	17 daughters-	23	7,523	4.7	351
Born, 3-20-35; proved, 12-30-49;----; Mich.	11 daughters-	12	7,231	4.7	342
Sire, 193043; dam, 383733.	11 dams------	43	8,128	5.0	407
Herd Owner, Floyd Wood & Son, Scottville.	Difference---	(3-1-3)	-897	-.3	-65
SUSAN'S PRINCE OF VANITY 342466----------	6 daughters--	7	10,104	4.8	485
Born, 12-26-42; proved, 12-30-49;----; Wis.	6 dams-------	22	8,106	4.8	386
Sire, 282310; dam, 590004.	Difference---	(5-4-5)	+1,998	.0	+99
Herd Owner, Bliss Farm, Elkhorn.					
TARBELL FARMS PEERLESS VANDAL 249764----------	5 daughters--	10	7,276	5.1	372
Born, 11-27-36; proved, 12-30-49;----; N. Y.	5 dams-------	10	9,591	4.4	424
Sire, 214202; dam, 344076.	Difference---	(0-5-0)	-2,315	+.7	-52
Herd Owner, George Van Kleeck, South Kortright.					
TIANNA'S LEGEND 252688----------	11 daughters-	14	6,812	4.7	322
Born, 7-14-37; proved, 12-30-49;----; Minn.	7 daughters--	10	7,694	4.8	367
Sire, 205523; dam, 260416.	7 dams-------	9	9,533	4.6	436
Herd Owner, Harold Hoffman, Hastings.	Difference---	(1-5-2)	-1,839	+.2	-69
TIANNA'S ULTRA HOLLISTON 228075----------	5 daughters--	15	7,497	5.4	403
Born, 7-19-35; proved, 12-29-49;----; Iowa.	5 dams-------	22	8,872	5.0	441
Sire, 143053; dam, 331567.	Difference---	(1-4-1)	-1,375	+.4	-38
Herd Owner, Harry Reese & Son, Prescott.					
TONY OF BEAVER DAM 280968 *12----------	10 daughters-	22	8,023	4.2	333
Born, 6-30-39; proved, 12-30-49; dead; Va.	9 daughters--	20	7,980	4.2	338
Sire, 210614; dam, 392129.	9 dams-------	43	9,065	4.3	392
Herd Owner, Beaver Dam Dairy, Buchanan.	Difference---	(2-4-3)	-1,085	-.1	-54
TOP OF CLEARVIEW 227846----------	6 daughters--	12	8,260	4.9	407
Born, 1-7-35; proved, 12-30-49;----; Md.	5 daughters--	11	8,525	4.9	418
Sire, 137474; dam, 321359.	5 dams-------	10	7,947	4.5	361
Herd Owner, Voshell Brothers, Preston.	Difference---	(3-5-3)	+578	+.4	+57
VALLEY GROVE'S CORONET BOB 287975 *13----------	29 daughters-	42	7,359	4.6	338
Born, 2-28-40; proved, 12-14-49;----; Mich.	17 daughters-	23	7,209	4.5	326
Sire, 235599; dam, 522676.	17 dams------	28	7,903	4.3	337
Herd Owner, Ervin E. Price, Fremont.	Difference---	(5-13-7)	-694	+.2	-11
VALOR'S ROYAL BLEND 212939----------	19 daughters-	30	8,666	4.5	392
Born, 11-28-32; proved, 12-30-49;----; Mich.	7 daughters--	10	8,489	4.5	386
Sire, 79775; dam, 305759.	7 dams-------	11	8,387	4.8	403
Herd Owner, Bruce L. Beaudette, Birmingham.	Difference---	(4-2-4)	+102	-.3	-17
WANDAMERE PERRYWINKLE'S BELMONT 273915----------	12 daughters-	24	8,959	4.9	437
Born, 1-6-38; proved, 12-20-49;----; Oreg.	5 daughters--	9	10,501	5.0	520
Sire, 231281; dam, 393532.	5 dams-------	11	8,643	5.0	430
Herd Owner, Staehley Brothers, Oregon City.	Difference---	(5-3-5)	+1,858	.0	+90

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WANDAMERE PHYLIP 309648 *13----------	19 daughters-	25	8,765	4.9	431
Born, 7-18-41; proved, 12-14-49;----; Wash.	12 daughters-	17	8,929	4.9	436
Sire, 298155; dam, 367464.	12 dams------	34	8,645	4.8	411
Herd Owner, George M. Dynes, Mt. Vernon.	Difference---	(8-8-7)	+284	+.1	+25
WARRIOR OF SUNNYBROOK 278170 *9----------	18 daughters-	42	8,255	4.5	373
Born, 10-30-38; proved, 12-30-49;----; Iowa.	17 daughters-	39	8,135	4.5	366
Sire, 228398; dam, 344219.	17 dams------	65	8,130	4.4	358
Herd Owner, J. Chris Bodensteiner & Winters, Ossian.	Difference---	(9-11-10)	+5	+.1	+8
WESTERN GLOW MASTERPIECE 289919 ----------	7 daughters--	8	7,279	5.2	376
Born, 6-24-40; proved, 12-30-49:----; Wash.	7 dams-------	23	8,117	4.7	385
Sire, 263731; dam, 316061.	Difference---	(1-6-4)	-838	+.5	-9
Herd Owner, Jess A. Knutzen & Walters, Mt. Vernon.					

HOLSTEIN SIRES

ALCARTRA AMOS 908780----------	11 daughters-	11	10,914	3.6	397
Born, 12-26-43; proved, 12-30-49;----; N. Y.	7 daughters--	7	11,367	3.7	420
Sire, 855248; dam, 1946880.	7 dams-------	13	10,235	3.5	362
Herd Owner, Bowman & Cool, Adams.	Difference---	(6-5-6)	+1,132	+.2	+58
ALJOAN INKA ROAMER 916010----------	5 daughters--	5	11,478	3.7	429
Born, 7-16-44; proved, 12-28-49;----; Ill.	5 dams-------	16	12,288	3.8	464
Sire, 859213; dam, 1984755.	Difference---	(2-3-2)	-810	-.1	-35
Herd Owner, Ray E. Meyer, Roselle.					
BAIRDLEA STANDARD BEAU 861807----------	7 daughters--	7	11,523	3.4	392
Born, 11-14-42; proved, 12-30-49;----; N. Y.	7 dams-------	27	10,830	3.5	374
Sire, 738112; dam, 2131881.	Difference---	(4-2-4)	+693	-.1	+18
Herd Owner, Erik Agren, Oxford.					
BAIRDLEA STANDARD LEED 876867----------	10 daughters-	12	12,668	3.4	435
Born, 3-20-43; proved, 12-30-49;----; N. Y.	9 daughters--	11	12,693	3.4	436
Sire, 738112; dam, 2233140.	9 dams-------	20	12,830	3.2	413
Herd Owner, Benjamin Van Wagner, Sherburne.	Difference---	(5-7-6)	-137	+.2	+23
BAKER FARM MAINSTAY 862013----------	7 daughters--	7	9,795	4.1	399
Born, 9-2-42; proved, 12-30-49;----; Pa.	6 daughters--	6	9,431	4.2	393
Sire, 780041; dam, 2044883.	6 dams-------	20	11,179	3.9	436
Herd Owner, Milton Dana II, Smethport.	Difference---	(1-4-3)	-1,748	+.3	-43
BARRSON DOUBLE INKA 895948----------	5 daughters--	5	9,221	3.6	327
Born, 9-6-43; proved, 12-30-49;----; Ohio.	5 dams-------	10	10,990	3.4	375
Sire, 830634; dam, 2041054.	Difference---	(1-3-1)	-1,769	+.2	-48
Herd Owner, Arthur R. Wadsworth, Malvern.					
BELLE CREST CHIEF KRIEBIE 864281----------	8 daughters--	11	12,960	3.6	466
Born, 10-20-42; proved, 12-30-49;----; Pa.	8 dams-------	21	13,894	3.5	488
Sire, 715922; dam, 1917453.	Difference---	(2-7-3)	-934	+.1	-22
Herd Owner, Joseph W. Hallowell & Son, Ivyland.					
BLENAVON PONTIAC PIETERTJE (TWIN) 884275----------	6 daughters--	6	11,138	3.3	367
Born, 5-1-42; proved, 12-30-49;----; Ill.	5 daughters--	5	11,566	3.3	382
Sire, 788670; dam, 1902719.	5 dams-------	11	10,328	3.5	358
Herd Owner, Robert V. Jones, Elgin.	Difference---	(4-2-5)	+1,238	-.2	+24
BOILING SPRINGS HARTOG MATTY 890419----------	8 daughters--	10	11,400	3.7	424
Born, 7-6-43; proved, 12-20-49;----; Pa.	7 daughters--	9	11,238	3.7	417
Sire, 674456; dam, 1952852.	7 dams-------	25	13,094	3.5	463
Herd Owner, Ivo V. Otto, Carlisle.	Difference---	(1-5-3)	-1,856	+.2	-46
BONHEUR POSCH CHIEFTAIN 863206----------	10 daughters-	12	10,552	3.6	380
Born, 9-1-42; proved, 12-30-49;----; Wis.	8 daughters--	9	10,016	3.6	363
Sire, 120089 CHB; dam, 2335502.	8 dams-------	15	9,069	3.5	317
Herd Owner, Christ A. Mayer, Slinger.	Difference---	(4-6-5)	+947	+.1	+46
BRIDGE VIEW HEILO POSCH 879904----------	14 daughters-	19	10,786	3.5	374
Born, 7-27-42; proved, 12-30-49;----; N. Y.	7 daughters--	9	11,548	3.5	401
Sire, 126755 CHB; dam, 449718 CHB.	7 dams-------	11	9,678	3.3	322
Herd Owner, L. James Bartholomew, Madrid.	Difference---	(5-6-6)	+1,870	+.2	+79
CARLETON ORMSBY JON OAK 933217----------	5 daughters--	5	14,002	3.5	485
Born, 10-18-44; proved, 12-28-49;----; Minn.	5 dams-------	8	12,948	3.3	428
Sire, 796256; dam, 2215574.	Difference---	(3-5-4)	+1,054	+.2	+57
Herd Owner, Raymond Olson, Hutchinson.					
CHERRY RIDGE DICTATOR 907173----------	8 daughters--	8	9,308	3.6	334
Born, 3-26-44; proved, 12-30-49;----; Pa.	5 daughters--	5	8,559	3.6	311
Sire, 830564; dam, 1983810.	5 dams-------	13	11,516	3.6	419
Herd Owner, Jacob Rowe & Son, Honesdale.	Difference---	(0-2-0)	-2,957	.0	-108

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
CHIEFTAIN MERCENA FINDERNE 8[illegible]----------	6 daughters--	6	14,196	3.0	424
Born, 9-[illegible]-43; proved, 12-30-49;----; N. J.	5 daughters--	5	14,183	[illegible]	416
Sire, 74[illegible]; dam, 2050490.	5 dams-------	23	14,297	[illegible]	469
Herd Owner, Ernest B. Van Lieu, Ringoes.	Difference---	(1-1-1)	-114	-.4	-53
CLYDE HILL SNOWFLAKE BESS FOBES 835634----------	6 daughters--	8	11,775	3.8	446
Born, 11-5-41; proved, 12-30-49; alive; Kans.	6 dams-------	14	12,049	3.5	427
Sire, 664525; dam, 1629967.	Difference---	(3-6-4)	-274	+.3	+19
Herd Owner, Osawatomie State Hospital, Osawatomie.					
COLONY VALE SIR HEILO 24TH 876252----------	8 daughters--	8	10,031	[illegible]	347
Born, 12-20-41; proved, 12-30-49;----; Wis.	5 daughters--	5	9,195	3.4	314
Sire, 111449 CHB; dam, 283375 CHB.	5 dams-------	14	11,377	3.7	418
Herd Owner, Dykstra & Leseoleir, Fort Atkinson.	Difference---	(0-2-0)	-2,182	-.[illegible]	-104
COLONY VALE SIR HEILO 53D 932277----------	9 daughters--	10	10,302	3.4	355
Born, 8-20-43; proved, 12-30-49;----; Wash.	6 daughters--	6	11,387	3.5	396
Sire, 111449 CHB; dam, 388388 CHB.	6 dams-------	14	12,827	3.[illegible]	424
Herd Owner, Ernest E. Nolte, Everson.	Difference---	(1-3-1)	-1,440	+.2	-28
COMMANDO ESSEN POSCH 874608----------	9 daughters--	10	10,722	3.6	383
Born, 12-19-42; proved, 12-30-49;----; N. Y.	8 daughters--	9	10,303	3.6	367
Sire, 767230; dam, 1977732.	8 dams-------	23	9,072	3.3	300
Herd Owner, Ronald L. Meade, Oxford.	Difference---	(6-6-6)	+1,231	+.3	+67
COMMONWEALTH AMBASSADOR SHAMROCK 881039----------	5 daughters--	5	12,663	3.7	462
Born, 1-25-43; proved, 12-30-49;----; Ky.	5 dams-------	20	12,823	3.3	423
Sire, 810943; dam, 1918174.	Difference---	(2-5-4)	-160	+.4	+39
Herd Owner, Franklin Wolf, Alexandria.					
COOMER KING PIN 905835----------	6 daughters--	6	15,557	3.4	536
Born, 6-15-43; proved, 12-30-49;----; Ind.	5 daughters--	5	15,274	3.4	523
Sire, 839432; dam, 1615992.	5 dams-------	10	16,083	3.4	553
Herd Owner, Robert Coomer, Fort Wayne.	Difference---	(2-2-2)	-809	.0	-30
CORNELL QUALITY RUBEN 876944----------	8 daughters--	10	11,523	4.0	468
Born, 3-1-43; proved, 12-30-49;----; N. Y.	8 dams-------	27	13,354	3.7	488
Sire, 770386; dam, 2065965.	Difference---	(1-8-3)	-1,831	+.4	-20
Herd Owner, Stanley J. Pulver, Millerton.					
CORNELL SUPREME DUKE 905240----------	6 daughters--	6	11,823	3.5	410
Born, 12-17-43; proved, 12-12-49;----; Mass.	6 dams-------	19	11,769	3.4	406
Sire, 819169; dam, 2174113.	Difference---	(2-5-2)	+54	+.1	+4
Herd Owner, George B. Flint, East Mansfield.					
CORRECTION POSCH PRINCE 892670----------	9 daughters--	11	9,960	3.8	374
Born, 1-11-43; proved, 12-30-49;----; Wis.	7 daughters--	7	9,327	3.8	356
Sire, 740779; dam, 1480041.	7 dams-------	25	11,471	3.7	421
Herd Owner, Milwaukee House of Correction, Milwaukee.	Difference---	(2-4-1)	-2,144	+.1	-65
CREAMELLE MUTUAL VALE 889761----------	6 daughters--	8	9,788	3.4	336
Born, 11-22-42; proved, 12-30-49;----; Wis.	5 daughters--	7	10,096	3.4	344
Sire, 787520; dam, 1954349.	5 dams-------	8	10,396	3.4	351
Herd Owner, William Widmann, Jefferson.	Difference---	(1-4-2)	-300	.0	-7
DE KOL SUPREME IDEAL KAASTRA 922600----------	7 daughters--	7	14,075	3.4	481
Born, 3-19-43; proved, 12-30-49;----; Mich.	5 daughters--	5	14,353	3.4	488
Sire, 770951; dam, 2261913.	5 dams-------	8	15,586	3.1	490
Herd Owner, Henry Oomen, Hart.	Difference---	(1-5-2)	-1,233	+.3	-2
DICMERE BELMONT CREATOR 823741----------	10 daughters-	27	11,635	3.5	411
Born, 7-25-37; proved, 12-30-49;----; Wis.	8 daughters--	20	11,739	3.5	415
Sire, 678994; dam, 1595905.	8 dams-------	20	10,993	3.4	371
Herd Owner, Wisconsin Home & Farm School, Dousman.	Difference---	(6-7-6)	+746	+.1	+44
DOUGVIC SENATOR MONTVIC CHIEFTAIN 7TH 876185----------	6 daughters--	7	10.696	3.9	414
Born, 12-5-42; proved, 12-30-49;----; Ill.	6 dams-------	15	12,011	3.6	430
Sire, 764495; dam, 2392024.	Difference---	(3-5-3)	-1,315	+.3	-16
Herd Owner, George Stryker & Sons, Waterman.					
DUNLOGGIN DEEN VAR 877828----------	9 daughters--	10	12,265	3.4	421
Born, 6-11-43; proved, 12-30-49;----; N. Y.	5 daughters--	5	14,014	3.4	481
Sire, 855938; dam, 1661825.	5 dams-------	18	14,024	3.6	512
Herd Owner, Harden Farms, Camden.	Difference---	(3-1-3)	-10	-.2	-31
DUNLOGGIN DEL VAR 879144----------	6 daughters--	6	11,884	3.6	431
Born, 7-2-43; proved, 12-20-49;----; Wis.	6 dams-------	9	11,773	3.6	427
Sire, 855938; dam, 1808533.	Difference---	(4-4-3)	+111	.0	+4
Herd Owner, Leiteritz Brothers, Cleveland.					
DUNLOGGIN FOND VAR 920148----------	6 daughters--	6	11,792	3.6	421
Born, 4-27-44; proved, 12-30-49;----; Md.	5 daughters--	5	11,877	3.5	417
Sire, 855938; dam, 2057448.	5 dams-------	21	11,589	3.5	407
Herd Owner, Maurice S. Ahalt, Middletown.	Difference---	(3-3-2)	+288	.0	+10

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DUNLOGGIN LOCHINVAR BESSIE 877830----------	6 daughters--	6	10,673	3.6	382
Born, 6-14-43; proved, 12-30-49;----; Ind.	5 daughters--	5	10,187	3.6	371
Sire, 855938; dam, 1908502.	5 dams-------	15	12,244	3.5	433
Used in La Porte Co-op. A. B. A., Inc.	Difference---	(2-4-2)	-2,057	+.1	-62
DUNLOGGIN ROYAL VAR 879146----------	5 daughters--	5	12,560	3.7	470
Born, 7-3-43; proved, 12-30-49;----; Wis.	5 dams-------	10	14,658	3.6	524
Sire, 855938; dam, 1521715.	Difference---	(2-4-2)	-2,098	+.1	-54
Herd Owner, Weix Farm, Sun Prairie.					
DWINMEADE ADVERTISER 903307----------	9 daughters--	10	11,681	3.5	413
Born, 10-29-43; proved, 12-20-49;----; Pa.	6 daughters--	6	10,998	3.6	399
Sire, 801910; dam, 1733940.	6 dams-------	11	10,743	3.5	377
Herd Owner, C. Elwin Baldwin, Canton.	Difference---	(3-4-3)	+255	+.1	+22
FALLKILL ISA SENSATION 901273----------	6 daughters--	7	6,969	4.1	282
Born, 10-18-43; proved, 12-19-49;----; Vt.	5 daughters--	6	6,997	4.0	281
Sire, 866063; dam, 2179162.	5 dams-------	13	7,109	4.2	298
Herd Owner, E. H. Stewart, Shoreham.	Difference---	(2-2-1)	-112	-.2	-17
FARFIELDS CHAMPION 897605----------	8 daughters--	8	13,479	3.7	499
Born, 12-15-43; proved, 12-19-49;----; Mich.	8 dams-------	18	15,349	3.6	552
Sire, 748393; dam, 1939486.	Difference---	(3-6-2)	-1,870	+.1	-53
Herd Owner, Fred W. Tullis, Monroe.					
FARFIELDS SIR PIETERTJE CASCADE 926864 *10----------	13 daughters-	20	10,866	3.5	378
Born, 5-14-39; proved, 12-28-49;----; Mich.	9 daughters--	15	11,194	3.5	390
Sire, 704742; dam, 1834302.	9 dams-------	24	11,474	3.4	393
Herd Owner, Frank Kanitz & Sons, Milan.	Difference---	(4-5-5)	-280	+.1	-3
FARMGROVE BERT WHITIE CORNELL 874908----------	10 daughters-	13	10,102	3.9	393
Born, 3-20-43; proved, 12-30-49;----; N. Y.	6 daughters--	7	10,308	3.9	400
Sire, 821314; dam, 1915852.	6 dams-------	13	8,040	3.4	275
Herd Owner, Arthur C. Leneker, Fort Plain.	Difference---	(6-6-6)	+2,268	+.5	+125
FOBES PIEBE BESSIE JOHANNA 922243----------	6 daughters--	6	14,303	4.0	565
Born, 6-3-43; proved, 12-28-49;----; Mich.	6 dams-------	24	13,614	3.7	497
Sire, 798222; dam, 1771475.	Difference---	(4-5-4)	+689	+.3	+68
Used in Michigan Co-op. A. B. A., Inc.					
GERBEN OLLIE FAYNE 890841----------	10 daughters-	15	12,044	3.7	440
Born, 10-10-40; proved, 12-30-49;----; N. Y.	6 daughters--	10	12,137	3.7	452
Sire, 644883; dam, 1909900.	6 dams-------	12	12,585	3.3	419
Herd Owner, John Wilkes & Son, Cato.	Difference---	(4-6-5)	-448	+.4	+33
GLEN EDEN ETNA RETURN 900917----------	7 daughters--	7	14,014	3.7	517
Born, 8-30-43; proved, 12-15-49;----; Ill.	6 daughters--	6	14,326	3.7	532
Sire, 823307; dam, 2142529.	6 dams-------	8	9,522	3.6	339
Herd Owner, Rudy Durst, Princeville.	Difference---	(6-4-6)	+4,804	+.1	+193
GREENWOOD DEAN HECTOR 862885----------	7 daughters--	8	10,253	3.4	348
Born, 2-26-42; proved, 12-30-49;----; Pa.	5 daughters--	5	10,654	3.4	360
Sire, 769435; dam, 1247192.	5 dams-------	14	11,313	3.6	403
Herd Owner, Thomas Horace Olver, Beachlake.	Difference---	(2-2-1)	-659	-.2	-43
GREENWOOD HOLGER DEAN 861819----------	19 daughters-	26	12,936	3.4	438
Born, 2-24-41; proved, 12-30-49;----; Pa.	18 daughters-	25	12,990	3.4	439
Sire, 769435; dam, 1247192.	18 dams------	53	14,107	3.5	489
Herd Owner, Joseph W. Hallowell & Son, Ivyland.	Difference---	(4-6-2)	-1,117	-.1	-50
HAMER MODEL ORMSBY 884544----------	10 daughters-	14	10,735	3.5	381
Born, 6-23-42; proved, 12-30-49;----; Iowa.	9 daughters--	12	10,806	3.5	383
Sire, 804470; dam, 1669923.	9 dams-------	40	12,542	3.6	449
Used in Eastern Iowa A. B. A., Inc.	Difference---	(3-5-3)	-1,736	-.1	-66
HARSON PRINCE FOBES 893051 *13----------	10 daughters-	13	10,959	3.5	385
Born, 11-22-42; proved, 12-19-49;----; Wis.	8 daughters--	11	11,263	3.5	398
Sire, 761379; dam, 2254716.	8 dams-------	22	10,921	3.4	372
Herd Owner, Harvey B. Gilbertson, Black River Falls.	Difference---	(6-7-6)	+342	+.1	+26
HIGHLOT ORMSBY MECHTHILDE 930349 *13----------	15 daughters-	24	13,008	3.6	467
Born, 12-4-41; proved, 12-28-49;----; Wis.	14 daughters-	23	13,115	3.5	465
Sire, 809067; dam, 2555895.	14 dams------	64	13,874	3.4	478
Herd Owner, William Miller, Watertown.	Difference---	(6-9-8)	-759	+.1	-13
HIGHPATH ILORIN ORMSBY EDE 889843----------	7 daughters--	10	12,241	3.5	429
Born, 6-27-43; proved, 12-19-49;----; Minn.	5 daughters--	7	12,752	3.5	448
Sire, 705140; dam, 2280431.	5 dams-------	6	12,057	3.5	423
Herd Owner, Virgil Olson, Hutchinson.	Difference---	(3-2-3)	+695	.0	+25
HILLSBORO SIR MUTUAL FOBES 861170----------	6 daughters--	10	12,734	3.5	449
Born, 4-23-42; proved, 12-30-49;----; Va.	5 daughters--	9	13,150	3.5	461
Sire, 654594; dam, 1809600.	5 dams-------	19	11,218	3.8	421
Used in Franklin Co. A. B. A., Inc.	Difference---	(3-3-3)	+1,932	-.3	+40

HOLSTEIN SIRES	Animals	Daughters averaged	Milk	Fat	Fat
				Percent	Pounds
H J C RAG APPLE ARTIGIAN [illegible]	10 daughters-	25	[illegible]	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]-49;----, Mich.	9 daughters--	21	12,764	[illegible]	[illegible]
Sire, 775899; dam, 1850754.	9 dams-------	46	12,833	3.4	[illegible]
Herd Owner, Lloyd D. Miller & Sons, Howell.	Difference---	(5-8-8)	-69	+.1	+18
HOMESTEAD TOPSY PATHFINDER [illegible] *(Feb. 1949)	25 daughters-	36	[illegible]	[illegible]	[illegible]
Born, 6-20-41; proved, 12-29-49; dead; Ill.	19 daughters-	27	11,993	[illegible]	[illegible]
Sire, 74[illegible]481; dam, 180992[illegible].	19 dams------	26	14,306	3.6	[illegible]
Herd Owner, Ralph L. Nichols, Hebron.	Difference---	(3-7-2)	[illegible]	-.1	-91
HOPE VIEW FOBES ASPIRANT 10TH 879633	7 daughters--	9	12,503	3.6	451
Born, 5-12-43; proved, 12-30-49;----; Iowa.	7 dams-------	20	12,806	3.6	462
Sire, 811852; dam. 2006954.	Difference---	(3-4-3)	-303	.0	-11
Herd Owner, Ralph J. Mason, Alden.					
HUFF SIR THELMA INKA WAYNE 863103	11 daughters-	11	11,742	4.0	472
Born, 11-10-42; proved, 12-30-49;----; N. Y.	8 daughters--	8	11,094	4.1	449
Sire, 743032; dam, 2068105.	8 dams-------	21	13,127	3.8	502
Herd Owner, Harold J. Shafer, Holcomb.	Difference---	(1-7-1)	-2,033	+.3	-53
INKA ANNORA RETREAT 20164	9 daughters--	12	11,693	3.4	401
Born, 4-17-42; proved, 12-13-49;----; Pa.	9 dams-------	58	12,326	3.5	427
Sire, 751176; dam, 56031.	Difference---	(3-4-3)	-633	-.1	-26
Herd Owner, T. W. McLain & Son, Moscow.					
JUDGE DONSEGTS HURLWOOD ORMSBY [illegible]	7 daughters--	7	14,173	[illegible]	[illegible]
Born, 8-12-42; proved, 12-30-49;----; N. Y.	6 daughters--	6	14,168	3.3	[illegible]
Sire, 719598; dam, 1871803.	6 dams-------	23	11,364	[illegible]	384
Herd Owner, Eric V. Andrews, Poughquag.	Difference---	(6-2-6)	+2,804	-.1	+82
KING BESSIE ORMSBY PLUS PRIDE 758401 *10	25 daughters-	53	12,446	3.2	400
Born, 1-17-38; proved, 12-14-49; dead; Wis.	22 daughters-	48	[illegible]	3.2	403
Sire, 520107; dam, 1787383.	[illegible] dams------	76	12,126	[illegible]	[illegible]
Herd Owner, Carl Taylor, Waukesha.	Difference---	(12-10-11)	[illegible]	.0	+13
KING BESSIE PROGRESSOR 30TH 740571	8 daughters--	14	13,180	3.4	443
Born, 2-24-37; proved, 12-30-49;----; Wis.	6 daughters--	12	12,976	3.4	[illegible]
Sire, 672350; dam, 1525223.	6 dams-------	9	9,865	3.5	[illegible]
Herd Owner, Elias B. Sprecher, Sauk City.	Difference---	(6-2-6)	+3,111	-.1	+94
KING DON FOBES HARTOG 953488	13 daughters-	21	12,021	3.9	470
Born, 4-8-42; proved, 12-13-49;----; Ill.	7 daughters--	13	12,017	3.8	461
Sire, 741985; dam, 2056414.	7 dams-------	16	17,313	3.5	614
Herd Owner, Walter Lauffer, Tinley Park.	Difference---	(0-6-1)	-5,296	+.3	-153
KING SHOMONT ORMSBY DE KOL 892936	6 daughters--	13	17,161	3.1	529
Born, 2-3-42; proved, 12-12-49;----; Iowa.	5 daughters--	11	17,311	3.1	537
Sire, 832046; dam, 2085047.	5 dams-------	8	13,775	3.5	480
Herd Owner, Roy Olson, Sac City.	Difference---	(4-1-4)	+3,536	-.4	+57
KLING COLLEEN SIR ROMEO 863683	10 daughters-	11	14,844	[illegible]	[illegible]
Born, 10-20-42; proved, 12-30-49;----; Calif.	9 daughters--	10	14,801	[illegible]	[illegible]
Sire, 794238; dam, 1894250.	9 dams-------	27	13,944	[illegible]	[illegible]
Herd Owner, Ray S. Hull, Modesto.	Difference---	(6-6-7)	+857	+.1	[illegible]
KNOLLWOOD CHIEF-VAR PREMIER 913986	6 daughters--	6	14,224	[illegible]	[illegible]
Born, 8-9-44; proved, 12-30-49;----; Maine.	5 daughters--	5	14,525	[illegible]	[illegible]
Sire, 871376; dam, 2353145.	5 dams-------	13	11,371	[illegible]	402
Herd Owner, Carl A. Emery, Newport.	Difference---	(4-5-4)	+3,157	+.3	+145
KNOLLWOOD MAE BURKE CHIEFTAIN 877792	6 daughters--	9	9,658	4.1	397
Born, 1-31-43; proved, 12-30-49;----; Pa.	6 dams-------	13	14,124	3.2	456
Sire, 695631; dam, 1833238.	Difference---	(1-6-2)	-4,466	+.9	-59
Herd Owner, John S. Metzker, Martinsburg.					
LAROEDALE STANDARD HARRY 864872	8 daughters--	9	10,685	3.7	393
Born, 12-24-42; proved, 12-30-49;----; N. Y.	5 daughters--	5	10,237	3.8	385
Sire, 738112; dam, 2090279.	5 dams-------	8	10,507	3.3	345
Herd Owner, Harry B. Bliven & Son, Sugar Loaf.	Difference---	(2-5-4)	-270	+.5	+40
LARRIETTA MONTVIC RAG APPLE (TWIN) 880198	10 daughters-	10	11,009	3.6	395
Born, 1-17-43; proved, 12-30-49;----; Md.	8 daughters--	8	10,599	3.7	389
Sire, 778470; dam, 2022664.	8 dams-------	17	10,702	3.5	372
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(4-7-6)	-103	+.2	+17
LEET VEEMAN BURKE PIEBE 875608	6 daughters--	6	10,536	3.4	354
Born, 1-29-43; proved, 12-30-49;----; Pa.	6 dams-------	8	10,727	3.2	342
Sire, 615882; dam, 2072262.	Difference---	(4-5-4)	-191	+.2	+12
Herd Owner, Donald S. Gaunt, Tyler Hill.					
LIEUTENANT INKA HENGERVELD FAYNE (TWIN) 772431 *13	14 daughters-	22	12,395	3.3	403
Born, 12-31-38; proved, 12-19-49; dead; Colo.	13 daughters-	21	12,670	3.2	411
Sire, 644087; dam, 1219909.	13 dams------	56	11,972	3.5	420
Herd Owner, State Industrial School, Golden.	Difference---	(8-3-5)	+698	-.3	-9

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LONE RANCH RAG-HERO CREATOR 862648----------	14 daughters-	17	12,008	3.4	405
Born, 8-25-42; proved, 12-15-49;----; N. Y.	12 daughters-	14	11,954	3.3	400
Sire, 788205; dam, 1560548.	12 dams------	29	13,751	3.3	458
Herd Owner, Warren W. Whitney & Sons, Clymer.	Difference---	(5-9-5)	-1,797	.0	-58
MANCRYCO CHIEFTAIN BONHEUR 885587----------	10 daughters-	12	12,419	3.9	483
Born, 3-26-43; proved, 12-30-49;----; Iowa.	9 daughters--	11	12,624	3.9	495
Sire, 749574; dam, 1930878.	9 dams-------	20	13,557	3.7	497
Herd Owner, Mancryco Farms, Manning.	Difference---	(2-6-4)	-933	+.2	-2
MANFDELL PIETERTJE INKA 897341----------	6 daughters--	7	12,601	3.6	455
Born, 5-14-43; proved, 12-30-49;----; Ohio.	6 dams-------	18	11,794	3.5	407
Sire, 769436; dam, 1857461.	Difference---	(4-6-5)	+807	+.1	+48
Herd Owner, Hawk & D. R. Smalley, Rockford.					
MARLOW KING ORMSBY LYONS 882767----------	5 daughters--	5	10,497	3.5	364
Born, 2-4-43; proved, 12-30-49;----; Minn.	5 dams-------	15	10,094	3.5	352
Sire, 794207; dam, 2206802.	Difference---	(3-2-3)	+403	.0	+12
Herd Owner, C. Elliot Moody, Butterfield.					
MAR-WILL SIR ORMSBY FACTOR 814100----------	21 daughters-	21	12,086	3.4	409
Born, 9-30-40; proved, 12-30-49;----; Iowa.	14 daughters-	14	11,803	3.5	415
Sire, 677720; dam, 1351864.	14 dams------	23	9,794	3.5	341
Herd Owner, H. H. Kerndt & Sons, Lansing.	Difference---	(11-8-11)	+2,009	.0	+74
MAYTAG POSCH ORMSBY FOBES DOUBLE 884661----------	10 daughters-	13	14,546	3.5	505
Born, 11-6-42; proved, 12-30-49;----; Ill.	10 dams------	29	13,620	3.5	473
Sire, 794823; dam, 2034438.	Difference---	(8-6-8)	+926	.0	+32
Herd Owner, John Derrer & Son, Mt. Carroll.					
MCCOL SEGIS ORMSBY FOBES 875929----------	6 daughters--	9	9,636	3.6	351
Born, 11-28-42; proved, 12-30-49;----; N. Y.	6 dams-------	28	10,168	3.6	363
Sire, 680802; dam, 1775379.	Difference---	(4-3-4)	-532	.0	-12
Herd Owner, Al Raish, Delevan.					
MEIERKORD TRIUNE NETHERLAND FOBES 855641 *(July 1949)------	15 daughters-	17	12,530	3.5	433
Born, 5-6-42; proved, 12-14-49;----; Colo.	14 daughters-	16	12,765	3.5	442
Sire, 600230; dam, 1434925.	14 dams------	52	12,913	3.4	444
Herd Owner, Colo. School for Deaf & Blind, Colo. Springs.	Difference---	(8-9-9)	-148	+.1	-2
MERCEDES WAYNE FOBES 874993----------	5 daughters--	10	11,670	3.7	433
Born, 2-6-42; proved, 12-30-49;----; Mich.	5 dams-------	19	10,913	3.6	389
Sire, 766302; dam, 1929091.	Difference---	(5-5-5)	+757	+.1	+44
Herd Owner, Russell Jenkinson, Corunna.					
MILCO STAR COMMANDER 901963----------	6 daughters--	6	8,243	3.5	288
Born, 6-2-43; proved, 12-30-49;----; Wis.	5 daughters--	5	8,362	3.5	289
Sire, 832894; dam, 1942672.	5 dams-------	27	9,914	3.6	357
Herd Owner, Milwaukee County Institutional Farms, Wauwatosa.	Difference---	(0-0-0)	-1,552	-.1	-68
MOOSEHEART EMPEROR NETHERLAND 774112----------	5 daughters--	7	13,489	3.4	454
Born, 9-20-38; proved, 12-30-49;----; Ill.	5 dams-------	7	13,364	3.4	453
Sire, 699449; dam, 1173068.	Difference---	(3-2-3)	+125	.0	+1
Herd Owner, A. L. Goodenough & Dick Volk, Morrison.					
MT HERMON COLANTHA ORMSBY PETER 889174----------	5 daughters--	6	11,589	3.2	376
Born, 3-19-43; proved, 12-23-49;----; Mass.	5 dams-------	17	12,951	3.3	421
Sire, 668281; dam, 1372551.	Difference---	(2-3-2)	-1,362	-.1	-45
Herd Owner, Mt. Hermon School, Mt. Hermon.					
MT HERMON LAD ORMSBY MISCHIEF 907068----------	5 daughters--	5	9,019	3.4	308
Born, 10-4-43; proved, 12-30-49;----; Mass.	5 dams-------	14	12,193	3.4	416
Sire, 772811; dam, 1877210.	Difference---	(1-2-1)	-3,174	.0	-108
Herd Owner, Mt. Hermon School, Mt. Hermon.					
MT PLEASANT SEGIS SILVER BOW 880545----------	5 daughters--	7	14,909	3.6	536
Born, 2-10-43; proved, 12-30-49;----; Iowa.	5 dams-------	12	13,048	3.4	449
Sire, 729187; dam, 1778612.	Difference---	(5-4-5)	+1,861	+.2	+87
Herd Owner, C. W. Haight & K. R. Haight, Winfield.					
NETHERLAND ROSNI ORMSBY 897758----------	9 daughters--	18	13,809	3.4	465
Born, 11-23-40; proved, 12-19-49;----; Va.	5 daughters--	10	14,011	3.3	467
Sire, 744585; dam, 1841512.	5 dams-------	21	14,065	3.5	494
Herd Owner, J. C. Eller, Culpeper.	Difference---	(2-1-2)	-54	-.2	-27
NIEMAN TRITOMIA SENATOR DEAN 902874----------	7 daughters--	7	8,333	3.6	302
Born, 5-1-43; proved, 12-15-49;----; Iowa.	5 daughters--	5	8,326	3.6	300
Sire, 829960; dam, 2275303.	5 dams-------	13	8,956	3.8	343
Herd Owner, Hunt & Friedlein, Clayton.	Difference---	(1-2-2)	-630	-.2	-43
NITTANYVALE KORNDYKE KENNETH 875736----------	5 daughters--	5	13,915	3.4	469
Born, 3-18-43; proved, 12-30-49;----; Pa.	5 dams-------	26	13,870	3.5	488
Sire, 698505; dam, 1985324.	Difference---	(2-2-2)	+45	-.1	-19
Herd Owner, Western Penitentiary, Bellefonte.					

HOLSTEIN SIRES	[illegible]	[illegible] averaged	[illegible]	[illegible]	Fat
	Number	Number	[illegible]	Percent	[illegible]
NORTH STAR COLONEL GEORGE 877781----------	5 daughters--	5	[illegible]	3.6	355
Born, [illegible]; proved, [illegible]-30-49;----; Iowa.	5 dams-------	[illegible]	[illegible]	[illegible]	408
Sire, [illegible]; dam, [illegible].	Difference---	(1-3-1)	-1,873	+.1	-53
Herd Owner, Ottis Taylor, Delta.					
ORCHARD GORE EMPEROR JOE 864827----------	7 daughters--	8	12,203	[illegible]	[illegible]
Born, 10-12-42; proved, 12-30-49;----; N. Y.	6 daughters--	7	11,962	[illegible]	[illegible]
Sire, 141609 CHB; dam, 468030 CHB.	6 dams-------	16	13,825	3.7	505
Herd Owner, David J. Roberts, Sauquoit.	Difference---	(1-2-1)	-1,863	.0	-66
ORMSBY BEETS BURKE SKYLARK 904652 *13----------	14 daughters-	21	10,873	3.3	358
Born, 8-28-42; proved, 12-19-49; dead; Iowa.	9 daughters--	13	10,941	3.3	364
Sire, 825351; dam, 2382361.	9 dams-------	19	10,330	3.6	367
Herd Owner, Hallis Enyart & E. J. Handy, Postville.	Difference---	(6-2-3)	+611	-.3	-3
ORMSBY FOBES MERCEDES CORNUCOPIA 903643 *13----------	12 daughters-	15	14,209	3.3	471
Born, 1-13-42; proved, 12-20-49; dead; N. Y.	12 dams------	36	10,447	3.4	358
Sire, 786828; dam, 2079032.	Difference---	(12-3-12)	+3,762	-.1	+113
Herd Owner, Union Springs Academy, Union Springs.					
ORMSBY JIMMY HARTOG 758302 *9----------	25 daughters-	55	10,891	3.6	391
Born, 2-9-38; proved, 12-30-49; dead; Wis.	24 daughters-	53	10,835	3.6	389
Sire, 711653; dam, 1771707.	24 dams------	101	10,803	3.5	382
Herd Owner, Paul W. Langenfeld, New Holstein.	Difference---	(14-17-13)	+32	+.1	+7
ORMSBY NEPTUNE SUPREME 837720----------	8 daughters--	10	10,907	3.7	408
Born, 11-28-41; proved, 12-30-49; alive; N. Y.	8 dams-------	34	13,520	3.4	461
Sire, 671669; dam, 2085745.	Difference---	(2-8-3)	-2,613	+.3	-53
Herd Owner, Fred & Vernon Long, Akron.					
ORMSBY TRANSMITTER TOP SARGEANT 910630----------	5 daughters--	5	13,987	3.9	551
Born, 3-21-44; proved, 12-30-49;----; Wash.	5 dams-------	11	13,261	3.4	453
Sire, 835595; dam, 2236894.	Difference---	(3-5-5)	+726	+.5	+98
Herd Owner, Treosti's Ville, Carnation.					
OSBORNDALE SIR INKA TOVARICH 865409----------	5 daughters--	5	11,077	3.6	404
Born, 7-26-42; proved, 12-30-49;----; N. Y.	5 dams-------	19	11,612	3.5	405
Sire, 760642; dam, 1980236.	Difference---	(1-4-3)	+535	+.1	-1
Herd Owner, A. Fisher & Sons, Canastota.					
PABST CONFIDENT STAR 831861----------	11 daughters-	12	12,160	3.3	402
Born, 8-16-41; proved, 12-13-49; alive; Minn.	7 daughters--	7	12,295	3.3	410
Sire, 782177; dam, 1943688.	7 dams-------	12	9,856	3.6	354
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(5-1-5)	+2,439	-.3	+56
PEBBLE BEACH CHIEF HOPE 756707 *11----------	32 daughters-	87	12,209	3.8	460
Born, 5-18-37; proved, 12-13-49;----; N. Y.	32 dams------	154	12,753	3.5	452
Sire, 695631; dam, 1585534.	Difference---	(13-27-17)	-544	+.3	+8
Herd Owner, Arthur Bradley, Macedon.					
PEM-FARM DERBY PIEBE NETHERLAND 936931 *13----------	41 daughters-	65	11,750	3.3	[illegible]
Born, 3-7-39; proved, 12-30-49; dead; Va.	19 daughters-	29	11,807	3.4	401
Sire, 709888; dam, 1727089.	19 dams------	28	12,779	3.3	428
Herd Owner, C. W. Smith, Hewlett.	Difference---	(6-12-6)	-972	+.1	[illegible]
PENDER VALLEY PRINCE BLACK SAMBO 878778----------	10 daughters-	15	10,690	3.5	375
Born, 9-30-42; proved, 12-30-49;----; N. Y.	7 daughters--	11	10,958	3.5	384
Sire, 826412; dam, 2240213.	7 dams-------	10	9,967	3.4	344
Herd Owner, Paul Sipos, Oneonta.	Difference---	(5-3-6)	+991	+.1	+40
PIEBE FOBES ORMSBY PONTIAC 900616----------	6 daughters--	8	14,766	3.1	461
Born, 2-26-43; proved, 12-12-49; dead; Minn.	6 dams-------	10	13,807	3.1	432
Sire, 885427; dam, 2096258.	Difference---	(2-4-3)	+959	.0	+29
Herd Owner, F. W. Strubbe, Brewster.					
PIEBE POSCH KORNDYKE INKA 897077----------	9 daughters--	15	13,235	3.3	443
Born, 1-20-42; proved, 12-15-49; dead; N. Y.	5 daughters--	7	14,078	3.3	469
Sire, 792498; dam, 2119369.	5 dams-------	12	12,158	3.6	439
Herd Owner, Fenlon Brothers, Tully.	Difference---	(5-0-4)	+1,920	-.3	+30
POSCH ORMSBY BELLE 905336----------	11 daughters-	11	11,571	3.6	421
Born, 12-14-42; proved, 12-30-49;----; Iowa.	8 daughters--	8	10,742	3.5	381
Sire, 795723; dam, 1852177.	8 dams-------	11	10,242	3.6	364
Herd Owner, G. Julius Von Glan, Breda.	Difference---	(4-3-5)	+500	-.1	+17
PRILLY OUTLET STAR SEGIS ORMSBY 883733----------	8 daughters--	10	9,710	3.7	362
Born, 1-27-43; proved, 12-30-49;----; Pa.	8 dams-------	19	9,082	3.7	337
Sire, 781180; dam, 1825326.	Difference---	(4-6-6)	+628	.0	+25
Herd Owner, E. B. Nelson, Port Allegany.					
QUAD-BURKE DI-NINE-O-FIVE LINE-GERB-COL 884517----------	6 daughters--	7	9,728	3.7	[illegible]
Born, 2-24-43; proved, 12-30-49;----; Va.	5 daughters--	6	9,574	3.7	[illegible]
Sire, 738441; dam, 2059936.	5 dams-------	10	11,326	3.2	[illegible]
Herd Owner, Mr. & Mrs. J. C. Hamilton, Warrenton.	Difference---	(1-5-1)	-1,752	+.5	[illegible]

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
RAG APPLE MONTVIC NAN 863566----------	7 daughters--	7	9,526	3.6	345
Born, 8-2-42; proved, 12-30-49;----; N. Y.	5 daughters--	5	9,549	3.7	352
Sire, 695644; dam, 1967581.	5 dams-------	13	12,819	3.5	450
Herd Owner, Franklin Aker, Cortlandville.	Difference---	(1-4-1)	-3,270	+.2	-98
RAYMOND SEGIS ORMSBY INKA 913[illegible]----------	15 daughters-	24	9,595	3.5	324
Born, [illegible]-4-39; proved, 12-30-49;----; Vt.	9 daughters--	14	9,454	3.[illegible]	326
Sire, 662651; dam, 2125821.	9 dams-------	18	10,391	3.[illegible]	352
Herd Owner, J. Lee Edson, Plainfield.	Difference---	(2-7-4)	-937	.0	-26
R M F SPITFIRE VALE 876475----------	7 daughters--	8	8,145	3.5	283
Born, 12-16-42; proved, 12-30-49;----; N. Y.	6 daughters--	7	8,365	3.4	284
Sire, 827743; dam, 1731127.	6 dams-------	15	9,416	3.5	329
Herd Owner, Kingsley B. Niles & Son, Morrisville.	Difference---	(2-3-2)	-1,051	-.1	-45
ROCKDALE SNOW PABST 903356----------	9 daughters--	9	8,535	3.8	323
Born, 3-6-42; proved, 12-28-49;----; N. Y.	6 daughters--	6	9,049	3.8	344
Sire, 125952 CHB; dam, 393346 CHB.	6 dams-------	11	9,828	3.6	350
Herd Owner, E. Glenn Jeffers, De Kalb Junction.	Difference---	(2-4-2)	-779	+.2	-6
ROSEDALE TRITOMIA KING 4TH 890451----------	5 daughters--	5	12,298	3.2	388
Born, 12-13-42; proved, 12-20-49;----; Ohio.	5 dams-------	22	12,333	3.2	395
Sire, 760100; dam, 2112546.	Difference---	(3-3-3)	-35	.0	-7
Herd Owner, Elmo D. Spring, Galloway.					
ROWSDALE EXPECTATION 897932 *(May 1949)----------	34 daughters-	41	10,023	3.8	384
Born, 10-4-36; proved, 12-28-49; dead; Maine.	20 daughters-	26	10,038	3.9	391
Sire, 108103 CHB; dam, 143014 CHB.	20 dams------	50	10,838	3.8	410
Used in Maine Co-op. A. B. A.	Difference---	(7-13-7)	-800	+.1	-19
ROWSDALE NETHERLAND PRINCE [illegible]----------	10 daughters-	10	10,463	3.6	379
Born, 3-14-43; proved, 12-28-49; dead; Maine.	6 daughters--	6	10,858	3.6	387
Sire, 114449 CHB; dam, 266861 CHB.	6 dams-------	22	10,053	[illegible]	355
Used in Maine Co-op. A. B. A.	Difference---	(3-4-3)	+805	+.[illegible]	+32
RUBEN ORMSBY OF SCHRIERDALE 836430 *13----------	12 daughters-	17	10,035	3.5	350
Born, 11-3-41; proved, 12-13-49; dead; Iowa.	12 dams------	48	12,466	3.4	426
Sire, 787346; dam, 1729776.	Difference---	(1-7-1)	-2,431	+.1	-76
Herd Owner, Alex A. Seedorf, Lamont.					
SALO ORMSBY OAK 900201----------	5 daughters--	8	9,577	3.8	362
Born, 11-15-43; proved, 12-30-49;----; Minn.	5 dams-------	33	11,521	3.5	399
Sire, 856202; dam, 2036746.	Difference---	(1-5-2)	-1,944	+.3	-37
Herd Owner, Oscar A. Swenson & Sons, Nicollet.					
SAM PIEBE GLORIA ORMSBY 792097 *(Sept. 1949)----------	16 daughters-	27	8,854	3.7	329
Born, 12-25-39; proved, 12-30-49; dead; Pa.	13 daughters-	22	9,039	3.7	332
Sire, 590765; dam, 1468633.	[illegible] dams------	23	10,658	3.5	372
Herd Owner, Fred [illegible] Myers, Meshoppenicsburg.	Difference---	(3-11-3)	-1,619	+.2	-40
[illegible] 6 daughters--	6	13,148	[illegible]	439
Born, 1-28-43; proved, 12-13-49; alive; Mo.	5 daughters--	5	[illegible]	[illegible]	447
Sire, [illegible], dam, [illegible]	[illegible] dams------	10	12,095	3.6	431
Herd Owner, [illegible] Mary's Seminary, Perryville, Mo.	Difference---	(5-3-3)	+1,249	-.3	+16
[illegible]	[illegible] daughters--	10	11,121	3.5	384
Born, 9-3-42; proved, 12-30-49;----; N. Y.	8 daughters--	[illegible]	[illegible]	3.5	388
Sire, 717404; dam, 2240440.	8 dams-------	12	12,161	3.2	394
Herd Owner, Henry J. Wilbur, Locke.	Difference---	(3-6-4)	-955	+.3	-6
SHERWOOD ACRES WINDSOR HOMESTEAD 889659 *13----------	14 daughters-	18	13,221	3.4	455
Born, 5-21-42; proved, 12-30-49; dead; Wis.	10 daughters-	14	13,336	3.5	467
Sire, 776689; dam, 2010066.	10 dams------	17	11,059	3.3	366
Herd Owner, A. W. Smith & Sons, Burlington.	Difference---	(10-9-10)	+2,277	+.2	+101
SIR BESS TRIUNE LOIS 905930----------	9 daughters--	10	13,067	4.0	520
Born, 2-7-44; proved, 12-30-49;----; W. Va.	9 dams-------	22	10,622	3.9	413
Sire, 852903; dam, 2323316.	Difference---	(8-6-9)	+2,445	+.1	+107
Herd Owner, Maple Lawn Dairy, Buckhannon.					
SIR BUTTERCUP HARK INKA 880867----------	9 daughters--	10	13,651	3.6	492
Born, 3-23-43; proved, 12-30-49;----; Ill.	7 daughters--	7	13,825	3.5	485
Sire, 754052; dam, 2018902.	7 dams-------	11	11,876	3.3	390
Herd Owner, Harold Wild, Winslow.	Difference---	(6-6-6)	+1,949	+.2	+95
SIR CASCADE OLLIE HOMESTEAD 758530 *12----------	15 daughters-	44	12,005	3.6	433
Born, 2-9-38; proved, 12-19-49; dead; Wis.	10 daughters-	27	11,878	3.6	431
Sire, 723295; dam, 1720162.	10 dams------	19	11,473	3.3	383
Herd Owner, Chester Norton, Monroe.	Difference---	(6-9-8)	+405	+.3	+48
SIR CHALLENGER TRANSMITTER 989698----------	6 daughters--	7	12,951	3.9	503
Born, 8-17-43; proved, 12-23-49;----; Iowa.	6 dams-------	15	13,058	3.3	436
Sire, 835595; dam, 2272006.	Difference---	(3-6-4)	-107	+.6	+67
Herd Owner, Ernest Miehe, Maynard.					

[illegible]	[illegible]	Records averaged	[illegible]	[illegible]	[illegible]
SIR DOU; BURK PRIDE GRA[illegible] [illegible]SON [illegible]7	[illegible] daughters--	[illegible]	9,701	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]; N. Y.	7 dams-------	[illegible]	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	Difference---	(0-5-1)	[illegible]	.0	-83
Used in Texas A & M College A. B. A., Tex.					
SIR JEWEL DEWPROF [illegible]	12 daughters-	[illegible]	13,689	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]; Mich.	9 daughters--	10	14,031	[illegible]	[illegible]
Sire, [illegible].	[illegible]	[illegible]	[illegible]	3.6	461
Herd Owner, Hamilton Nelson, Saint Peter.	Difference	(7-5-7)			[illegible]
SIR ORMSBY [illegible]	7 daughters--	7	10,116	[illegible]	377
Born, 8-14-43; proved, 12-13-49;----; Vt.	7 dams-------	[illegible]	[illegible]	3.2	368
Sire, [illegible]; dam, [illegible].	Difference---	(3-7-4)	[illegible]	+.5	+9
Herd Owner, Orin A. Thomas, Rutland.					
SLEEPY HOLLOW LAD SAMBO 926430	8 daughters--	8	12,766	3.8	488
Born, 10-18-44; proved, 12-30-49;----; Calif.	8 dams-------	50	12,338	3.7	462
Sire, 828703; dam, 2294215.	Difference---	(4-4-5)	+428	+.1	+26
Used in Sonoma-Marin Co-op. A. B. A., Inc.					
SPRINGBANK PIETJE COMMANDO 896853 *13	12 daughters-	12	13,601	3.8	519
Born, 2-3-42; proved, 12-30-49;----; N. Y.	11 daughters-	11	13,854	3.9	535
Sire, 135338 CHB; dam, 2354399.	11 dams------	44	13,971	3.6	499
Herd Owner, Machold Farms, Ellisburg.	Difference---	(7-11-7)	-117	[illegible]	+36
SPRINGDALE ALTHRO PRINCE 897275	5 daughters--	[illegible]	11,847	[illegible]	443
Born, 3-18-43; proved, 12-19-49; dead; N. Y.	[illegible]	18	12,923	[illegible]	443
Sire, 758123; dam, 2145178.	Difference---	(1-5-3)	-1,076	[illegible]	0
Herd Owner, Beatty Farm, Kingston.					
STRATTON PIEBE SIR RUE 840258 *13	11 daughters-	24	[illegible]	[illegible]	472
Born, 4-6-41; proved, 12-14-49; dead; Colo.	9 daughters--	20	[illegible]	3.6	471
Sire, 788225; dam, 1643451.	9 dams-------	26	[illegible]	3.7	427
Herd Owner, Colo. School for Deaf & Blind, Colo. Springs.	[illegible]	(6-4-6)	[illegible]	-.1	+44
SURE PIEDIE ORMSBY POUCH [illegible]	5 daughters--	7	[illegible]	[illegible]	463
Born, 11-15-42; proved, 12-30-49;----; Iowa.	5 dams-------	14	[illegible]	[illegible]	496
Sire, 826015; dam, 1944097.	Difference---	(3-3-2)	[illegible]	[illegible]	[illegible]
Herd Owner, Herman Eggink, Sibley.					
THOMASDALE MAJOR [illegible]	[illegible]	10	[illegible]	[illegible]	445
Born, 9-20-40; proved, 12-30-49;----; Mich.	[illegible]	[illegible]	12,806	[illegible]	[illegible]
Sire, [illegible].	Difference---	(5-6-4)	-853	.0	[illegible]
Herd Owner, William R. Thomas, Ovid.					
TRIUNE ORMSBY EMPEROR 875951	21 daughters-	31	11,884	[illegible]	[illegible]
Born, 11-24-42; proved, 12-30-49;----; Mich.	8 daughters--	10	12,954	[illegible]	454
Sire, 750270; dam, 1564652.	8 dams-------	13	[illegible]	[illegible]	[illegible]
Herd Owner, Merle H. Green & Son, Elsie.	Difference---	(5-6-5)	+970	+.1	[illegible]
TWIN COUNTY ORMSBY CHANGELING [illegible]	9 daughters--	9	10,792	3.3	[illegible]
Born, 9-20-42; proved, 12-30-49;----; Ohio.	6 daughters--	6	10,587	[illegible]	[illegible]
Sire, 804450; dam, 1821179.	6 dams-------	8	10,245	[illegible]	366
Herd Owner, V. F. Rumbaugh & Son, New London.	Difference---	(3-0-3)	[illegible]	-.3	-15
TYLER FARMS RAG APPLE SENSATION 889181	5 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Born, 7-29-43; proved, 12-30-49;----; Vt.	5 dams-------	21	[illegible]	[illegible]	[illegible]
Sire, 827071; dam, 2057733.	Difference---	(1-5-2)	[illegible]	+.2	+21
Herd Owner, James K. Howe & Sons, Tunbridge.					
TYPLUS VELMOR ORMSBY CREATOR 884475	5 daughters--	5	12,548	3.7	470
Born, 6-25-43; proved, 12-13-49;----; Iowa.	5 dams-------	15	12,704	[illegible]	499
Sire, 729030; dam, 2020872.	Difference---	(3-2-2)	-156	-.2	-29
Herd Owner, Chris H. Miller & Sons, Clarion.					
WARBREESE AIM 897400	7 daughters--	10	11,059	3.5	392
Born, 11-27-43; proved, 12-30-49;----; Ill.	7 dams-------	23	9,931	3.6	357
Sire, 831093; dam, 2053612.	Difference---	(4-3-4)	+1,128	-.1	+35
Herd Owner, Adam Kohrs, Breese.					
WEBERCROFT LYONS PARTHENEA 876167	7 daughters--	10	12,281	[illegible]	436
Born, 2-27-43; proved, 12-30-49;----; Pa.	7 dams-------	23	10,496	[illegible]	372
Sire, 828210; dam, 2160496.	Difference---	(5-2-5)	+1,785	.0	+64
Herd Owner, John A. Chestnut, Newville.					
WESTRICK FARMS BURKE ORMSBY FOBES 889549	6 daughters--	7	13,726	3.6	492
Born, 4-9-43; proved, 12-30-49;----; Ind.	6 dams-------	13	11,890	3.8	447
Sire, 839850; dam, 2161834.	Difference---	(4-1-3)	+1,836	-.2	+45
Herd Owner, Ben Gerke, Decatur.					
WIMBLEDON EMPEROR ABBEKERK 901612	5 daughters--	5	11,046	3.7	404
Born, 4-19-44; proved, 12-13-49;----; Pa.	5 dams-------	29	13,597	3.4	461
Sire, 671030; dam, 2339675.	Difference---	(1-4-2)	-2,551	+.3	-57
Herd Owner, Ellis D. Rearick, Millheim.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
WISEACRES DEAN INKA 898778----------	11 daughters-	14	12,620	3.5	440
Born, 6-11-43; proved, 12-30-49;----; Ill.	6 daughters--	7	13,419	3.2	435
Sire, 799996; dam, 2128884.	6 dams-------	10	11,552	3.4	391
Herd Owner, Babler & Fischer, Freeport.	Difference---	(5-3-4)	+1,867	-.2	+44
YATESCREST ORMSBY KLAVER DALE 874055----------	8 daughters--	9	12,601	3.4	434
Born, 7-25-42; proved, 12-30-49;----; Iowa.	7 daughters--	8	12,571	3.5	439
Sire, 777842; dam, 1972312.	7 dams-------	17	10,774	3.5	375
Herd Owner, John H. P. Kruger, George.	Difference---	(5-5-7)	+1,797	.0	+64
ZENTNER HOMESTEAD OSSIE 875176----------	9 daughters--	10	11,310	3.5	395
Born, 9-23-42; proved, 12-30-49;----; Wis.	5 daughters--	5	11,125	3.7	412
Sire, 790291; dam, 2079060.	5 dams-------	13	11,706	3.4	398
Herd Owner, Louis Krug, Janesville.	Difference---	(1-4-2)	-581	+.3	+14

JERSEY SIRES

ADVANCER PATRICIAN 436532----------	15 daughters-	16	10,423	4.5	467
Born, 10-31-41; proved, 12-13-49;----; Ohio.	11 daughters-	11	10,477	4.4	462
Sire, 367164; dam, 1158121.	11 dams------	29	9,264	4.6	425
Used in Central Ohio Co-op. A. B. A.	Difference---	(10-3-10)	+1,213	-.2	+37
ADVANCER PEER 444752----------	7 daughters--	7	9,347	4.8	451
Born, 12-15-42; proved, 12-29-49; alive; Ohio.	6 daughters--	6	9,256	4.7	438
Sire, 367164; dam, 1110396.	6 dams-------	13	6,927	5.6	389
Herd Owner, W. S. Inbody & Son, McComb.	Difference---	(6-0-4)	+2,329	-.9	+49
AIM FAIR LADY PRINCE OF S. S. F. 450479----------	7 daughters--	9	5,469	5.2	287
Born, 10-5-42; proved, 12-30-49;----; N. Y.	5 daughters--	6	5,794	5.3	304
Sire, 416639; dam, 1301180.	5 dams-------	8	5,703	5.4	307
Herd Owner, De Forest Davey, Altmar.	Difference---	(3-2-3)	+91	-.1	-3
ASTOR FERN WONDERFUL AIM 415660----------	16 daughters-	24	6,849	5.4	369
Born, 9-25-40; proved, 12-14-49;----; Mo.	9 daughters--	13	6,757	5.5	374
Sire, 371920; dam, 1121875.	9 dams-------	19	6,444	5.4	349
Herd Owner, Delmar Kentner, Jasper.	Difference---	(6-5-4)	+313	+.1	+25
BARONET ASHBURN NOBLE 450391----------	12 daughters-	12	9,899	5.1	500
Born, 7-6-43; proved, 12-30-49;----; Calif.	12 dams------	20	10,306	4.7	485
Sire, 369170; dam, 1223305.	Difference---	(4-10-7)	-407	+.4	+15
Used in San Pasqual A. B. A., Inc.					
BARONET ULRIC OWL 428379----------	16 daughters-	25	5,013	5.0	250
Born, 11-18-40; proved, 12-30-49;----; Minn.	7 daughters--	9	4,830	5.1	247
Sire, 401365; dam, 1268894.	7 dams-------	12	5,415	4.6	248
Herd Owner, Dorand Johnson, Zumbro Falls.	Difference---	(2-7-3)	-585	+.5	-1
BLONDE ADVANCER 411168----------	9 daughters--	18	6,907	5.6	386
Born, 4-3-40; proved, 12-30-49;----; Ariz.	7 daughters--	15	7,439	5.6	417
Sire, 367164; dam, 1065223.	7 dams-------	36	7,328	5.2	379
Herd Owner, University of Arizona, Tucson.	Difference---	(3-7-3)	+111	+.4	+38
BLONDE LAD MARINE 410665----------	6 daughters--	9	7,781	5.1	398
Born, 12-12-39; proved, 12-19-49;----; Iowa.	6 dams-------	26	7,606	5.2	393
Sire, 354588; dam, 1106722.	Difference---	(5-3-3)	+175	-.1	+5
Herd Owner, Leo Moser & Son, Nevada.					
BLONDE SIGNAL 407251 *11----------	19 daughters-	29	8,251	5.0	415
Born, 12-10-39; proved, 12-30-49; dead; Maine.	15 daughters-	22	8,219	5.0	408
Sire, 370319; dam, 1135691.	15 dams------	51	8,460	5.0	427
Used in Maine Co-op. A. B. A.	Difference---	(9-5-8)	-241	.0	-19
BRAMPTON ROYAL WONDER CLAIM 447208----------	9 daughters--	10	5,381	5.2	278
Born, 6-5-41; proved, 12-30-49;----; Iowa.	8 daughters--	8	5,659	5.2	296
Sire, 80144 CJCC; dam, 93979 CJCC.	8 dams-------	33	5,814	5.5	323
Herd Owner, Dows Maniti Dairy, Marion.	Difference---	(3-3-3)	-155	-.3	-27
BRAMPTON VALIANT PINNACLE 410277----------	10 daughters-	10	7,653	5.4	416
Born, 8-29-38; proved, 12-30-49;----; Oreg.	8 daughters--	8	7,585	5.5	421
Sire, 410269; dam, 100919 CJCC.	8 dams-------	13	8,839	5.2	456
Herd Owner, Alfred Zwald & Sons, Tillamook.	Difference---	(3-7-4)	-1,254	+.3	-35
COME VALIANT BOY 446625----------	8 daughters--	9	7,728	5.6	431
Born, 1-19-42; proved, 12-30-49;----; Oreg.	7 daughters--	8	7,917	5.6	444
Sire, 410047; dam, 1293168.	7 dams-------	7	7,903	5.5	438
Herd Owner, E. R. Measor, Beaver.	Difference---	(5-3-5)	+14	+.1	+6
CORONATION ROYAL SIGNAL 397893----------	5 daughters--	9	5,687	5.4	310
Born, 2-28-38; proved, 12-30-49;----; Mo.	5 dams-------	12	7,028	5.2	368
Sire, 376982; dam, 992601.	Difference---	(1-4-1)	-1,341	+.2	-58
Herd Owner, Garland Dooley, Eldon.					

JERSEY SIRES	Number	Number	Milk	Percent Fat	Fat
CYMBELINE GOLDEN NOBLE 411[illegible]0	5 daughters--	5	[illegible]	[illegible]	[illegible]
Born, 8-1-39; proved, 12-30-49;----; N. Y.	[illegible] dams-------	[illegible]	7,[illegible]4	4.7	[illegible]
Sire, 286449; dam, 964502.	Difference---	(1-5-1)	-1,449	+.5	-43
Herd Owner, Burton D. Rich, Hobart.					
DAIRYLIKE SYBIL OWL 448738	5 daughters--	6	6,154	5.4	[illegible]
Born, 2-10-43; proved, 12-30-49;----; Iowa.	5 dams-------	11	8,147	5.6	4[illegible]
Sire, 423240; dam, 1209385.	Difference---	(1-1-1)	-1,993	-.2	-126
Herd Owner, Carl Ruger, Britt.					
DESIGN NOBLE AIM 411136	7 daughters--	15	5,819	5.0	292
Born, 2-7-40; proved, 12-30-49;----; Ohio.	7 dams-------	35	7,372	5.1	377
Sire, 96839 CJCC; dam, 1227272.	Difference---	(1-2-1)	-1,553	-.1	-85
Herd Owner, Ralph Rowland, New London.					
DESIGN OXFORD ENGRAVER 424159	6 daughters--	6	7,303	5.0	363
Born, 2-22-41; proved, 12-30-49;----; Oreg.	5 daughters--	5	7,392	5.0	367
Sire, 355058; dam, 1199383.	5 dams-------	10	6,708	5.2	346
Herd Owner, John Lienhart, Woodburn.	Difference---	(3-2-3)	+684	-.2	+21
DESIGN SILVER FLASH 448550	6 daughters--	8	5,127	5.1	264
Born, 3-8-43; proved, 12-30-49;----; Tenn.	5 daughters--	6	5,489	5.2	284
Sire, 408923; dam, 1275320.	5 dams-------	5	4,926	5.0	247
Herd Owner, B. Haun, Russellville.	Difference---	(2-2-2)	+563	+.2	+37
DOUBLE DESIGN MASTERPIECE 445431	6 daughters--	6	9,224	5.4	494
Born, 11-29-42; proved, 12-30-49;----; Ky.	6 dams-------	30	8,778	5.5	482
Sire, 374863; dam, 983166.	Difference---	(4-2-4)	+446	-.1	+12
Used in Kentucky A. B. A.					
ELSIE GOLD RING 449654	5 daughters--	7	5,435	5.2	280
Born, 10-15-42; proved, 12-30-49;----; Vt.	5 dams-------	16	6,783	5.0	340
Sire, 395921; dam, 1226162.	Difference---	(0-3-1)	-1,348	+.2	-60
Herd Owner, Hewitt F. Moore, North Pomfret.					
ESTELLA ALICE'S SIGNAL 414745	9 daughters--	14	4,685	5.0	233
Born, 9-14-40; proved, 12-30-49;----; Tenn.	7 daughters--	11	4,717	4.9	231
Sire, 346193; dam, 962772.	7 dams-------	12	4,756	4.8	228
Herd Owner, J. B. Rutledge, Fayetteville.	Difference---	(1-5-2)	-39	+.1	+3
FERNLIKE VOLUNTEER 402909	8 daughters--	11	5,917	5.1	299
Born, 8-17-38; proved, 12-30-49;----; Mass.	6 daughters--	9	5,625	4.9	275
Sire, 371003; dam, 1101320.	6 dams-------	20	6,691	4.9	331
Herd Owner, English Farm Dairy, Holbrook.	Difference---	(2-2-1)	-1,066	.0	-56
FILLPAIL WONDER ROYALIST 397601 *10	28 daughters-	88	8,536	5.3	449
Born, 9-15-38; proved, 12-30-49;----; Calif.	23 daughters-	72	8,413	5.3	448
Sire, 351912; dam, 1153122.	23 dams------	136	8,344	5.2	436
Herd Owner, Vernon Thornburg, Turlock.	Difference---	(12-13-13)	+69	+.1	+12
FLAG ROYAL DESIGN 443089	6 daughters--	6	5,638	5.7	320
Born, 8-31-42; proved, 12-30-49;----; Kans.	6 dams-------	31	6,727	5.0	337
Sire, 354680; dam, 1223484.	Difference---	(1-6-3)	-1,089	+.7	-17
Herd Owner, Richland View, Nickerson.					
FLASHY BLONDE SOUVENIR 444592	5 daughters--	5	6,144	5.5	337
Born, 10-27-42; proved, 12-20-49;----; Minn.	5 dams-------	14	7,032	5.3	370
Sire, 396495; dam, 1086725.	Difference---	(1-3-2)	-888	+.2	-33
Herd Owner, H. A. Krebs, Bemidji.					
FLOSS DUKE MODEL ZACK 447542	7 daughters--	7	7,846	5.3	418
Born, 3-2-43; proved, 12-30-49;----; Maine.	7 dams-------	31	7,670	5.6	427
Sire, 369058; dam, 1098500.	Difference---	(3-2-3)	+176	-.3	-9
Herd Owner, Wilbert A. Libby, Sebago Lake.					
FOX ELIZABETH DOUBLE BOY 409986	7 daughters--	14	7,967	5.6	443
Born, 11-18-39; proved, 12-12-49;----; Oreg.	6 daughters--	13	8,439	5.5	464
Sire, 218667; dam, 1061997.	6 dams-------	11	9,184	5.2	475
Herd Owner, C. R. Humphrey & Son, Tillamook.	Difference---	(3-5-3)	-745	+.3	-11
FREEDOM ROYAL BEE-JAY 408212	9 daughters--	11	7,781	5.4	418
Born, 9-17-39; proved, 12-30-49;----; Ind.	6 daughters--	8	7,467	5.4	402
Sire, 382599; dam, 1133332.	6 dams-------	7	8,525	5.6	475
Herd Owner, Harold C. Bemiller, Elkhart.	Difference---	(2-1-2)	-1,058	-.2	-73
GIL-BAR STANDARD GENE 411812	12 daughters-	19	5,876	4.9	290
Born, 8-15-39; proved, 12-20-49;----; Wis.	5 daughters--	7	5,767	4.9	284
Sire, 372458; dam, 1040890.	5 dams-------	10	6,259	5.2	324
Herd Owner, Ulrich Huber, Germantown.	Difference---	(1-1-1)	-492	-.3	-40
GRAYBURN STANDARD BARON 398642	12 daughters-	12	5,961	4.9	292
Born, 7-21-38; proved, 12-30-49;----; Vt.	5 daughters--	5	6,363	4.9	309
Sire, 54242 CJCC; dam, 58799 CJCC.	5 dams-------	9	5,167	5.3	275
Herd Owner, William C. Walker, Cabot.	Difference---	(4-2-4)	+1,196	-.4	+34

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
HAMILTON FARM FIRECRACKER 415052	10 daughters	18	8,113	5.5	448
Born, 7-4-40; proved, 12-30-49;----; Ohio.	6 daughters	11	8,298	5.6	461
Sire, P. S. 7231 H. C.; dam, 1261036.	6 dams	23	7,513	5.2	388
Herd Owner, C. R. Potter & Son, Leonardsburg.	Difference	(4-4-4)	+785	+.4	+73
HIGHFIELD GOLDEN DESIGN 450798	5 daughters	5	8,210	5.0	409
Born, 10-29-43; proved, 12-30-49;----; Iowa.	5 dams	13	7,614	5.5	415
Sire, 359224; dam, 1310993.	Difference	(3-0-3)	+596	-.5	-6
Herd Owner, Bert Sams & Sons, Beaman.					
HOPE ROYAL VOLUNTEER 444748	11 daughters	14	7,206	5.6	402
Born, 2-8-42; proved, 12-30-49;----; Oreg.	10 daughters	13	7,456	5.5	412
Sire, 406876; dam, 992193.	10 dams	22	8,000	5.7	459
Herd Owner, Gale Walker, Scio.	Difference	(4-2-4)	-544	-.2	-47
J. ROYAL KING EXTRA 444968	8 daughters	8	5,096	5.4	276
Born, 11-21-42; proved, 12-30-49;----; Vt.	6 daughters	6	4,739	5.5	262
Sire, 250214; dam, 1256225.	6 dams	23	5,718	5.2	296
Herd Owner, R. D. Gates, Franklin.	Difference	(0-4-2)	-979	+.3	-34
LA SERGENTE'S VOLUNTEER JIM 394028	7 daughters	11	7,035	5.3	372
Born, 7-1-38; proved, 12-14-49;----; N. Y.	6 daughters	10	7,195	5.3	381
Sire, 346490; dam, 845114.	6 dams	8	7,436	5.4	401
Herd Owner, Irving L. Mosher & Sons, Stanfordville.	Difference	(2-3-2)	-241	-.1	-20
LILAC REMUS APOLLO 426786	6 daughters	7	7,495	5.8	437
Born, 9-23-41; proved, 12-30-49;----; Vt.	5 daughters	6	8,125	5.8	471
Sire, 328497; dam, 1198442.	5 dams	12	8,170	5.5	446
Herd Owner, Upwey Farms, South Woodstock.	Difference	(2-4-4)	-45	+.3	+25
LILAC REMUS UNRIVALED 409293 *11	42 daughters	112	8,824	5.2	463
Born, 12-11-39; proved, 12-30-49;----; Vt.	42 dams	231	10,485	5.2	541
Sire, 328497; dam, 1147452.	Difference	(12-25-14)	-1,661	.0	-78
Herd Owner, Brigham Farm, St. Albans.					
MADISON OXFORD VOLUNTEER 409214	11 daughters	20	5,476	5.2	286
Born, 12-22-39; proved, 12-15-49;----; Pa.	6 daughters	12	5,571	5.3	298
Sire, 399723; dam, 1215296.	6 dams	10	5,832	5.0	294
Herd Owner, John J. Memolo, Moscow.	Difference	(3-5-3)	-261	+.3	+4
MAPLELAWN RUSTIC PRUDENT 447673	5 daughters	5	7,591	4.6	347
Born, 12-17-42; proved, 12-30-49;----; Maine.	5 dams	8	7,617	5.1	388
Sire, 424039; dam, 1090626.	Difference	(2-2-1)	-26	-.5	-41
Herd Owner, George Gray, Starks.					
MERIDALE SYBIL CHECKMATE 445638	7 daughters	7	6,183	5.7	350
Born, 9-29-42; proved, 12-29-49;----; N. Y.	7 dams	12	7,151	5.4	385
Sire, 401068; dam, 1255254.	Difference	(2-6-3)	-968	+.3	-35
Herd Owner, William Miner Franks, Arena.					
OBSERVER FOREMOST POPEYE 393223 *(Mar. 1949)	20 daughters	28	8,193	5.4	444
Born, 2-26-38; proved, 12-12-49; dead; Ohio.	13 daughters	18	8,316	5.5	457
Sire, 344269; dam, 1000668.	13 dams	37	7,766	5.0	392
Herd Owner, Guy Larue, La Fayette.	Difference	(10-12-10)	+550	+.5	+65
OBSERVER GOLD FAUVIC 451112	15 daughters	20	6,899	4.9	338
Born, 6-17-43; proved, 12-20-49; dead; Minn.	5 daughters	6	7,816	5.0	388
Sire, 427818; dam, 1012711.	5 dams	14	7,626	4.5	347
Herd Owner, Wendell Pickett, Preston.	Difference	(2-4-4)	+190	+.5	+41
OWL CLARICE OF MILLVIEW 403966	5 daughters	12	7,141	5.8	414
Born, 2-14-37; proved, 12-30-49;----; Va.	5 dams	11	6,262	5.6	351
Sire, 344305; dam, 907923.	Difference	(4-3-4)	+879	+.2	+63
Herd Owner, Ralph E. Brown, Orange.					
OWL GAMBOGE OF MEADOWBROOK 423468	6 daughters	12	7,786	5.1	394
Born, 3-30-41; proved, 12-30-49;----; Minn.	5 daughters	9	7,849	4.8	381
Sire, 357743; dam, 1120257.	5 dams	6	6,120	4.6	284
Herd Owner, Branham Brothers, Park Rapids.	Difference	(5-3-5)	+1,729	+.2	+97
PATSY'S FAIR FLIGHT COUNT 412200	6 daughters	8	6,945	5.2	364
Born, 7-25-40; proved, 12-30-49;----; Ariz.	5 daughters	7	6,966	5.2	362
Sire, 371471; dam, 1126885.	5 dams	12	6,014	4.8	290
Herd Owner, Chesney Farm, Glendale.	Difference	(3-5-4)	+952	+.4	+72
PETITE RANDLEIGH VICTOR 443368	6 daughters	6	6,524	5.1	333
Born, 12-1-42; proved, 12-30-49;----; Pa.	5 daughters	5	6,715	5.2	349
Sire, 409755; dam, 1242585.	5 dams	10	7,288	4.6	339
Herd Owner, Harry Evans, Jackson Center.	Difference	(2-5-2)	-573	+.6	+10
PIONEER LADY BEAU 443641	7 daughters	10	7,227	5.5	397
Born, 12-18-40; proved, 12-15-49;----; N. Y.	5 daughters	7	7,664	5.4	415
Sire, 394361; dam, 857812.	5 dams	11	7,377	5.3	393
Herd Owner, Philip Meachem, Cato.	Difference	(3-3-3)	+287	+.1	+22

JERSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
POLLY GOLDEN GLOW 450227----------	7 daughters--	7	8,276	4.7	391
Born, 2-2-42; proved, 12-30-49;----; Wash.	5 daughters--	5	8,063	4.9	398
Sire, 403710; dam, 1421924.	5 dams-------	5	9,818	4.6	456
Herd Owner, William C. Noteboom, Lynden.	Difference---	(0-4-1)	-1,755	+.3	-58
ROSE DESIGN HEIR 444308----------	13 daughters-	17	7,782	5.4	418
Born, 11-9-42; proved, 12-20-49;----; Md.	10 daughters-	13	7,896	5.3	420
Sire, 350454; dam, 1083435.	10 dams------	19	8,169	5.1	420
Used in Southeastern Pennsylvania Co-op. A. B. A., Pa.	Difference---	(5-9-5)	-273	+.2	0
ROYAL OXFORD RALEIGH PRINCE 443261----------	5 daughters--	6	6,093	5.5	333
Born, 12-23-41; proved, 12-30-49;----; Mich.	5 dams-------	7	6,542	5.2	343
Sire, 364827; dam, 1048281.	Difference---	(2-4-2)	-449	+.3	-10
Herd Owner, Wilford A. Lawrence, Homer.					
SAL RIO EMINENT JIMMY 448251----------	6 daughters--	8	7,413	5.0	370
Born, 10-22-41; proved, 12-30-49;----; Ariz.	6 dams-------	14	8,344	5.1	428
Sire, 372235; dam, 1188228.	Difference---	(0-2-1)	-931	-.1	-58
Herd Owner, Clarence Pollack, Phoenix.					
SIGNAL BLONDE GOLDEN LAD 445505----------	5 daughters--	6	7,153	5.1	363
Born, 1-20-43; proved, 12-30-49;----; Maine.	5 dams-------	18	6,195	4.8	300
Sire, 370319; dam, 1135401.	Difference---	(4-4-5)	+958	+.3	+63
Herd Owner, Harold S. White & Son, Auburn.					
SOPHIE MADCAP JARVIS 429204----------	8 daughters--	8	7,432	5.6	416
Born, 12-16-38; proved, 12-30-49;----; N. Y.	8 dams-------	35	8,779	5.3	470
Sire, 362179; dam, 1047530.	Difference---	(2-6-2)	-1,347	+.3	-54
Herd Owner, Mark Chamberlain & Sons, Wyoming.					
STORRS RADIANT VICTOR 406116----------	8 daughters--	12	7,982	5.2	419
Born, 10-9-39; proved, 12-30-49;----; Mass.	5 daughters--	9	8,018	5.3	422
Sire, 361372; dam, 1017954.	5 dams-------	10	8,844	5.3	467
Herd Owner, R. L. Manchester, Amherst.	Difference---	(2-2-2)	-826	.0	-45
SYBIL IXIA OXFORD NOBLE 427507----------	5 daughters--	5	8,043	5.3	429
Born, 11-15-40; proved, 12-30-49;----; Pa.	5 dams-------	18	8,550	5.4	458
Sire, 323913; dam, 1102826.	Difference---	(1-3-2)	-507	-.1	-29
Herd Owner, Dr. Charles E. Massinger, Phoenixville.					
SYBIL KING DELIGHT ALERT 441316----------	15 daughters-	16	7,640	5.5	417
Born, 3-12-41; proved, 12-14-49;----; Wash.	8 daughters--	8	8,110	5.4	440
Sire, 397663; dam, 1179048.	8 dams-------	14	8,700	4.9	423
Herd Owner, Ray Hagerman, Chehalis.	Difference---	(2-7-2)	-590	+.5	+17
SYBIL SUCCESSOR OF H. F. 404748----------	10 daughters-	18	5,034	5.4	272
Born, 7-7-39; proved, 12-15-49;----; Maine.	5 daughters--	9	5,205	5.4	281
Sire, 389028; dam, 1109395.	5 dams-------	10	4,527	5.9	268
Herd Owner, Charles A. Hersey, North Waterford.	Difference---	(4-1-3)	+678	-.5	+13
TIDDLEDYWINK DESIGN BUTTON 423202----------	6 daughters--	7	8,499	5.1	433
Born, 3-25-41; proved, 12-30-49;----; Mo.	6 dams-------	18	8,477	5.2	439
Sire, 400044; dam, 1248145.	Difference---	(3-3-3)	+22	-.1	-6
Herd Owner, Dewey L. Sikes & Son, Mansfield.					
TROUVILLE ROSAIRE LAD 393035----------	11 daughters-	17	6,548	5.2	339
Born, 5-8-38; proved, 12-29-49;----; Oreg.	6 daughters--	7	6,301	4.9	308
Sire, 358294; dam, 999855.	6 dams-------	7	7,323	5.0	367
Herd Owner, Carl Hurner & Son, Carlton.	Difference---	(1-3-1)	-1,022	-.1	-59
VEALHAVEN FLEECING ONWARD 451869----------	10 daughters-	13	7,868	5.5	430
Born, 12-24-42; proved, 12-30-49;----; Mich.	7 daughters--	9	8,014	5.5	440
Sire, 420891; dam, 933595.	7 dams-------	25	8,168	5.4	439
Herd Owner, John Jacobs & Son, New Lothrop.	Difference---	(4-4-4)	-154	+.1	+1
VOLXENIA GOLDEN SULTAN 448951----------	12 daughters-	13	6,223	4.9	306
Born, 1-13-43; proved, 12-30-49;----; Mass.	7 daughters--	7	7,298	4.9	361
Sire, 343755; dam, 1043129.	7 dams-------	12	7,703	5.2	397
Used in New Hampshire A. B. A., N. H.	Difference---	(2-4-3)	-405	-.3	-36
WILLONYX DANDY DRACONIS 415255----------	6 daughters--	6	6,219	5.4	334
Born, 8-29-40; proved, 12-20-49; dead; Tex.	5 daughters--	5	6,462	5.5	352
Sire, 361994; dam, 1111388.	5 dams-------	12	6,709	5.4	365
Herd Owner, A. M. Meekma, Winnsboro.	Difference---	(2-3-2)	-247	+.1	-13

RED DANE SIRES

51*D524 (EARTAG) *13----------	27 daughters-	57	8,088	3.9	316
Born, 11-17-38; proved, 12-30-49; alive; Mich.	20 daughters-	47	8,324	3.9	326
Sire, 51*D501; dam, 51*D5.	20 dams------	65	8,622	3.8	326
Herd Owner, George Heussner & Son, Marlette.	Difference---	(7-13-10)	-298	+.1	0

RED DANE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
51*D530 (EARTAG)----------	7 daughters--	8	7,640	3.8	291
Born, 8-30-39; proved, 12-30-49; alive; Mich.	5 daughters--	6	7,777	3.8	292
Sire, 51*D501; dam, 51*D23.	5 dams-------	10	7,659	4.1	314
Herd Owner, Otto Klein, Harrisville.	Difference---	(3-2-2)	+118	-.3	-22
51*D531 (EARTAG) *12----------	22 daughters-	53	8,111	4.1	336
Born, 9-18-39; proved, 12-30-49; dead; Mich.	14 daughters-	29	7,711	4.1	318
Sire, 51*D505; dam, 51*D12.	14 dams------	28	7,079	3.9	274
Herd Owner, Holgar Rasmussen, Marlette.	Difference---	(9-11-9)	+632	+.2	+44
51*D553 (EARTAG) *(July 1949)----------	14 daughters-	17	6,404	4.1	260
Born, 1-8-42; proved, 12-30-49; dead; Mich.	12 daughters-	15	6,562	4.1	270
Sire, 51*D501; dam, 51*D20.	12 dams------	34	8,617	3.9	339
Herd Owner, Alex Davies, Marlette.	Difference---	(1-8-3)	-2,055	+.2	-69
51*D556 (EARTAG)----------	8 daughters--	9	8,773	3.8	332
Born, 2-1-42; proved, 12-30-49; alive; Mich.	8 dams-------	23	7,966	3.9	313
Sire, 51*D501; dam, 51*D38.	Difference---	(5-4-5)	+807	-.1	+19
Herd Owner, Basil Redmond, Marlette.					
51*D562 (EARTAG) *(June 1949)----------	12 daughters-	15	8,942	3.9	353
Born, 8-15-42; proved, 12-30-49; dead; Mich.	10 daughters-	12	8,649	3.9	338
Sire, 51*D533; dam, 51*D33.	10 dams------	37	8,150	4.0	325
Herd Owner, Alfred Schneider, Marlette.	Difference---	(6-4-6)	+499	-.1	+13
51*D564 (EARTAG)----------	8 daughters--	8	6,785	4.5	307
Born, 2-23-43; proved, 12-20-49; dead; Mich.	8 dams-------	21	7,568	4.2	320
Sire, 51*D533; dam, 51*D54.	Difference---	(2-7-4)	-783	+.3	-13
Herd Owner, Edwin Handrich, Mio.					
51*D566 (EARTAG)----------	12 daughters-	14	8,418	3.9	329
Born, 5-29-43; proved, 12-30-49; alive; Mich.	7 daughters--	7	8,769	4.0	347
Sire, 51*D540; dam, 51*D56.	7 dams-------	12	7,703	4.1	315
Herd Owner, John Buchner, Mikado.	Difference---	(5-3-5)	+1,066	-.1	+32

SHORTHORN SIRES

BLUE JACKET DAIRY KING 1962886----------	14 daughters-	21	6,479	4.0	260
Born, 11-21-38; proved, 12-16-49;----; Kans.	5 daughters--	8	8,008	4.0	321
Sire, 1832984; dam, 1789775.	5 dams-------	11	5,608	3.9	219
Herd Owner, Gordon Janssen, Bushton.	Difference---	(5-4-5)	+2,400	+.1	+102
RIVERPARK BLADEN 2088988----------	5 daughters--	10	10,103	3.7	370
Born, 8-10-41; proved, 12-30-49;----; Kans.	5 dams-------	17	7,358	3.5	259
Sire, 1878308; dam, 1860535.	Difference---	(5-3-5)	+2,745	+.2	+111
Herd Owner, C. C. Lewis, Cullison.					
WACHUSETT LEONARDO (TWIN) 1994875----------	10 daughters-	12	6,883	4.0	278
Born, 12-14-39; proved, 12-16-49; dead; Ohio.	7 daughters--	8	7,293	4.1	301
Sire, 1906908; dam, 1718549.	7 dams-------	15	7,985	3.9	313
Herd Owner, Tony Wiemken, Defiance.	Difference---	(4-5-4).	-692	+.2	-12

AMERICAN DAIRY CATTLE CLUB SIRES

ELMWOOD FARMS MAJOR'S MASTER 443 *12
(This sire is also a registered Guernsey "Elmwood Farms Major's Master 280604." Proved Sire data included in Guernsey listing.)

HAYFIELD'S STREAMLINER 293
(This sire is also a registered Guernsey "Hayfield's Streamliner 310692." Proved Sire data included in Guernsey listing.)

HUFF SIR THELMA INKA WAYNE 1369
(This sire is also a registered Holstein "Huff Sir Thelma Inka Wayne 863103." Proved Sire data included in Holstein listing.)

SOPHIE MADCAP JARVIS 395
(This sire is also a registered Jersey "Sophie Madcap Jarvis 429204." Proved Sire data included in Jersey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol. 26, No. 2

February 1950

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DHIA TESTING PASSED MILLION-COW MARK IN 1949

Dairy-herd-improvement-association work in the United States continued its growth and reached an all-time peak during 1949. More associations were operating and more herds and cows were on test January 1, 1950, than ever before.

On January 1, 1950, there were 1,973 associations in operation, with 40,100 herds consisting of 1,088,872 cows on test. Compared with January 1, 1949, this represents an increase of 186, or 10.4 percent, in number of associations; an increase of 4,249, or 11.9 percent in number of herds; and an increase of 144,933, or 15.4 percent, in number of cows on test.

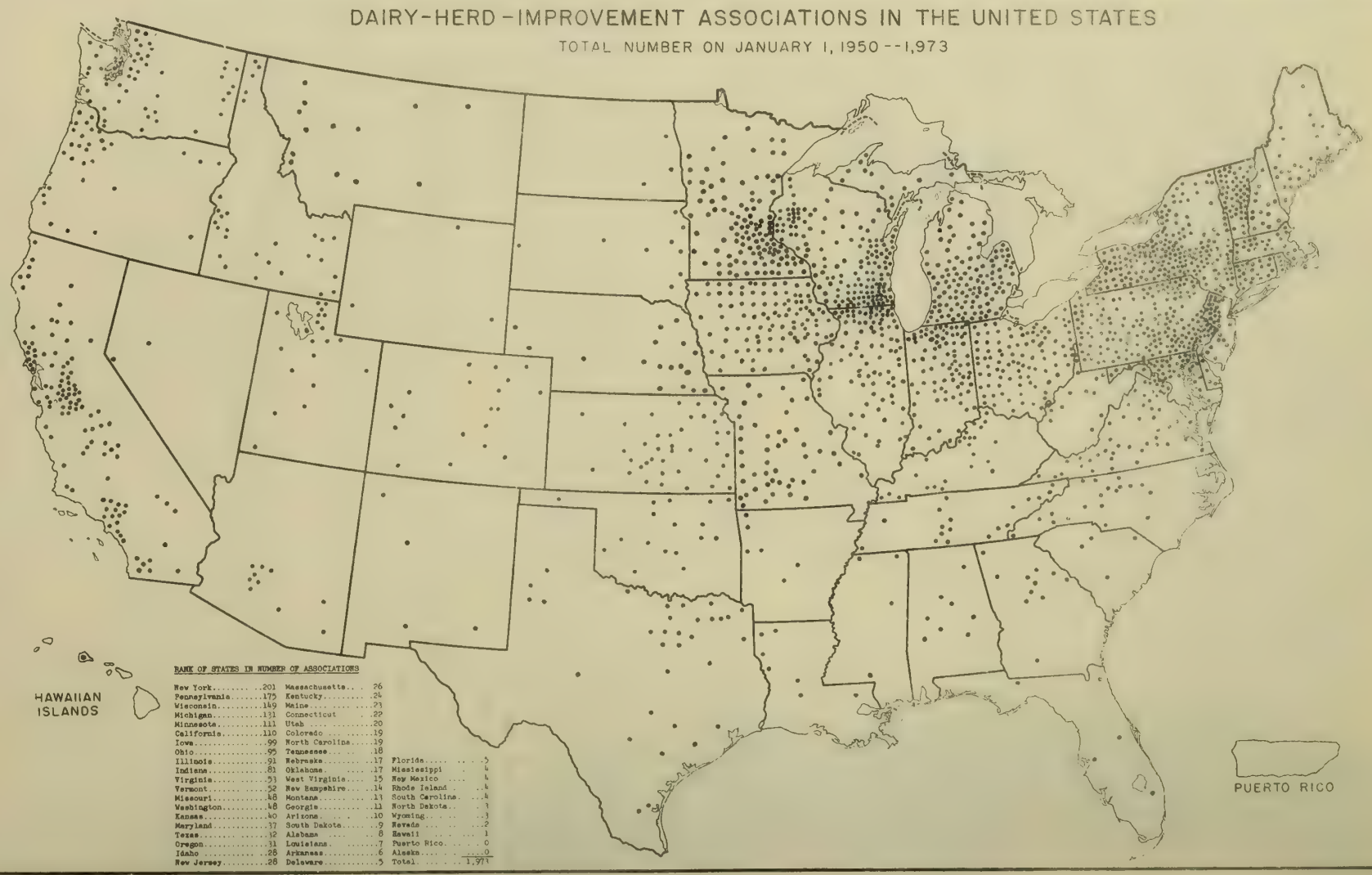
California, with 181,343 cows on test, which is 19.7 percent of the cows in the State, leads the States in number of cows being tested.

New York, with 4,271 herds on standard test, leads in number of herds being tested.

Data on the status of dairy-herd-improvement-association work by States are given on the following pages.

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES

TOTAL NUMBER ON JANUARY 1, 1950--1,973



RANK OF STATES IN NUMBER OF ASSOCIATIONS

New York	201	Massachusetts	26		
Pennsylvania	175	Kentucky	24		
Wisconsin	149	Maine	23		
Michigan	131	Connecticut	22		
Minnesota	111	Utah	20		
California	110	Colorado	19		
Iowa	99	North Carolina	19		
Ohio	95	Tennessee	18		
Illinois	91	Nebraska	17	Florida	5
Indiana	81	Oklahoma	17	Mississippi	4
Virginia	53	West Virginia	15	New Mexico	4
Vermont	52	New Hampshire	14	Rhode Island	4
Missouri	48	Montana	13	South Carolina	4
Washington	48	Georgia	11	North Dakota	3
Kansas	40	Arizona	10	Wyoming	3
Maryland	37	South Dakota	9	Nevada	2
Texas	32	Alabama	8	Hawaii	1
Oregon	31	Louisiana	7	Puerto Rico	0
Idaho	28	Arkansas	6	Alaska	0
New Jersey	28	Delaware	5	Total	1,973

U S DEPARTMENT OF AGRICULTURE

DAIRY-HERD-IMPROVEMENT ASSOCIATIONS IN THE UNITED STATES
(Active January 1, 1950)

State	Associations	Herds	Cows	Average per association: Herds	Average per association: Cows	Milk cows in U.S. 1/: Total	Milk cows in U.S. 1/: in DHIA's
	Number	Number	Number	Number	Number	Thousands	Percent
Maine	23	506	10,041	22.0	437	121	8.3
N. H	14	296	7,564	21.1	540	70	10.8
Vt	52	1,070	30,903	20.6	594	288	10.7
Mass	26	498	15,355	19.2	591	123	12.5
R. I	4	71	2,375	17.8	594	21	11.3
Conn	22	445	14,121	20.2	642	118	12.0
N. Y	201	4,271	119,882	21.2	596	1,483	8.1
Pa	175	3,994	88,263	22.8	504	1,020	8.7
N. J	28	628	23,463	22.4	838	162	14.5
Md	37	769	24,266	20.8	656	245	9.9
Del	5	88	2,283	17.6	457	37	6.2
Va	53	947	39,348	17.9	742	497	7.9
W. Va	15	265	6,810	17.7	454	234	2.9
Ky	24	330	8,320	13.8	347	634	1.3
N. C	19	283	8,403	14.9	442	387	2.2
S. C	4	64	2,223	16.0	556	172	1.3
Ga	11	141	5,754	12.8	523	406	1.4
Fla	5	51	4,902	10.2	980	152	3.2
Ala	8	99	6,721	12.4	840	430	1.6
Miss	4	34	1,515	8.5	379	543	0.3
Tenn	18	297	9,271	16.5	515	640	1.4
La	7	79	3,173	11.3	453	331	1.0
Ark	6	68	1,943	11.3	324	444	0.4
Ohio	95	1,593	28,483	16.8	300	1,060	2.7
Ind	81	1,574	27,498	19.4	339	728	3.8
Ill	91	1,952	40,131	21.5	441	992	4.0
Mich	131	3,047	53,294	23.3	407	1,016	5.2
Wis	149	3,406	83,281	22.9	559	2,432	3.4
Minn	111	2,660	48,084	24.0	433	1,486	3.2
Iowa	99	2,208	38,665	22.3	391	1,182	3.3
Mo	48	893	17,867	18.6	372	975	1.8
N. Dak	3	65	1,113	21.7	371	421	0.3
S. Dak	9	167	2,977	18.6	331	379	0.8
Nebr	17	274	3,757	16.1	221	477	0.8
Kans	40	830	13,891	20.8	347	628	2.2
Okla	17	97	2,700	5.8	159	654	0.4
Tex	32	377	14,401	11.8	450	1,296	1.1
Mont	13	196	4,622	15.1	356	128	3.6
Idaho	28	568	9,277	20.3	331	222	4.2
Wyo	3	40	577	13.3	192	56	1.0
Nev	2	23	924	11.5	462	21	4.4
Utah	20	541	9,531	27.1	477	116	8.2
Colo	19	221	5,872	11.6	309	202	2.9
N. Mex	4	48	2,381	12.0	595	60	4.0
Ariz	10	220	12,031	22.0	1,203	47	25.6
Wash	48	1,096	29,947	22.8	624	329	9.1
Oreg	31	636	18,619	20.5	601	240	7.8
Calif	110	2,065	181,343	18.8	1,649	920	19.7
Alaska	0	0	0	----	----	----	0
Hawaii	1	9	707	9.0	707	(2)	6.7
Puerto Rico	0	0	0	----	----	----	0
Total or average	1,973	40,100	1,088,872	20.3	552	24,625	4.4

1/ Estimated by the Bureau of Agricultural Economics; includes cows and heifers 2 years old and over kept for milk on farms, by States, 1950.
2/ 10,562; estimated by the Economics Department, University of Hawaii.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1906-30, inclusive) 1/

	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1925	1926	1927	1928	1929	1930
Mich 2/	5	4	3	4	4	3	3	10	15	7	13	14	11	17	53	105	108	102	105	94	90
Maine 3/	4	3	6	5	4	5	8	11	5	1	0	0	0	3	4	2	1	0	0	0	5
N.Y 4/	1	3	9	18	21	29	35	47	43	19	25	28	24	31	27	24	28	36	42	54	51
Vt	2	8	10	11	17	28	33	38	47	18	12	18	17	21	20	17	23	23	25	23	23
Iowa	2	5	4	8	7	8	13	23	30	15	11	14	17	22	47	56	61	77	86	101	101
Calif	1	3	2	4	4	5	7	9	15	16	14	18	21	21	27	20	30	35	32	32	33
Wis	9	10	10	8	11	24	37	51	81	112	105	115	103	127	151	176	169	159	166	154	142
Nebr	1	0	0	0	3	2	3	4	4	2	2	0	0	1	4	2	6	10	17	23	28
Colo	--	1	1	2	1	1	0	0	3	5	5	5	4	6	6	7	6	5	9	14	15
Pa	--	1	1	2	2	7	14	19	24	21	35	64	46	45	36	42	43	49	65	76	88
Ohio	--	1	0	0	1	4	5	20	30	24	24	41	35	36	36	21	25	28	29	39	38
Wash	--	1	3	1	0	0	1	12	18	11	9	6	10	10	11	10	8	11	10	12	15
Md	--	--	1	3	3	2	4	7	8	4	2	6	7	6	4	9	10	8	7	8	9
Ill	--	--	4	3	2	7	3	3	17	15	27	23	25	24	23	24	26	30	34	51	59
Minn	--	--	3	7	10	9	11	22	26	23	21	19	23	37	55	88	84	85	105	117	120
N.H	--	--	1	1	1	4	8	11	12	8	9	10	10	11	10	5	4	2	4	7	7
Oreg	--	--	1	1	1	7	11	15	17	11	6	9	5	5	4	7	8	9	11	14	14
Utah	--	--	1	0	0	1	1	0	1	1	0	1	1	1	4	5	4	5	5	5	8
Mass	--	--	2	2	2	3	0	4	4	0	0	1	5	6	6	3	6	7	9	11	11
Va	--	--	2	2	2	0	0	2	4	4	5	8	10	12	13	15	18	18	20	20	20
Kans	--	--	--	--	1	1	1	1	4	3	15	13	13	13	9	8	11	13	14	20	22
Ind	--	--	--	--	2	2	3	7	9	7	10	5	10	5	10	17	25	31	34	41	51
Ky	--	--	--	--	1	1	0	1	1	0	0	5	5	2	3	2	0	2	(5)	8	12
Mo	--	--	--	--	--	2	1	2	5	4	5	6	7	11	12	13	19	21	25	34	36
N.J	--	--	--	--	--	2	3	4	8	9	9	12	8	6	6	6	9	11	17	18	1[illegible]
W.Va	--	--	--	--	--	1	1	3	1	1	1	3	5	5	6	3	3	3	4	6	7
Conn	--	--	--	--	--	1	3	6	3	0	0	1	0	2	1	1	2	4	5	3	4
N.C	--	--	--	--	--	2	0	0	0	0	0	2	2	0	0	2	5	5	5	8	7
La	--	--	--	--	--	1	0	0	0	0	0	1	0	0	0	0	0	1	2	2	2
S.Dak	--	--	--	--	--	1	1	3	3	0	0	0	0	0	4	11	9	10	8	14	12
Nev	--	--	--	--	--	--	1	0	1	0	0	0	1	1	4	3	1	3	0	1	0
Ariz	--	--	--	--	--	--	--	2	2	1	0	0	2	1	1	2	1	1	2	3	4
R.I	--	--	--	--	--	--	--	2	2	0	0	4	4	4	3	0	0	0	0	1	1
Del	--	--	--	--	--	--	--	2	3	2	2	1	0	0	0	0	0	0	0	1	1
Idaho	--	--	--	--	--	--	--	2	1	1	4	5	6	4	8	8	8	9	12	13	13
Miss	--	--	--	--	--	--	--	1	0	0	0	0	3	2	1	1	2	0	1	1	2
Mont	--	--	--	--	--	--	--	1	2	0	0	0	0	0	2	4	3	7	7	8	9
Tenn	--	--	--	--	--	--	--	1	8	4	6	3	3	4	2	2	2	2	3	7	10
N.Mex	--	--	--	--	--	--	--	--	1	0	0	0	1	1	1	0	1	1	2	2	1
Wyo	--	--	--	--	--	--	--	--	1	0	1	0	0	0	0	1	0	0	0	1	1
Ala	--	--	--	--	--	--	--	--	--	2	1	3	1	1	0	0	0	1	3	4	7
Ga	--	--	--	--	--	--	--	--	--	1	0	0	0	0	0	0	0	1	1	2	1
N.Dak	--	--	--	--	--	--	--	--	--	1	1	1	2	6	8	5	3	6	4	7	9
Okla	--	--	--	--	--	--	--	--	--	--	1	1	2	1	3	5	5	5	12	22	25
S.C	--	--	--	--	--	--	--	--	--	--	1	1	1	0	0	0	0	0	0	1	3
Tex	--	--	--	--	--	--	--	--	--	--	3	0	0	0	0	0	0	1	3	6	7
Ark	--	--	--	--	--	--	--	--	--	--	--	1	2	2	2	0	0	0	2	(5)	1
Fla	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	2
P.R	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total	25	40	64	82	100	163	211	346	459	353	385	468	452	513	627	732	777	837	947	1,090	1,143

1/ Up to and including 1923, data were collected on July 1. Beginning with 1924, reports were made by calendar years. Since 1925, data are as of January 1.
2/ Had 1 association in 1906; 4 in 1907; 2 in 1908.
3/ Had 3 associations in 1908.
4/ Had 1 association in 1908.
5/ No report.

NUMBER OF DAIRY-HERD-IMPROVEMENT ASSOCIATIONS, BY STATES (1931-50 inclusive) 1/

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Mich-----	88	69	58	51	46	51	62	69	77	85	89	92	59	61	63	71	93	114	116	131
Maine----	5	5	4	3	3	7	11	12	13	13	13	13	3	13	15	16	21	24	[illegible]	23
N.Y------	69	79	74	69	81	96	105	115	129	134	137	137	101	100	95	115	132	161	[illegible]	201
Vt-------	28	29	26	27	27	30	36	35	35	39	41	46	38	29	22	30	27	28	51	52
Iowa-----	100	82	60	53	52	54	54	59	66	69	73	78	57	54	45	55	70	87	93	99
Calif----	31	62	60	52	52	56	59	60	65	64	69	72	60	64	70	78	90	105	103	110
Wis------	131	96	78	69	94	95	124	140	154	160	166	178	110	74	68	112	133	141	147	149
Nebr-----	29	26	20	17	14	16	18	16	15	15	17	16	14	11	9	10	10	15	18	17
Colo-----	15	15	15	11	11	9	11	11	13	12	12	12	12	12	15	13	18	21	17	19
Pa-------	88	85	86	83	84	86	91	97	102	107	114	122	118	119	118	117	136	145	154	175
Ohio-----	37	36	31	30	27	32	38	47	54	59	60	63	35	25	35	57	71	71	74	95
Wash-----	12	15	13	10	10	11	10	12	13	13	16	16	16	15	16	31	36	47	49	48
Md-------	13	11	9	11	10	10	14	12	13	14	16	16	8	14	17	21	21	26	29	37
Ill------	62	57	53	52	57	63	59	67	72	78	85	87	72	56	58	63	79	82	85	91
Minn-----	96	69	45	36	30	30	35	47	53	56	58	59	42	35	33	42	85	99	99	111
N.H------	8	9	9	9	9	9	9	9	9	9	9	9	9	8	9	11	10	11	12	14
Oreg-----	16	16	14	10	9	10	17	16	20	21	24	24	10	6	6	12	22	19	28	31
Utah-----	6	7	1	1	1	2	4	6	9	9	14	14	11	12	12	12	16	18	21	20
Mass-----	13	13	14	11	11	13	13	13	17	18	18	18	10	8	7	6	14	17	22	26
Va-------	20	25	28	25	23	23	24	28	31	31	35	38	32	28	34	37	44	47	50	53
Kans-----	25	18	17	14	13	15	14	13	16	18	20	21	19	15	17	20	21	30	34	40
Ind------	37	32	30	30	33	30	37	44	53	59	63	63	46	36	39	49	61	75	81	81
Ky-------	12	8	6	6	6	7	7	14	13	15	14	15	11	13	11	11	18	21	20	24
Mo-------	34	28	29	24	19	21	23	21	22	23	25	27	23	26	24	28	33	37	46	48
N.J------	15	17	16	17	18	19	21	23	25	26	27	30	25	22	23	23	26	27	28	28
W.Va-----	9	6	5	6	6	6	6	7	7	7	8	8	8	8	9	10	12	13	12	15
Conn-----	4	2	2	2	8	13	15	15	18	19	20	21	16	16	16	16	18	18	21	22
N.C------	7	8	9	7	6	6	8	8	10	11	11	12	9	8	7	6	15	23	22	19
La-------	3	2	6	5	4	11	7	3	3	4	5	4	4	1	1	1	4	5	5	7
S.Dak----	12	7	4	4	3	2	2	2	4	6	7	7	4	3	3	1	3	5	5	9
Nev------	0	0	0	0	0	1	0	2	2	2	3	4	4	1	2	3	3	3	2	2
Ariz-----	3	2	2	2	2	2	2	2	4	4	4	4	3	4	6	4	5	7	9	10
R. I-----	1	2	2	3	3	3	3	4	4	4	4	3	3	1	1	1	1	2	3	4
Del------	1	1	1	1	1	1	1	1	1	3	3	3	1	1	3	3	4	4	4	5
Idaho----	12	10	5	4	4	5	7	7	8	7	10	13	9	6	9	11	14	21	26	28
Miss-----	3	3	2	1	0	0	0	6	5	7	7	4	2	0	0	0	6	4	4	4
Mont-----	9	8	6	4	4	4	5	5	8	8	7	8	4	4	5	5	8	12	12	13
Tenn-----	10	8	8	6	4	3	6	13	15	16	16	15	15	13	5	6	10	14	16	18
N.Mex----	1	1	1	1	1	1	1	1	1	1	2	2	3	1	1	1	3	4	4	4
Wyo------	1	1	1	1	1	1	1	2	2	2	2	2	1	1	0	0	6	0	3	3
Ala------	6	4	3	2	1	0	3	5	6	5	5	1	1	1	1	1	(2)	0	0	8
Ga-------	0	1	1	0	1	1	1	2	1	1	1	1	1	1	1	2	4	9	11	11
N.Dak----	9	5	7	5	4	2	2	2	2	2	3	4	7	5	1	2	0	3	4	3
Okla-----	21	20	15	15	12	13	11	12	10	12	12	11	9	9	6	2	7	17	15	17
S.C------	2	0	1	1	1	1	3	4	5	5	5	5	0	0	0	0	0	2	2	4
Tex------	5	5	3	2	3	5	9	12	14	14	20	15	6	7	5	3	13	23	27	32
Ark------	3	(2)	1	0	0	0	2	1	4	4	4	4	2	2	(2)	0	0	0	2	6
Fla------	0	0	0	0	0	0	0	2	3	4	6	4	3	3	4	3	(2)	3	3	5
P.R------	--	--	--	--	--	--	1	1	1	4	1	(2)	(2)	1	1	1	1	0	0	0
Hawaii---	--	--	--	--	--	--	--	1	1	1	2	(2)	1	1	1	2	2	(2)	1	1
Total-	1,112	1,005	881	793	809	876	992	1,106	1,228	1,300	1,383	1,421	1,057	954	949	1,124	1,426	1,668	1.787	1,973

1/ Data are as of January 1.
2/ No report.

RELATIVE POSITION OF THE STATES WHEN THE NUMBER OF HERDS ON TEST IS COMPARED WITH THE NUMBER OF HERDS OF 15 COWS OR MORE, ON A PERCENTAGE BASIS, 1944-50

States in which the number of DHIA herds equals 20% or more of the number of herds having 15 cows or more

1944	1945	1946	1947	1948	1949	1950
Utah----- 77.4	Utah----- 67.1	Utah----- 58.2	Utah----- 68.7	Utah----- 84.8	Utah----- 88.1	Utah----- 76.7
Pa------- 21.1	Maine---- 24.7	Maine---- 28.5	Maine---- 33.8	Mich----- 35.2	Va------- 37.9	Va------- 42.1
Maine---- 20.9	Va------- 22.6	Va------- 26.7	Va------- 32.8	Va------- 34.5	Mich----- 36.2	Mich----- 41.5
Va------- 20.1	Pa------- 21.1	Ind------ 23.3	Mich----- 29.9	Maine---- 33.9	Ind------ 35.6	Maine---- 38.4
		Mich----- 22.8	Ind------ 27.3	Ind------ 33.2	Idaho---- 34.4	Ind------ 38.0
		Pa------- 21.3	W. Va---- 26.0	Idaho---- 29.1	Maine---- 31.9	Ariz----- 37.2
			Pa------- 22.8	W. Va---- 27.8	Ariz----- 30.3	Idaho---- 34.8
				Pa------- 25.4	Pa------- 27.7	Pa------- 31.2
				Ariz----- 23.4	W. Va---- 25.7	W. Va---- 30.7
				Wash----- 22.1	Wash----- 23.4	N. C----- 25.6
					Kans----- 22.1	Kans----- 25.2
					Mo------- 21.7	Wash----- 24.4
					Ohio----- 20.2	Md------- 23.3
						N. H----- 23.3
						Ohio----- 23.0
						Mo------- 22.7
						Mont----- 20.0

States in which the number of DHIA herds equals 15% to 19.9% of the number of herds having 15 cows or more

N. H.---- 18.2	Mich----- 19.5	W. Va---- 19.6	Idaho---- 18.8	Kans----- 19.9	Oreg----- 19.0	Oreg----- 19.7
Ind------ 18.2	Ind------ 18.5	Ariz----- 17.4	Ohio----- 18.8	Mont----- 19.5	N. H----- 18.6	Calif---- 19.1
Mich----- 17.5	Ariz----- 17.8	N. J----- 15.6	Wash----- 18.3	Ohio----- 18.7	Md------- 18.3	N. J----- 19.0
Ariz----- 17.4	Calif---- 15.7	Wash----- 15.5	Ariz----- 17.8	N. J----- 17.4	N. J----- 18.2	Ill------ 18.9
	W. Va---- 15.7	Idaho---- 15.0	Oreg----- 17.5	Oreg----- 17.4	N. C----- 18.2	Conn----- 17.7
	N. H----- 15.2		N. J----- 17.0	Mo------- 17.2	Ill------ 17.8	Del------ 17.7
			Ill------ 17.0	Ill------ 17.1	Calif---- 17.0	Mass----- 17.2
			Del------ 16.9	Del------ 16.7	Del------ 16.9	Iowa----- 16.8
			N. H----- 16.1	N. H----- 16.5	Mont----- 16.7	Ky------- 16.0
				Md------- 16.5	Conn------ 16.1	
				N. C----- 16.4	Iowa----- 16.1	
				Calif---- 16.3		
				Iowa----- 15.4		

States in which the number of DHIA herds equals 10% to 14.9% of the number of herds having 15 cows or more

Calif---- 14.6	N. J----- 14.5	Del------ 14.3	Calif---- 14.4	Ky------- 14.2	Ky------- 14.1	R. I----- 14.5
N. J----- 14.4	Wash----- 13.8	N. H----- 14.1	Mo------- 14.3	Conn----- 13.7	Mass----- 14.1	Vt------- 14.4
W. Va---- 14.4	Kans----- 13.7	Kans----- 13.9	Md------- 13.8	Mass----- 11.9	Vt------- 12.6	S. C----- 13.2
Ill------ 12.5	Idaho---- 13.6	Ohio----- 13.8	Mont----- 13.7	Colo----- 10.5	Nebr----- 10.8	Colo----- 12.6
Wash----- 12.4	Del------ 13.5	Conn----- 13.6	Conn----- 13.1	Nev------ 10.1	N. Y----- 10.8	N. Y----- 12.6
Conn----- 12.0	Ohio----- 12.5	Ill------ 13.4	Kans----- 12.8			N. Mex--- 11.2
N. C----- 11.9	Ill------ 12.4	Md------- 12.9	N. C----- 12.8			Ga------- 11.1
Kans----- 11.6	Conn----- 12.2	Oreg----- 12.6	Iowa----- 12.2			Minn----- 11.1
	Md------- 11.2	Calif---- 12.4	Ky------- 11.1			Nebr----- 11.0
		Mo------- 10.8	Nev------ 10.7			Ala------ 10.6
		Nev------ 10.4				
		Mont----- 10.2				

States in which the number of DHIA herds equals 5% to 9.9% of the number of herds having 15 cows or more

Iowa------ 9.9	Mo-------- 9.4	Iowa------ 9.8	Mass------ 9.6	Nebr------ 9.9	R. I------ 9.8	Tenn----- 9.7
Mo-------- 9.9	N. C------ 9.4	Vt-------- 8.7	Colo------ 8.9	N. Mex---- 9.8	Colo------ 9.4	Fla------ 7.5
Idaho----- 9.9	Iowa------ 8.4	N. C------ 7.1	N. Mex---- 8.9	N. Y------ 9.3	Minn------ 9.2	Ark------ 7.3
Ohio------ 9.0	Mont------ 7.5	N. Y------ 6.8	Minn------ 8.3	Minn------ 9.2	Wyo------- 9.0	Nev------ 7.0
Md-------- 8.9	Colo------ 7.4	Colo------ 6.2	N. Y------ 7.8	Vt-------- 9.0	N. Mex---- 8.4	Wyo------ 6.9
Ky-------- 8.4	Nev------- 6.7	Wis------- 5.1	Vt-------- 7.7	S. C------ 8.9	Ga-------- 8.2	S. Dak--- 6.6
Vt-------- 8.1	Vt-------- 6.5		Wyo------- 6.6	R. I------ 7.4	S. C------ 8.1	Wis------ 6.4
Mass------ 7.5	Ky-------- 6.3		Wis------- 5.8	Tenn------ 7.0	Tenn------ 7.5	Tex------ 5.9
Colo------ 7.0	N. Y------ 6.0			Wis------- 6.3	Nev------- 7.0	La------- 5.6
N. Y------ 6.3	Oreg------ 5.2			Ga-------- 6.3	Wis------- 6.4	
Del------- 5.2						

States in which the number of DHIA herds equals less than 5% of the number of herds having 15 cows or more

Mont------ 4.9	Mass------ 4.7	Ky-------- 4.9	Tenn------ 4.2	Tex------- 4.6	Tex------- 4.8	Okla----- 3.0
Oreg------ 4.5	Wis------- 4.4	Mass------- 4.9	Nebr------ 4.0	La-------- 3.8	Fla------- 4.5	N. Dak--- 2.0
Tenn------ 4.3	R. I------ 3.7	Minn------- 4.3	Ga-------- 3.9	S. Dak---- 3.3	Ark------- 4.1	Miss----- 1.6
Wis------- 3.7	Minn------- 3.3	R. I------ 3.3	R. I------ 3.5	Fla------- 3.1	La-------- 3.3	
Nebr------ 3.5	Fla-------- 3.1	Nebr------ 3.0	Miss------ 3.0	Okla------ 3.0	Okla------ 2.9	
Minn------ 3.4	Nebr------- 2.2	Tenn------ 2.4	S. Dak---- 2.8	Miss------ 1.9	S. Dak---- 2.7	
Nev------- 3.1	Tenn------ 1.9	N. Mex---- 1.9	La-------- 2.7	N. Dak---- 1.8	Miss------ 2.0	
R. I------ 3.1	S. Dak---- 1.8	Ga-------- 1.5	Tex------- 2.3		N. Dak---- 2.0	
Wyo------- 2.1	La-------- 1.8	Fla------- 1.2	Okla------ 2.3	Ark------- 0	Ala------- 0	
La-------- 2.0	Okla------ 1.5	Ala------- 1.1	Ark------- 0	Ala------- 0		
Tex------- 1.7	Ga-------- 1.3	N. Dak---- .9	N. Dak---- 0	Wyo------- 0		
Okla------ 1.7	Ala------- 1.0	Tex------- .7	S. C------ 0			
S. Dak---- 1.7	Tex------- 1.0	La-------- .6	Ala------- (1)			
Ark------- 1.4	N. Mex---- .7	Okla------ .4	Fla------- (1)			
Ga-------- 1.3	N. Dak---- .2	S. Dak---- .2				
N. Dak---- 1.2	Ark------- 0	Ark------- 0				
Ala------- 1.0	Miss------ 0	Miss------ 0				
N. Mex---- .9	S. C------ 0	S. C------ 0				
Fla------- 0	Wyo------- 0	Wyo------- 0				
Miss------ 0						
S. C.----- 0						

1/ No report.

GROWTH OF DAIRY-HERD-IMPROVEMENT-ASSOCIATION WORK IN THE UNITED STATES
(1906-50 inclusive)

Year	Associations	Herds on test	Cows on test	Average production of cows on test		
				Milk	Test	Butterfat
	Number	Number	Number	Pounds	Percent	Pounds
1906--------	1	31	239	-----	------	215
1907--------	4	------	1,606	-----	-----	220
1908--------	6	------	3,921	-----	-----	-----
1909--------	25	------	11,921	-----	-----	-----
1910--------	40	------	1/ 25,000	-----	-----	-----
1911--------	64	------	1/ 40,000	-----	-----	-----
1912--------	82	------	1/ 43,000	-----	-----	-----
1913--------	100	------	47,150	-----	-----	-----
1914--------	163	------	73,280	-----	-----	-----
1915--------	211	------	105,526	-----	-----	-----
1916--------	346	------	150,677	-----	-----	-----
1917--------	459	11,720	216,831	------	-----	-----
1918--------	353	9,778	172,518	-----	-----	-----
1919--------	385	10,000	167,313	-----	-----	-----
1920--------	468	11,948	203,472	-----	-----	247
1921--------	452	11,209	193,928	-----	-----	-----
1922--------	513	12,508	215,321	-----	-----	-----
1923--------	627	16,356	277,010	-----	-----	-----
1924 2/-----	-----	------	-------	-----	-----	-----
1925--------	732	18,677	307,073	-----	-----	284
1926--------	777	19,540	327,653	7,331	4.0	290
1927--------	837	21,128	362,014	7,411	4.0	293
1928--------	947	23,327	414,891	7,476	4.0	296
1929--------	1,090	26,182	465,804	7,498	4.0	298
1930--------	1,143	27,888	507,549	7,642	4.0	303
1931--------	1,112	26,308	510,714	7,812	3.9	306
1932--------	1,005	20,351	427,044	7,858	3.9	310
1933--------	881	15,447	358,501	7,849	4.0	313
1934--------	793	13,694	325,837	8,015	4.0	322
1935--------	809	15,573	364,218	7,977	4.0	322
1936--------	876	17,344	404,412	7,912	4.0	319
1937--------	992	20,772	496,562	7,923	4.0	320
1938--------	1,106	23,701	558,993	7,831	4.0	317
1939--------	1,228	25,949	625,284	7,977	4.1	323
1940--------	1,300	27,948	676,141	8,133	4.1	331
1941--------	1,383	31,381	763,502	8,225	4.1	335
1942--------	1,421	32,957	816,117	8,323	4.1	339
1943--------	1,057	24,155	616,972	8,325	4.1	338
1944--------	954	20,825	561,587	8,296	4.1	336
1945--------	949	21,254	577,200	8,592	4.0	346
1946--------	1,124	23,331	627,878	8,635	4.0	349
1947--------	1,426	28,812	775,546	8,638	4.0	348
1948--------	1,668	33,274	886,129	8,675	4.0	350
1949--------	1,787	35,851	943,939	-----	-----	-----
1950--------	1,973	40,100	1,088,872	-----	-----	-----

1/ Estimated
2/ Date for collecting data changed in 1924 from July 1 to January 1.

HERDS ON TEST JAN. 1, 1950, COMPARED WITH HERDS ON TEST JAN. 1, 1949, BY STATES

State	Herds on test Jan. 1 1949 Number	Herds on test Jan. 1 1950 Number	Increase (+) or decrease (-) Number	Increase (+) or decrease (-) Percent
S. Dak	69	167	+ 98	+142.0
Hawaii	5	9	+ 4	+ 80.0
Ark	38	68	+ 30	+ 78.9
La	46	79	+ 33	+ 71.7
Fla	31	51	+ 20	+ 64.5
S. C	39	64	+ 25	+ 64.1
R. I	48	71	+ 23	+ 47.9
N. C	201	283	+ 82	+ 40.8
Ga	104	141	+ 37	+ 35.6
N. Mex	36	48	+ 12	+ 33.3
Colo	166	221	+ 55	+ 33.1
Tenn	229	297	+ 68	+ 29.7
Md	603	769	+166	+ 27.5
N. H	237	296	+ 59	+ 24.9
Ariz	179	220	+ 41	+ 22.9
Tex	308	377	+ 69	+ 22.4
Mass	408	498	+ 90	+ 22.1
Maine	421	506	+ 85	+ 20.2
Mont	163	196	+ 33	+ 20.2
Minn	2,215	2,660	+445	+ 20.1
W. Va	222	265	+ 43	+ 19.4
N. Y	3,667	4,271	+604	+ 16.5
Mich	2,661	3,047	+386	+ 14.5
Vt	936	1,070	+134	+ 14.3
Kans	728	830	+102	+ 14.0
Ky	290	330	+ 40	+ 13.8
Ohio	1,401	1,593	+192	+ 13.7
Pa	3,549	3,994	+445	+ 12.5
Calif	1,845	2,065	+220	+ 11.9
Va	853	947	+ 94	+ 11.0
Conn	405	445	+ 40	+ 9.9
Ind	1,474	1,574	+100	+ 6.8
Ill	1,842	1,952	+110	+ 6.0
Okla	92	97	+ 5	+ 5.4
Del	84	88	+ 4	+ 4.8
Mo	853	893	+ 40	+ 4.7
N. J	601	628	+ 27	+ 4.5
Wash	1,054	1,096	+ 42	+ 4.0
Iowa	2,125	2,208	+ 83	+ 3.9
Oreg	613	636	+ 23	+ 3.8
Nebr	269	274	+ 5	+ 1.9
Idaho	561	568	+ 7	+ 1.2
Wis	3,376	3,406	+ 30	+ .9
Ala	0	99	+ 99	----
N. Dak	65	65	0	0
Nev	23	23	0	0
P. R	0	0	0	0
Alaska	0	0	0	0
Utah	621	541	- 80	- 12.9
Miss	43	34	- 9	- 20.9
Wyo	52	40	- 12	- 23.1
Total	35,851	40,100	+4,249	+ 11.9

RELATIVE POSITION OF STATES ACCORDING TO DHIA HERDS ON TEST

1948		1949		1950	
State	Number	State	Number	State	Number
Wis	3,317	N. Y	3,667	N. Y	4,271
Pa	3,251	Pa	3,549	Pa	3,994
N. Y	3,161	Wis	3,376	Wis	3,406
Mich	2,584	Mich	2,661	Mich	3,047
Minn	2,197	Minn	2,215	Minn	2,660
Iowa	2,033	Iowa	2,125	Iowa	2,208
Calif	1,765	Calif	1,845	Calif	2,065
Ill	1,765	Ill	1,842	Ill	1,952
Ind	1,375	Ind	1,474	Ohio	1,593
Ohio	1,297	Ohio	1,401	Ind	1,574
Wash	993	Wash	1,054	Wash	1,096
Va	778	Vt	936	Vt	1,070
Mo	676	Mo	853	Va	947
Vt	673	Va	853	Mo	893
Kans	655	Kans	728	Kans	830
Utah	598	Utah	621	Md	769
N. J	576	Oreg	613	Oreg	636
Oreg	561	Md	603	N. J	628
Md	546	N. J	601	Idaho	568
Idaho	475	Idaho	561	Utah	541
Maine	447	Maine	421	Maine	506
Conn	345	Mass	408	Mass	498
Mass	344	Conn	405	Conn	445
Tex	295	Tex	308	Tex	377
Ky	293	Ky	290	Ky	330
Nebr	247	Nebr	269	Tenn	297
W. Va	240	N. H	237	N. H	296
Tenn	213	Tenn	229	N. C	283
N. H	210	W. Va	222	Nebr	274
Mont	191	N. C	201	W. Va	265
Colo	185	Ariz	179	Colo	221
N. C	181	Colo	166	Ariz	220
Ariz	138	Mont	163	Mont	196
Okla	96	Ga	104	S. Dak	167
Del	83	Okla	92	Ga	141
S. Dak	83	Del	84	Ala	99
Ga	80	S. Dak	69	Okla	97
N. Dak	58	N. Dak	65	Del	88
La	53	Wyo	52	La	79
S. C	43	R. I	48	R. I	71
N. Mex	42	La	46	Ark	68
Miss	41	Miss	43	N. Dak	65
R.I	36	S. C	39	S. C	64
Nev	33	Ark	38	Fla	51
Fla	21	N. Mex	36	N. Mex	48
Hawaii	(1)	Fla	31	Wyo	40
Ala	0	Nev	23	Miss	34
Ark	0	Hawaii	5	Nev	23
Puerto Rico	0	Ala	0	Hawaii	9
Wyo	0	P. R	0	P. R	0
				Alaska	0
U. S	33,274		35,851		40,100

1/ No report.

HERDS ON TEST IN DHIA'S COMPARED WITH HERDS OF 15 COWS OR MORE, BY STATES

State	Herds of 15 cows or more (1940 census)	DHIA herds on test Jan. 1,1950	Relation of DHIA herds to herds of 15 cows or more	Herds needed for DHIA herds to equal 25% of herds of 15 cows or more
	Number	Number	Percent	Number
Utah-----	705	541	76.7	0
Va-------	2,252	947	42.1	0
Mich-----	7,346	3,047	41.5	0
Maine----	1,318	506	38.4	0
Ind------	4,145	1,574	38.0	0
Ariz-----	591	220	37.2	0
Idaho----	1,631	568	34.8	0
Pa-------	12,821	3,994	31.2	0
W. Va----	864	265	30.7	0
N. C-----	1,105	283	25.6	0
Kans-----	3,288	830	25.2	0
Wash-----	4,495	1,096	24.4	28
Md-------	3,300	769	23.3	56
N. H-----	1,271	296	23.3	22
Ohio-----	6,919	1,593	23.0	137
Mo-------	3,937	893	22.7	91
Mont-----	978	196	20.0	48
Oreg-----	3,229	636	19.7	171
Calif----	10,822	2,065	19.1	641
N. J-----	3,309	628	19.0	199
Ill------	10,341	1,952	18.9	633
Conn-----	2,514	445	17.7	183
Del------	497	88	17.7	36
Mass-----	2,890	498	17.2	224
Iowa-----	13,170	2,208	16.8	1,084
Ky-------	2,058	330	16.0	184
R. I-----	488	71	14.5	51
Vt-------	7,443	1,070	14.4	791
S. C-----	483	64	13.2	57
Colo-----	1,757	221	12.6	218
N. Y-----	33,887	4,271	12.6	4,201
N. Mex---	429	48	11.2	59
Ga-------	1,267	141	11.1	176
Minn-----	24,001	2,660	11.1	3,340
Nebr-----	2,484	274	11.0	347
Ala------	935	99	10.6	135
Tenn-----	3,062	297	9.7	469
Fla------	682	51	7.5	119
Ark------	934	68	7.3	166
Nev------	327	23	7.0	59
Wyo------	578	40	6.9	104
S. Dak---	2,534	167	6.6	467
Wis------	52,836	3,406	6.4	9,803
Tex------	6,439	377	5.9	1,233
La-------	1,408	79	5.6	273
Okla-----	3,205	97	3.0	704
N. Dak---	3,313	65	2.0	763
Miss-----	2,111	34	1.6	494
Hawaii---	----	9	----	----
Alaska---	----	0	0	0
P. R-----	----	0	0	0
U. S---	256,399	40,100		24,000

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W. VA---- G. Heebink, Agr. Extension, College of Agr., Morgantown.
WIS------ J. E. Stallard, Ext. Dairyman, Room 207 King Hall, Madison 6.
WYO------ I. H. Loughary, Ext. Division, College of Agr., Laramie.

DHIA PROVED-SIRE RECORDS TABULATED IN JANUARY 1950

Following is a list of 275 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in January 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ANCHOR MERE ENSIGN ADVANCER 74767----------	10 daughters-	11	10,323	4.1	423
Born, 3-25-43; proved, 1-31-50;----; Conn.	8 daughters--	9	9,812	4.1	399
Sire, 65622; dam, 194133.	8 dams-------	29	9,826	3.9	388
Herd Owner, Ernest E. Forrest & Son, Litchfield.	Difference---	(4-7-5)	-14	+.2	+11
ATWOOD ORCHARDS FLASHLIGHT 57583----------	5 daughters--	8	9,666	3.9	378
Born, 9-27-37; proved, 1-30-50;----; N. Y.	5 dams-------	17	9,545	4.0	383
Sire, 50574; dam, 133165.	Difference---	(3-2-2)	+121	-.1	-5
Herd Owner, Thomas Norman, Saranac Lake.					
CONQUEROR'S RICHARD OF L. F.'S 48328----------	9 daughters--	24	9,643	4.1	396
Born, 2-24-34; proved, 1-25-50;----; N. Y.	8 daughters--	23	9,631	4.1	392
Sire, 41543; dam, 96938.	8 dams-------	41	8,214	4.1	336
Herd Owner, Porterdale Farm, Watertown.	Difference---	(8-5-7)	+1,417	.0	+56
DESERT CREST'S GINGER BOY 58488----------	11 daughters-	14	9,856	4.2	418
Born, 10-9-37; proved, 1-30-50;----; Calif.	8 daughters--	9	9,875	4.3	425
Sire, 43826; dam, 149064.	8 dams-------	15	10,952	4.2	464
Herd Owner, Herbert Buscher, Elk Grove.	Difference---	(3-3-3)	-1,077	+.1	-39
KOW KREEK JEAN'S ROSE'S BUCK 58250----------	6 daughters--	6	5,465	4.0	219
Born, 5-18-37; proved, 1-30-50;----; Kans.	5 daughters--	5	5,723	4.0	228
Sire, 48541; dam, 109377.	5 dams-------	6	6,388	3.7	239
Herd Owner, John Stacy, Arkansas City.	Difference---	(2-4-3)	-665	+.3	-11
LADY NORMA'S CHAMPION OF CASTLE HILL 49219----------	12 daughters-	23	7,609	3.9	298
Born, 6-16-34; proved, 1-30-50;----; Mass.	5 daughters--	9	7,731	3.9	302
Sire, 36852; dam, 102735.	5 dams-------	5	8,267	4.0	329
Herd Owner, Castle Hill Farm, Whitinsville.	Difference---	(1-2-1)	-536	-.1	-27
LUCY'S RED STAR 55065----------	15 daughters-	21	6,630	4.0	267
Born, 11-17-35; proved, 1-30-50;----; N. Y.	6 daughters--	8	6,983	4.0	276
Sire, 34996; dam, 129238.	6 dams-------	8	7,338	3.7	272
Herd Owner, Richard Sherman, Westport.	Difference---	(2-5-4)	-355	+.3	+4
ROSELAWN SNOW MAN 56584----------	5 daughters--	6	8,046	4.4	354
Born, 1-19-37; proved, 1-30-50;----; Ohio.	5 dams-------	11	9,687	4.1	399
Sire, 43060; dam, 150420.	Difference---	(2-3-3)	-1,641	+.3	-45
Herd Owner, Philip E. Stickley, Urbana.					
SPRING CRESS GOLD COIN 71838----------	10 daughters-	13	8,725	4.1	361
Born, 10-17-42; proved, 1-24-50;----; Iowa.	5 daughters--	6	8,794	4.2	372
Sire, 55199; dam, 183478.	5 dams-------	13	9,428	4.1	388
Herd Owner, Harry W. Lorenz, Davenport.	Difference---	(2-3-2)	-634	+.1	-16
STONE HOUSE SHAMBLES 64572----------	10 daughters-	19	8,509	3.9	333
Born, 10-12-39; proved, 1-24-50;----; Md.	7 daughters--	10	8,287	3.9	321
Sire, 47698; dam, 195120.	7 dams-------	21	7,402	4.1	307
Herd Owner, Therapia Farm, Owings Mills.	Difference---	(5-1-3)	+885	-.2	+14

BROWN SWISS SIRES

ANDY OF DAIRYDALE 40828----------	11 daughters-	16	9,093	3.8	347
Born, 1-2-38; proved, 1-20-50;----; Minn.	7 daughters--	10	8,889	3.7	326
Sire, 28670; dam, 46548.	7 dams-------	14	9,334	3.7	346
Herd Owner, Harold Portner, Sleepy Eye.	Difference---	(3-4-2)	-445	.0	-20
DAME'S BETTY BOY J. B. 41081----------	11 daughters-	24	9,524	4.0	381
Born, 5-29-38; proved, 1-24-50;----; Vt.	8 daughters--	18	9,828	4.1	402
Sire, 27137; dam, 45322.	8 dams-------	20	10,178	4.1	416
Herd Owner, Ethan Allen Farm, Essex Junction.	Difference---	(4-5-5)	-350	.0	-14
HILL'S TOMMY OF ELM BROOK 55583----------	5 daughters--	7	8,960	3.9	348
Born, 4-8-42; proved, 1-16-50;----; Pa.	5 dams-------	11	9,839	3.7	361
Sire, 42585; dam, 75692.	Difference---	(2-4-2)	-879	+.2	-13
Herd Owner, Thomas Brothers, Beavertown.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
INEZ BARON J. B. 4844[illegible]	17 daughters-	28	[illegible]	4.[illegible]	410
Born, 9-11-39; proved, 1-31-50;----; Mich.	9 daughters--	14	10,192	4.3	442
Sire, 34504; dam, 61[illegible].	9 dams-------	15	[illegible]	[illegible]	[illegible]
Herd Owner, Martin Bogart, Jr., Bay City.	Difference---	(3-8-4)	-[illegible],00[illegible]	+.4	[illegible]
KEEPER'S ELIZA'S BUSTER J. B. 52390	18 daughters-	24	11,576	4.0	467
Born, 8-27-41; proved, 1-16-50; alive; Ill.	12 daughters-	17	11,739	4.1	476
Sire, 31073; dam, 75182.	12 dams------	18	10,417	4.0	41[illegible]
Herd Owner, Clarence Imhoff, Roanoke.	Difference---	(10-8-9)	+1,322	+.1	+64
LADY'S NELLY BEAUTY BOY 51940	8 daughters--	14	7,908	4.0	[illegible]17
Born, 12-4-38; proved, 1-16-50;----; Pa.	5 daughters--	10	8,015	3.9	314
Sire, 32079; dam, 55885.	5 dams-------	16	8,281	4.0	[illegible]31
Herd Owner, E. C. Bender, Martinsburg.	Difference---	(2-3-1)	-266	-.1	-17
MARCEL OF SWISS CROFT 44160	7 daughters--	11	11,244	4.1	45[illegible]
Born, 9-30-[illegible]8; proved, 1-25-50;----; Wis.	6 daughters--	10	10,958	4.1	449
Sire, 29154; dam, 34553.	6 dams-------	24	10,505	3.7	[illegible]94
Herd Owner, Bruce McClellan, Delavan.	Difference---	(4-6-5)	+453	+.4	+55
NANCY'S CARL OF UPLAND FARM 42655	9 daughters--	26	8,420	4.2	[illegible]54
Born, 7-17-38; proved, 1-30-50;----; Pa.	8 daughters--	21	8,362	4.2	350
Sire, 25090; dam, 32213.	8 dams-------	33	10,387	4.0	420
Herd Owner, Mary S. Brouse, Mifflinburg.	Difference---	(2-5-2)	-2,025	+.2	-70
REBECKA'S BARON OF CEDAR VALLEY 49075	6 daughters--	12	9,424	4.0	375
Born, 1-12-41; proved, 1-16-50;----; Iowa.	5 daughters--	11	9,655	4.0	387
Sire, 41662; dam, 55426.	5 dams-------	14	11,749	3.8	44[illegible]
Herd Owner, Edward De Boer, Hospers.	Difference---	(3-3-2)	-2,094	+.2	-56
REUBEN'S PEBBLEBROOK COLUMBUS 43154	6 daughters--	12	7,887	4.7	367
Born, 10-12-36; proved, 1-27-50;----; N. Y.	5 daughters--	8	7,908	4.6	36[illegible]
Sire, 40697; dam, 30894.	5 dams-------	29	9,261	4.2	391
Herd Owner, Floyd E. Holmes, Dewittville.	Difference---	(1-5-2)	-1,353	+.4	-28
ROYAL BROWNIE OF LEE'S HILL 44739	10 daughters-	17	9,796	4.0	391
Born, 10-9-39; proved, 1-25-50;----; Wis.	7 daughters--	13	9,980	4.0	399
Sire, 28594; dam, 42491.	7 dams-------	21	8,912	3.7	328
Herd Owner, Swiss Town Farm, Inc., Beloit.	Difference---	(4-6-5)	+1,068	+.3	+71
ROYAL GIFT OF FENLEA 42038	15 daughters-	31	9,548	4.1	394
Born, 3-21-38; proved, 1-27-50;----; Minn.	8 daughters--	19	9,940	4.1	408
Sire, 22532; dam, 23035.	8 dams-------	16	9,474	3.8	362
Herd Owner, James B. Johnson, Barrett.	Difference---	(3-7-5)	+466	+.3	+46
ROYAL'S TARTAR OF LEE'S HILL 52443	29 daughters-	33	11,146	4.2	466
Born, 8-23-41; proved, 1-24-50; alive; Minn.	19 daughters-	22	10,583	4.2	447
Sire, 28594; dam, 46791.	19 dams------	27	10,933	3.8	420
Herd Owner, Fenlea Farm, White Bear Lake.	Difference---	(6-19-10)	-350	+.4	+27
RUTH'S TERRY OF UPLAND FARM 42656	6 daughters--	7	10,246	4.2	434
Born, 7-27-38; proved, 1-20-50;----; Ky.	6 dams-------	22	9,967	4.0	403
Sire, 32958; dam, 47445.	Difference---	(4-4-4)	+279	+.2	+31
Herd Owner, Steelway Farm, Paris.					
SALLY'S PETE 61166	6 daughters--	6	6,221	4.3	268
Born, 5-22-43; proved, 1-19-50;----; Wis.	5 daughters--	5	6,497	4.3	279
Sire, 39966; dam, 80404.	5 dams-------	27	7,272	4.3	313
Herd Owner, St. Francis Monastery, Burlington.	Difference---	(1-2-2)	-775	.0	-34
TARZAN'S ROYAL OF VERNON 51002	7 daughters--	13	9,538	4.1	388
Born, 3-15-41; proved, 1-16-50;----; Pa.	6 daughters--	12	9,503	4.1	387
Sire, 39593; dam, 42758.	6 dams-------	27	9,385	3.7	351
Herd Owner, H. P. Kennedy & Son, Valencia.	Difference---	(4-6-5)	+118	+.4	+36
WALHALLA CROWN PRINCE 45596	11 daughters-	29	10,028	4.0	399
Born, 11-14-39; proved, 1-27-50;----; Ind.	5 daughters--	12	10,691	3.9	420
Sire, 35293; dam, 74245.	5 dams-------	20	10,998	3.8	423
Herd Owner, Burton D. Lewis, Lagrange.	Difference---	(2-3-2)	-307	+.1	-3
WINNIE'S SIR JACOB OF J-A-M 52342	7 daughters--	10	7,432	4.1	303
Born, 10-24-41; proved, 1-18-50;----; Vt.	6 daughters--	8	7,592	4.1	309
Sire, 38340; dam, 34280.	6 dams-------	23	9,395	4.0	376
Herd Owner, Sleepy Valley Farm, Cambridgeport.	Difference---	(1-5-2)	-1,803	+.1	-67
ZEPHYR OF FENLEA 44583	12 daughters-	17	10,081	4.1	409
Born, 10-28-39; proved, 1-31-50;----; Minn.	5 daughters--	7	9,433	4.1	384
Sire, 34846; dam, 67084.	5 dams-------	10	8,888	3.8	341
Herd Owner, Fenlea Farm, White Bear Lake.	Difference---	(3-5-3)	+545	+.3	+43

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ANTIETAM DOLLY'S FOREMOST 276037	6 daughters--	12	5,649	5.2	292
Born, 1-19-39; proved, 1-20-50;----; Md.	5 daughters--	9	5,710	5.1	293
Sire, 231275; dam, 420682.	5 dams-------	19	6,096	5.2	318
Herd Owner, Louis E. Grab & Sons, Hagerstown.	Difference---	(3-2-2)	-486	-.1	-25
APPIN'S NOBLE 290729	6 daughters--	6	[illegible]	5.1	318
Born, 5-16-40; proved, 1-27-50;----; Va.	5 daughters-	5	6,298	5.1	320
Sire, 243947; dam, 629167.	dams---	18	[illegible]	4.7	[illegible]
Herd Owner, [illegible]	Difference--	(3-5-3)	-681	+.4	-7
ARGILLA PROSPERITY 262092	8 daughters--	8	6,926	4.7	326
Born, 3-23-37; proved, 1-25-50;----; Maine.	7 daughters--	7	[illegible]	4.8	324
Sire, [illegible]; dam, [illegible].	7 dams-------	[illegible]	8,199	4.7	[illegible]
Herd Owner, Woodworth Farms, Winthrop.	Difference---	(3-3-3)	[illegible]	+.1	-65
BERTHA'S GUSIE OF [illegible] FARM [illegible]	5 daughters--	7	7,764	[illegible]	[illegible]
Born, 9-21-41; proved, 1-23-50;----; Pa.	5 dams-------	23	7,521	4.9	368
Sire, 271719; dam, [illegible].	Difference---	(3-3-3)	+243	+.3	[illegible]
Herd Owner, Alvin L. Funk, Collegeville.					
BETHANY WISTAR'S AMBASSADOR [illegible]	6 daughters--	8	9,340	4.9	461
Born, 10-13-42; proved, 1-30-50;----; Ohio.	6 dams-------	28	8,412	4.9	411
Sire, 236556; dam, 541097.	Difference---	(5-4-5)	+928	.0	+50
Herd Owner, Walter Hickok, Ostrander.					
BOULDER BRIDGE GONDOLIER 331099	5 daughters--	6	8,304	4.8	396
Born, 12-22-42; proved, 1-30-50;----; Minn.	5 dams-------	18	7,755	4.6	355
Sire, 315269; dam, 668564.	Difference---	(3-4-4)	+549	+.2	+41
Herd Owner, L. P. Underdahl & Son, Dennison.					
BOULDER BRIDGE PREMIUM [illegible]	8 daughters--	11	6,768	4.5	308
Born, 7-20-41; proved, 1-27-50;----; Wis.	7 daughters--	8	6,557	4.6	300
Sire, 262344; dam, 484362.	7 dams-------	16	7,148	4.9	353
Herd Owner, State Teachers College, Platteville.	Difference---	(1-2-0)	-591	-.3	-53
BRADFIELD'S FREDDY OF ROLANS [illegible]	5 daughters--	5	7,144	4.7	337
Born, 6-18-42; proved, 1-25-50;----; Mich.	5 dams-------	[illegible]	8,156	4.7	380
Sire, 286218; dam, 456492.	Difference---	(1-3-2)	-1,012	.0	[illegible]
Herd Owner, George A. Clouse, Hastings.					
BROADLAND CORONET [illegible]	20 daughters-	27	7,200	4.9	356
Born, 8-9-38; proved, 1-19-50;----; Va.	11 daughters-	15	7,630	5.1	386
Sire, 198142; dam, 334025.	11 dams------	16	6,761	4.7	315
Herd Owner, Llangallen Farm, Upperville.	Difference---	(7-10-8)	+869	+.4	+71
CATHEDRAL KATE'S RESOLUTE 315911	10 daughters-	14	6,447	4.7	305
Born, 2-1-42; proved, 1-23-50;----; N. Y.	9 daughters--	12	6,618	4.8	316
Sire, 292017; dam, 470570.	9 dams-------	33	7,325	4.7	346
Herd Owner, Herman E. Harrison & Sons, Oneonta.	Difference-	(1-6-2)	-707	+.1	-30
CEDAR CLIFF'S MOONLIGHT [illegible]	7 daughters--	8	8,707	4.9	425
Born, 1-5-43; proved, 1-25-50;----; Pa.	6 daughters--	7	8,452	4.9	415
Sire, 282319; dam, 659823.	6 dams-------	14	7,382	5.0	369
Herd Owner, Harper McCulloch, Newville.	Difference---	(3-4-5)	+1,070	-.1	+46
COLDSPRING'S HARDWICK FLASH 326427	6 daughters--	8	7,566	4.9	368
Born, 3-27-42; proved, 1-25-50;----; Pa.	5 daughters--	6	7,467	4.9	366
Sire, 207097; dam, 544172.	5 dams-------	21	8,710	5.1	442
Herd Owner, J. H. Ferree, Mackeyville.	Difference---	(2-2-0)	-1,243	-.2	-76
CORONATION PHARAOH 212818	11 daughters-	21	8,505	4.8	412
Born, 8-24-33; proved, 1-20-50;----; Ind.	5 daughters--	13	9,288	4.7	[illegible]
Sire, 125281; dam, 283999.	5 dams-------	10	8,893	4.8	426
Herd Owner, Ernest Martin, Goshen.	Difference---	(4-3-2)	+395	-.1	+10
CORSICAN'S MONARCH 290727	5 daughters--	8	6,768	5.3	356
Born, 3-17-40; proved, 1-27-50;----; Pa.	5 dams-------	20	7,510	5.1	379
Sire, 187311; dam, 457047.	Difference---	(2-4-2)	-742	+.2	-23
Herd Owner, Clyde L. Moore, Slippery Rock.					
COUNTY SQUIRE'S SELECT 318026	13 daughters-	13	9,533	4.8	455
Born, 1-18-41; proved, 1-18-50;----; Conn.	8 daughters--	8	9,545	4.6	443
Sire, [illegible]; dam, 553482.	8 dams-------	22	8,128	4.9	402
Herd Owner, Housatonic Farms, Inc., Southbury.	Difference---	(7-2-6)	+1,417	-.3	+41
COWAN FARM'S NOAH'S BOZO 324588	9 daughters--	9	9,384	4.9	461
Born, 10-25-42; proved, 1-30-50;----; Wis.	8 daughters--	8	9,044	4.9	447
Sire, 206674; dam, 567603.	8 dams-------	[illegible]	8,004	5.2	415
Herd Owner, Newton Pearson, River Falls.	Difference---	(7-3-5)	+1,040	-.3	[illegible]
[illegible] HILL [illegible]	12 daughters-	12	6,482	4.4	[illegible]
Born, 7-7-42; proved, 1-25-50;----; Ohio.	6 daughters--	6	6,670	[illegible]	[illegible]
[illegible]	6 dams-------	[illegible]	[illegible]	4.4	[illegible]
Herd Owner, Gebhart Brothers, Germantown.	Difference---	(4-3-4)	+1,398	-.1	+52

GUERNSEY SIRES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Number	Number	Pounds	[illegible]	Pounds
DAWN'S LADOCK 337861	6 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Born, 1-1-43; proved, 1-20-50;----; Wis.	5 daughters--	[illegible]	[illegible]	[illegible]	504
Sire, 180889; dam, [illegible]	[illegible] dams--	[illegible]	8,661	4.6	397
Herd Owner, Frank in Patrick Ribs, New Richmond.	Difference--	[illegible]	+921	[illegible]	+107
DONNA'S DUKE OF CREEKVIEW [illegible]	5 daughters--		6,149	4.8	[illegible]
Born, 4-1-36; proved, 1-[illegible]-50;----; Maine.	[illegible] dams--		9,295	4.9	451
Sire, [illegible]; dam, [illegible].	Difference---	[illegible]	-3,146	-.1	[illegible]
Herd Owner, Woolworth Farms, Winthrop.					
FOREMOST IMPROVER 212938	11 daughters-	[illegible]	8,501	4.6	[illegible]
Born, 11-9-32; proved, 1-16-50;----; N. Y.	5 daughters--	11	8,880	4.7	[illegible]
Sire, 159266; dam, 314134.	[illegible] dams--	7	8,698	4.9	428
Herd Owner, Sidney W. Thomas, Gorham.	Difference---	([illegible]-2-3)	+182	-.2	-13
FRITZLYN NINOVAN WALDO 291199	15 daughters-	[illegible]	6,262	5.1	320
Born, 7-21-40; proved, 1-31-50;----; Va.	8 daughters--	14	6,645	[illegible]	[illegible]
Sire, 229940; dam, 522387.	8 dams--	[illegible]	6,291	5.1	[illegible]
Herd Owner, Ninovan Farms, Gordonsville.	Difference---	(3-5-4)	[illegible]	+.2	+28
GLEN OF MERCER [illegible]174	7 daughters--	9	8,614	4.9	421
Born, 10-8-41; proved, 1-25-50;----; N. J.	5 daughters--	7	8,143	4.8	389
Sire, 233903; dam, 468454.	[illegible] dams--	[illegible]	8,285	4.6	385
Herd Owner, Conover's Guernsey Dairy, Hightstown.	Difference---	(2-4-3)	-142	+.2	+4
GLENWILD VICTORY [illegible]976	5 daughters--	7	6,223	4.8	[illegible]
Born, 1-1-42; proved, 1-25-50;----; Wis.	[illegible] dams--	11	6,621	4.9	326
Sire, 224915; dam, 558874.	Difference---	(2-2-2)	[illegible]	-.1	-25
Used in Tri-State Co-op. A. B. A.					
GREEN RED ROSE'S ABE 315121	10 daughters-	14	9,265	5.0	461
Born, 1-4-42; proved, 1-27-50;----; Va.	9 daughters--	12	[illegible]	4.9	451
Sire, 229149; dam, 318449.	9 dams--	33	8,599	4.7	408
Herd Owner, W. T. Doosing Estate, Shawsville.	Difference---	(6-7-6)	+533	+.2	[illegible]
GUERWYN TARZAN 317984	10 daughters-	12	6,984	4.9	[illegible]
Born, 7-31-41; proved, 1-30-50;----; Wis.	9 daughters--	11	6,863	5.0	341
Sire, 210061; dam, 295161.	9 dams--	33	7,704	4.9	375
Herd Owner, Ralph Katner, Hudson.	Difference---	(3-4-3)	-841	+.1	[illegible]
HEARTWOOD OF PRIMROSE 310660	8 daughters--	12	6,948	[illegible]	355
Born, 7-14-41; proved, 1-13-50;----; Mich.	7 daughters--	11	6,857	5.1	[illegible]
Sire, 248498; dam, 405096.	7 dams--	[illegible]	7,668	4.5	[illegible]
Herd Owner, C. L. Johnson, Blissfield.	Difference---	(2-5-4)	-811	+.6	-2
IDAGEM TRUMAN'S PAL 324013	16 daughters-	22	8,366	4.7	[illegible]
Born, 7-20-41; proved, 1-25-50;----; Idaho.	7 daughters--	11	8,4[illegible]9	4.7	400
Sire, 271710; dam, 636307.	7 dams--	12	[illegible]942	4.7	[illegible]
Herd Owner, Glen O. Parsons, Hagerman.	Difference---	(7-3-7)	+1,497	.0	[illegible]
KADOCKADEE DINMONT 262045	10 daughters-	16	6,915	4.9	340
Born, 1-13-38; proved, 1-25-50;----; N. H.	9 daughters--	14	6,779	4.8	[illegible]
Sire, 255834; dam, 453610.	9 dams--	[illegible]	7,260	4.9	353
Herd Owner, Summit Farms, Concord.	Difference---	(3-5-3)	-481	-.1	-27
KENILWORTH OLIVIA'S RICHARD 325181	6 daughters--	7	9,731	4.8	465
Born, 12-19-41; proved, 1-24-50;----; Va.	5 daughters--	6	9,905	4.8	[illegible]
Sire, 267967; dam, 488537.	5 dams--	12	9,820	4.8	[illegible]
Herd Owner, Mason F. Smith, Jr., Herndon.	Difference---	(2-1-1)	+85	.0	-2
LANGWATER CHARMER 254705	11 daughters-	18	7,795	[illegible]	353
Born, 5-1-37; proved, 1-16-50; dead; Va.	5 daughters--	7	8,995	4.4	[illegible]
Sire, 200171; dam, 373696.	[illegible] dams--	[illegible]	8,766	[illegible]	[illegible]
Herd Owner, A. Mistr & Sons, Richmond.	Difference---	(2-0-2)	+229	-.5	-39
LOCKSHORE YUCAN 326032	6 daughters--	8	6,294	5.1	322
Born, 11-24-42; proved, 1-24-50;----; Mich.	5 daughters--	7	6,566	5.1	[illegible]
Sire, 276217; dam, 625356.	5 dams--	9	8,413	[illegible]	[illegible]
Herd Owner, Joseph K. Barnes, Otsego.	Difference---	(0-2-0)	-1,847	-.2	-108
LURBAN VICTORY 330066	9 daughters--	[illegible]	8,041	4.9	[illegible]
Born, 3-15-42; proved, 1-27-50;----; Wis.	5 daughters--	8	7,332	5.0	[illegible]
Sire, 211131; dam, 408858.	[illegible] dams--	9	8,071	4.9	399
Herd Owner, C. H. Kuhtz & Son, Waukesha.	Difference---	(2-2-2)	-739	+.1	-32
MARBERT PRINCE ELECTOR 318121	13 daughters-	[illegible]	8,402	4.8	407
Born, 11-28-41; proved, 1-27-50;----; Va.	6 daughters--	7	8,408	4.8	402
Sire, 252526; dam, 385850.	[illegible] dams--	8	9,616	4.6	[illegible]
Herd Owner, J. F. Hale & Son, Nokesville.	Difference---	(2-5-3)	-1,208	+.2	-42
MASTERFUL'S MASTER OF HILLSIDE 304940	17 daughters-	[illegible]	[illegible]	[illegible]	[illegible]
Born, 7-16-41; proved, 1-20-50;----; Pa.	10 daughters-	12	[illegible]	5.0	375
Sire, 207765; dam, 549473.	10 dams--	18	7,403	4.9	364
Herd Owner, Wood Homestead Farms, Milan.	Difference---	(5-7-4)	+107	+.1	+11

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
MCDONALD FARMS ELMER 288789 *12	19 daughters	35	7,281	5.0	367
Born, 11-6-39; proved, 1-13-50; dead; Pa.	16 daughters	32	7,382	5.1	375
Sire, 233983; dam, 455548.	16 dams	54	7,869	4.8	378
Herd Owner, Norman Carter, Montrose.	Difference	(6-12-7)	-487	+.3	-3
MCDONALD FARMS FREEMAN 327927	9 daughters	11	8,535	4.8	407
Born, 6-19-40; proved, 1-26-50; ----; Ohio.	7 daughters	8	8,779	4.7	414
Sire, 262516; dam, 638744.	7 dams	25	8,876	4.7	414
Herd Owner, Dr. Charles P. Adkins, Coldwater.	Difference	(4-3-3)	-97	.0	0
MCDONALD FARMS HUSTLER 325281	6 daughters	7	7,970	4.5	359
Born, 7-9-42; proved, 1-24-50; ----; Md.	6 dams	16	6,910	4.4	301
Sire, 233983; dam, 545530.	Difference	(5-3-4)	+1,060	+.1	+58
Herd Owner, J. Herbert Snyder, Union Bridge.					
MOBJACK GOVERNOR 324517	7 daughters	9	8,535	4.9	420
Born, 12-28-41; proved, 1-24-50; ----; Va.	5 daughters	6	8,290	4.9	406
Sire, 199862; dam, 608182.	5 dams	14	7,762	4.5	350
Herd Owner, William T. Piggott, Purcellville.	Difference	(2-4-4)	+528	+.4	+56
MOUND CITY LENORA'S MONARCH 280695 *12	21 daughters	56	6,593	5.0	331
Born, 3-21-39; proved, 1-17-50; dead; Wis.	10 daughters	24	6,751	5.2	351
Sire, 245044; dam, 507765.	10 dams	37	6,506	5.0	323
Herd Owner, Magnus E. Oynes, Galesville.	Difference	(5-6-5)	+245	+.2	+28
MULHOCAWAY BUTTERFAT MIDAS 293593	7 daughters	10	8,326	4.7	391
Born, 10-19-40; proved, 1-16-50; ----; Ill.	5 daughters	8	8,572	4.7	401
Sire, 192478; dam, 350846.	5 dams	16	7,787	5.3	410
Used in Shelby Co. A. B. A.	Difference	(3-1-2)	+785	-.6	-9
PENN VILLA'S PORTRAIT 281853	8 daughters	11	7,509	4.9	366
Born, 7-29-39; proved, 1-24-50; ----; Pa.	7 daughters	10	7,599	4.9	369
Sire, 245209; dam, 404024.	7 dams	38	8,525	4.7	400
Used in Western Pennsylvania Co-op. A. B. A.	Difference	(1-5-3)	-926	+.2	-31
QUAIL ROOST BRIGHT LAD 327480	9 daughters	11	7,808	4.8	373
Born, 12-3-42; proved, 1-30-50; ----; Va.	7 daughters	9	7,954	4.8	385
Sire, 279740; dam, 426130.	7 dams	26	7,767	4.8	376
Herd Owner, George W. Palmer, Green Bay.	Difference	(3-3-3)	+187	.0	+9
QUAIL ROOST CROWN PRINCE 270199	21 daughters	22	7,842	5.3	418
Born, 1-24-39; proved, 1-31-50; ----; N. C.	10 daughters	11	7,847	5.5	435
Sire, 209991; dam, 524866.	10 dams	12	8,122	5.0	404
Herd Owner, Croasdaile Farm, Durham.	Difference	(4-9-6)	-275	+.5	+31
REDTOP OF SPRINGDALE 293312	15 daughters	22	7,613	4.9	375
Born, 8-31-40; proved, 1-23-50; ----; Vt.	12 daughters	16	7,414	5.0	372
Sire, 249686; dam, 427188.	12 dams	48	9,042	4.1	374
Herd Owner, Shelburne Farms, Shelburne.	Difference	(1-11-7)	-1,628	+.9	-2
REVILO PRESERVER 329481	5 daughters	7	5,946	4.5	268
Born, 11-25-42; proved, 1-24-50; ----; Wash.	5 dams	14	7,802	4.7	364
Sire, 273159; dam, 652421.	Difference	(1-1-0)	-1,856	-.2	-96
Herd Owner, A. M. Sterrenburg, Tacoma.					
SHORELAND MEADOW LAD 246645	9 daughters	11	7,269	4.8	349
Born, 11-16-35; proved, 1-25-50; ----; Wis.	9 dams	27	7,800	4.8	376
Sire, 217016; dam, 219677.	Difference	(4-6-4)	-531	.0	-27
Used in East Central Co-op. A. B. A.					
SILVER FOREST MAY ROYAL 327032	7 daughters	9	11,179	5.1	568
Born, 7-2-42; proved, 1-27-50; ----; Wash.	6 daughters	7	11,214	5.1	567
Sire, 282709; dam, 535291.	6 dams	30	11,529	4.8	549
Herd Owner, Friedrichs Brothers, Bow.	Difference	(2-4-3)	-315	+.3	+18
TOM OF TAMARACK RIDGE 317009	7 daughters	8	8,933	5.3	470
Born, 5-3-42; proved, 1-25-50; ----; Mich.	7 dams	15	8,496	5.1	432
Sire, 297876; dam, 501475.	Difference	(3-5-4)	+437	+.2	+38
Herd Owner, Fred C. Gleason & Son, Sodus.					
TUMBLEDOWN SUNNYSIDE 330088	7 daughters	10	9,001	4.7	426
Born, 8-10-41; proved, 1-27-50; ----; N. Y.	6 daughters	8	9,126	4.6	424
Sire, 302791; dam, 324881.	6 dams	11	9,163	4.8	437
Herd Owner, Alvin Hilfiker, Holley.	Difference	(3-2-3)	-37	-.2	-13
VALLEY GEM COLUMBUS 310043	13 daughters	14	6,751	5.0	338
Born, 6-29-41; proved, 1-20-50; ----; Wash.	10 daughters	11	6,554	4.9	323
Sire, 198293; dam, 341145.	10 dams	37	9,019	5.3	481
Herd Owner, John Hallin, Mt. Vernon.	Difference	(4-4-1)	-2,465	-.4	-158
WETHERSFIELD MOONSTONE 303183	12 daughters	13	7,586	5.0	380
Born, 8-5-40; proved, 1-13-50; ----; N. H.	9 daughters	10	7,369	5.1	372
Sire, 215967; dam, 544260.	9 dams	16	5,478	4.7	259
Herd Owner, W. W. Walker, Laconia.	Difference	(8-8-8)	+1,891	+.4	+113

GUERNSEY SIRES	Animals	Number averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
WEY ACRES DONALD'S AUBERT 256590----------	16 daughters-	36	7,772	5.1	395
Born, 4-11-37; proved, 1-27-50;----; Wis.	14 daughters--	14	8,598	5.1	439
Sire, 209349; dam, 349664.	6 dams-------	11	7,532	5.0	379
Herd Owner, A. Portz & Sons, Waukesha.	Difference---	(5-4-6)	+1,066	+.1	+56
WOODSIDE HALL COLONEL 251758----------	8 daughters--	14	8,456	4.8	403
Born, 1-26-37; proved, 1-30-50;----; Va.	5 daughters--	9	8,785	4.7	413
Sire, 222322; dam, 458225.	5 dams-------	12	7,439	4.5	332
Herd Owner, Mrs. G. E. Fisher & Sons, Gordonsville.	Difference---	(4-4-4)	+1,346	+.2	+81

HOLSTEIN SIRES

ADMIRAL BEAUTY LASS DELL 3D 820516----------	14 daughters-	33	11,419	3.6	395
Born, 10-19-40; proved, 1-26-50;----; Ill.	14 dams------	76	10,339	3.4	346
Sire, 760180; dam, 2034777.	Difference---	(10-9-10)	+1,080	+.1	+49
Herd Owner, Elgin State Hospital, Elgin.					
ADMIRAL FOBES OF WONDERMERE 742236----------	55 daughters-	169	8,716	3.5	307
Born, 7-17-36; proved, 1-26-50;----; Ill.	24 daughters-	68	8,879	3.5	311
Sire, 456332; dam, 1345409.	24 dams------	124	10,685	3.3	357
Herd Owner, Illinois Soldiers & Sailors Home, Quincy.	Difference---	(5-20-8)	-1,806	+.2	-46
ADMIRAL HALVOR 894105----------	5 daughters--	6	7,157	3.5	252
Born, 2-28-43; proved, 1-30-50;----; Wis.	5 dams-------	21	9,937	3.3	330
Sire, 842073; dam, 1813943.	Difference---	(0-5-0)	-2,780	+.2	-78
Herd Owner, Gerald Swenson, Blue Mounds.					
ALFALFALAND COMMANDER COLANTHA 881481----------	5 daughters--	5	11,178	3.3	368
Born, 3-6-43; proved, 1-13-50;----; N. Y.	5 dams-------	8	12,626	3.3	416
Sire, 767230; dam, 2302750.	Difference---	(1-4-1)	-1,448	.0	-48
Herd Owner, Edward T. Wilson, Oriskany Falls.					
ALJOAN CARNATION DIRECTOR 809640----------	16 daughters-	32	10,840	3.5	376
Born, 11-14-39; proved, 1-26-50;----; Ill.	16 dams------	57	10,307	3.6	369
Sire, 748645; dam, 1928849.	Difference---	(10-9-10)	+533	-.1	+7
Herd Owner, Dixon State Hospital, Dixon.					
ARROW NANCY DESIGN 899134----------	12 daughters-	15	12,541	3.9	483
Born, 10-18-43; proved, 1-16-50;----; Iowa.	11 daughters-	14	12,734	3.8	490
Sire, 845699; dam, 2066458.	11 dams------	35	11,945	3.7	437
Herd Owner, H. F. Rechkemmer & Sons, Oelwein.	Difference---	(6-7-7)	+789	+.1	+53
BAIRDLEA DUNLOGGIN KENSIT 865941----------	5 daughters--	6	10,440	3.5	367
Born, 11-23-42; proved, 1-24-50;----; N. Y.	5 dams-------	29	12,039	3.4	414
Sire, 738112; dam, 2070549.	Difference---	(1-4-1)	-1,599	+.1	-47
Herd Owner, Charles F. Johnson, Chester.					
BELLEVUE ZANE ORMSBY BONHEUR 875584----------	6 daughters--	6	12,679	3.5	444
Born, 10-10-42; proved, 1-13-50;----; Md.	6 dams-------	19	10,912	3.5	384
Sire, 759630; dam, 1809280.	Difference---	(5-3-6)	+1,767	.0	+60
Herd Owner, Holly Hall Dairy Farms, Elkton.					
BIGELOW FARM SENSATION ROSA LAD 866029----------	5 daughters--	8	12,114	3.4	417
Born, 11-24-42; proved, 1-24-50;----; N. H.	5 dams-------	14	12,091	3.2	392
Sire, 792099; dam, 1885607.	Difference---	(3-3-4)	+23	+.2	+25
Herd Owner, Stephen L. Underhill, Haverhill.					
BOSCAWEN HARTOG MAJOR 850228----------	12 daughters-	14	11,839	3.9	463
Born, 6-28-42; proved, 1-23-50;----; N. H.	9 daughters--	10	12,383	3.9	479
Sire, 814130; dam, 2199967.	9 dams-------	25	11,778	3.7	433
Herd Owner, J. Ralph Graham, Jr., Boscawen.	Difference---	(7-7-7)	+605	+.2	+46
CARNATION DUPLICATOR 863783----------	8 daughters--	10	10,083	3.5	358
Born, 9-22-42; proved, 1-30-50;----; Minn.	7 daughters--	9	10,333	3.6	369
Sire, 771562; dam, 2102340.	7 dams-------	34	10,961	3.5	389
Herd Owner, Josten & Froehlich, Owatonna.	Difference---	(2-5-4)	-628	+.1	-20
CARNATION EMPEROR (TWIN) 671030----------	43 daughters-	101	12,434	3.6	450
Born, 9-14-32; proved, 1-16-50;----; Del.	5 daughters--	17	12,315	3.8	464
Sire, 629472; dam, 1203409.	5 dams-------	8	14,251	3.9	552
Herd Owner, Tull Brothers, Seaford.	Difference---	(2-2-2)	-1,936	-.1	-88
CARNATION IMPERIAL RESOLUTE 878276----------	16 daughters-	16	13,163	3.3	435
Born, 4-30-43; proved, 1-30-50;----; Minn.	7 daughters--	7	13,548	3.5	468
Sire, 698462; dam, 1639660.	7 dams-------	9	11,603	3.3	385
Herd Owner, W. G. Kahlert, Nerstrand.	Difference---	(4-5-4)	+1,945	+.2	+83
CARNATION MADCAP MARSHALL 903191----------	11 daughters-	11	15,504	3.6	553
Born, 11-14-43; proved, 1-23-50;----; Kans.	11 dams------	17	14,122	3.4	475
Sire, 629472; dam, 1077909.	Difference---	(8-7-9)	+1,382	+.2	+78
Used in Evergreen A. B. A., Wash.					

HOLSTEIN SIRES	[illegible]	[illegible] averaged	Milk	Test	[illegible]
	[illegible]	[illegible]	[illegible]	Percent	Points
CARNATION ORMSBY RENOWN (TWIN) 8[illegible]	[illegible] daughters-	18	14,973	3.7	[illegible]
Born, 1-21-42; proved, 1-18-50;----; Wash.	[illegible] daughters-	16	15,408	3.7	[illegible]
[illegible]	[illegible] dams-------	39	12,912	3.7	476
Herd Owner, [illegible] Harrison, Bremerton.	Difference---	(10-7-10)	+2,496	.0	+95
CARNATION PONTIAC PERFECTION 780768----------	14 daughters-	30	9,040	3.6	327
Born, 5-4-39; proved, 1-16-50;----; Ill.	7 daughters--	23	9,077	3.6	325
Sire, [illegible]; dam, 120[illegible]8.	[illegible] dams-------	19	9,403	3.7	346
Herd Owner, Jacksonville State Hospital, Jacksonville.	Difference---	(5-3-3)	-326	-.1	-21
CARNATION PONTIAC RENOWN 863793----------	8 daughters--	14	8,050	3.5	279
Born, 11-4-42; proved, 1-19-50;----; Oreg.	6 daughters--	11	7,734	3.5	271
Sire, 771562; dam, 1771860.	6 dams-------	13	9,023	3.1	282
Herd Owner, C. R. Evans, Halsey.	Difference---	(2-6-3)	-1,289	+.4	-11
CARNATION SPOFFORD DUPLICATOR 863801----------	6 daughters--	9	10,457	3.6	376
Born, 11-23-42; proved, 1-20-50;----; Minn.	5 daughters--	7	10,303	3.5	364
Sire, 698462; dam, 2153497.	5 dams-------	17	9,674	3.6	349
Herd Owner, Highpath Farms, Excelsior.	Difference---	(3-2-2)	+629	-.1	+15
CARNATION VICTORY BOND 863804----------	7 daughters--	7	12,454	3.6	448
Born, 11-26-42; proved, 1-27-50;----; Ill.	7 dams-------	32	12,071	3.3	402
Sire, 771562; dam, 1639661.	Difference---	(4-7-5)	+383	+.3	+46
Herd Owner, State Training School for Boys, St. Charles.					
CASCADER PRIDE ORMSBY ADMIRAL 789415----------	6 daughters--	15	10,858	3.4	373
Born, 12-22-38; proved, 1-26-50;----; Ill.	5 daughters--	13	11,669	3.4	395
Sire, 730072; dam, 1780755.	5 dams-------	24	12,159	3.4	409
Herd Owner, Lincoln State School & Colony, Lincoln.	Difference---	(2-2-2)	-490	.0	-14
CEDAR PARK BARTA PRILLY 881649----------	7 daughters--	8	11,514	3.6	409
Born, 2-16-43; proved, 1-27-50;----; Wis.	7 dams-------	20	10,509	3.5	373
Sire, 835105; dam, 2048486.	Difference---	(5-5-5)	+1,005	+.1	+36
Herd Owner, Wallace Bayley, Lake Beulah.					
CHEROKEE KING DELIGHT 894817----------	5 daughters--	5	12,876	3.5	448
Born, 11-18-43; proved, 1-30-50;----; Iowa.	5 dams-------	12	10,274	3.4	353
Sire, 805299; dam, 1725976.	Difference---	(5-4-4)	+2,602	+.1	+95
Herd Owner, Glenwood State School, Glenwood.					
CHIEF FOBES BLACK HAWK 805608----------	12 daughters-	23	10,627	3.3	347
Born, 7-25-40; proved, 1-17-50;----; Ill.	8 daughters--	15	9,757	3.3	318
Sire, 750783; dam, 1634034.	8 dams-------	31	11,343	3.4	391
Herd Owner, Illinois State Penitentiary, Menard.	Difference---	(1-2-1)	-1,586	-.1	-73
CLARIDGE STAR MONOGRAM 830439----------	6 daughters--	7	12,974	3.8	487
Born, 7-29-41; proved, 1-27-50;----; N. Y.	5 daughters--	6	13,461	3.7	500
Sire, 746482; dam, 1656158.	5 dams-------	22	11,844	3.7	439
Herd Owner, Clarence E. Eldridge, Pine Plains.	Difference---	(4-2-3)	+1,617	.0	+61
CLARKDALE MASTER INKA GREAT (TWIN) 851642----------	9 daughters--	11	9,439	3.7	348
Born, 4-28-42; proved, 1-18-50;----; Ill.	7 daughters--	9	9,958	3.8	374
Sire, 784129; dam, 2037992.	7 dams-------	32	12,475	3.6	452
Herd Owner, State Training School for Boys, St. Charles.	Difference---	(1-5-1)	-2,517	+.2	-78
CLOVER LAWN ORMSBY ADMIRAL 884249----------	8 daughters--	8	13,496	3.7	500
Born, 5-10-43; proved, 1-16-50;----; Wis.	8 dams-------	25	11,946	3.8	450
Sire, 676723; dam, 1937887.	Difference---	(6-4-6)	+1,550	-.1	+50
Herd Owner, Arthur Puls, Allenton.					
CLOVER LAWN ORMSBY SIR WAYNE 879353----------	6 daughters--	6	10,498	3.3	345
Born, 3-28-43; proved, 1-18-50;----; Wis.	6 dams-------	23	11,297	3.5	394
Sire, 830640; dam, 2118431.	Difference---	(2-2-1)	-799	-.2	-49
Herd Owner, Kenneth Helms, Grafton.					
COLANTHA LAD ABBEKERK 783984----------	28 daughters-	69	11,561	3.6	414
Born, 1-21-39; proved, 1-26-50;----; Ill.	27 daughters-	65	11,587	3.6	415
Sire, 757566; dam, 1525227.	27 dams------	117	12,109	3.5	426
Herd Owner, Illinois State Penitentiary, Pontiac.	Difference---	(12-17-13)	-522	+.1	-11
COLANTHA RAG APPLE MERCEDES LAD 779322----------	31 daughters-	71	9,225	3.6	329
Born, 9-1-38; proved, 1-26-50;----; Ill.	18 daughters-	41	9,237	3.5	322
Sire, 757566; dam, 1525221.	18 dams------	68	9,243	3.4	318
Herd Owner, Illinois Soldiers & Sailors Home, Quincy.	Difference---	(8-12-7)	-6	+.1	+4
COMMANDER OF SMITHLAND 861816----------	7 daughters--	7	10,957	3.5	381
Born, 9-18-42; proved, 1-18-50;----; N. H.	6 daughters--	6	11,515	3.4	397
Sire, 767230; dam, 2040368.	6 dams-------	14	11,383	3.4	385
Herd Owner, Leverett Griswold, Claremont.	Difference---	(4-6-4)	+132	.0	+12
CORRECTION SENSATION HOMESTEAD 896118----------	5 daughters--	5	11,474	3.5	403
Born, 8-13-43; proved, 1-30-50;----; Wis.	5 dams-------	11	12,726	3.3	417
Sire, 828006; dam, 1724974.	Difference---	(1-5-2)	-1,252	+.2	-14
Herd Owner, Wilbert E. Suemnicht, Waldo.					

HOLSTEIN FRIES					
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Born, [illegible]-43; proved, 1-18-50;----; Minn.	1[illegible] daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Sire, 84[illegible]; dam, 186[illegible].	1[illegible] dams-------	35	[illegible]	[illegible]	[illegible]
Herd Owner, Seldon Brothers, Silverwood.	Difference---	(4-8-6)	-596	+.1	-11
DIX SIR WALLIS HOMESTEAD 86[illegible]	8 daughters--	1[illegible]	10,799	3.3	361
Born, 11-3-41; proved, 1-18-50;----; Minn.	5 daughters--	8	10,850	[illegible]	358
Sire, 801[illegible]08; dam, 1[illegible]9650.	5 dams-------	6	10,395	[illegible]	368
Herd Owner, Russell T. Church, Minnesota City.	Difference---	(3-2-2)	+455	-.2	-10
DUKE PONTIAC HOMESTEAD STAR 887365	7 daughters--	8	9,138	3.6	[illegible]
Born, 10-[illegible]3-42; proved, 1-27-50;----; Pa.	6 daughters--	7	9,022	3.6	[illegible]
Sire, 800300; dam, 2270615.	6 dams-------	28	10,208	[illegible]	379
Herd Owner, Ralph Giles, Poyntelle.	Difference---	(1-2-1)	-1,186	-.1	-53
DUNLOGGIN C POSCH 809051	7 daughters--	10	10,795	3.6	[illegible]
Born, 9-29-40; proved, 1-18-50;----; Pa.	5 daughters--	7	10,189	3.6	364
Sire, 703318; dam, 1620348.	5 dams-------	8	8,093	[illegible]	[illegible]
Herd Owner, John N. Sander, Lancaster.	Difference---	(4-3-4)	+2,096	-.1	+69
DUNLOGGIN FON OLIVER 8[illegible]0592	6 daughters--	9	11,[illegible]	[illegible]	[illegible]
Born, 8-15-41; proved, 1-30-50;----; Md.	6 dams-------	24	12,696	3.4	436
Sire, 751640; dam, 1765382.	Difference---	(2-2-2)	-747	-.1	-40
Herd Owner, W. I. King, Gaithersburg.					
DUNLOGGIN MASTER ORMSBY TIDY 746336	80 daughters-	189	9,644	[illegible]	349
Born, 8-29-37; proved, 1-16-50;----; Ill.	29 daughters-	59	9,539	3.6	345
Sire, 667915; dam, 1204769.	29 dams---	130	11,354	[illegible]	382
Herd Owner, Jacksonville State Hospital, Jacksonville.	Difference---	(9-26-11)	-1,815	+.2	-37
DUNLOGGIN MASTER VAR 893151	7 daughters--	7	14,363	3.4	487
Born, 11-4-43; proved, 1-25-50;----; Ill.	7 dams-------	24	12,067	3.7	449
Sire, 855938; dam, 1897967.	Difference---	(6-0-4)	+2,296	-.3	+38
Herd Owner, Pondgate Farm, Dundee.					
EDGERIDGE ORMSBY DEAN 802505	10 daughters-	11	11,469	3.6	418
Born, 12-4-39; proved, 1-18-50;----; Mich.	7 daughters--	8	10,909	3.7	407
Sire, 760356; dam, 2014830.	7 dams-------	16	11,539	3.6	416
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(2-4-4)	-630	+.1	-9
ELLBANK MARATHON PRINCE 865443	6 daughters--	9	12,167	3.9	469
Born, 5-3-42; proved, 1-24-50;----; N. Y.	6 dams-------	17	11,958	3.4	401
Sire, 725627; dam, 1851052.	Difference---	(3-6-4)	+209	+.5	+68
Herd Owner, Jacob Hilpertshauser, Millerton.					
ELLBANK QUEEN SENSATION PRINCE 865779	9 daughters--	10	10,596	3.7	394
Born, 2-4-41; proved, 1-24-50;----; N. Y.	7 daughters--	7	10,751	3.6	391
Sire, 725627; dam, 1792218.	7 dams-------	11	10,596	3.5	370
Herd Owner, Nicholas G. Schaefer, Poughkeepsie.	Difference---	(4-5-4)	+155	+.1	+21
ELMA TIDY ABBEKERK OF HOWARD HOME 852410	16 daughters-	18	9,435	3.9	364
Born, 5-11-42; proved, 1-27-50;----; Ill.	9 daughters--	10	9,387	3.9	369
Sire, 771553; dam, 1855754.	9 dams-------	26	9,908	3.4	338
Herd Owner, Illinois Soldiers & Sailors Home, Quincy.	Difference---	(5-9-8)	-521	+.5	+31
FAIRVIEW MONTVIC CHIEFTAIN 22D 788977	20 daughters-	35	11,507	3.7	431
Born, 2-10-39; proved, 1-12-50; dead; N. Y.	8 daughters--	13	11,728	3.8	441
Sire, 695644; dam, 1972587.	8 dams-------	22	10,822	3.7	404
Herd Owner, Frank L. Ronas, Philadelphia.	Difference---	(5-5-5)	+906	+.1	+37
F B KING JOE 867937	9 daughters--	10	12,816	3.3	419
Born, 4-27-41; proved, 1-25-50;----; Pa.	7 daughters--	7	12,714	3.3	422
Sire, 125323 CHB; dam, 268482 CHB.	7 dams-------	25	14,808	3.5	520
Herd Owner, John C. Thompson & Sons, Newtown.	Difference---	(1-2-1)	-2,094	-.2	-98
F C A PRINCE COLANTHA 883020	5 daughters--	5	11,834	3.5	412
Born, 4-27-43; proved, 1-20-50;----; Wis.	5 dams-------	15	10,752	3.4	369
Sire, 816300; dam, 2174847.	Difference---	(3-3-3)	+1,082	+.1	+43
Herd Owner, Fond du Lac County Farm, Fond du Lac.					
FEMCO BESSIE MAY PIETERTJE 805095	27 daughters-	45	10,901	3.3	357
Born, 6-17-40; proved, 1-18-50;----; Ohio.	16 daughters-	28	10,842	3.3	357
Sire, 629473; dam, 1927392.	16 dams------	19	10,667	3.1	333
Herd Owner, Dr. G. W. Lies, Ft. Recovery.	Difference---	(9-14-9)	+175	+.2	+24
FOXHOME DANDY 812738	16 daughters-	27	12,287	3.6	436
Born, 11-28-40; proved, 1-26-50;----; Ill.	12 daughters-	18	11,910	3.6	429
Sire, 734516; dam, 1850834.	12 dams------	52	11,891	3.6	427
Herd Owner, State Training School for Boys, St. Charles.	Difference---	(7-7-7)	+19	.0	+2
FOXHOME SIR ADMIRAL MOOIE 806586	33 daughters-	74	10,953	3.5	389
Born, 5-24-40; proved, 1-17-50;----; Ill.	26 daughters-	59	11,062	3.6	395
Sire, 758914; dam, 2004372.	26 dams------	104	11,224	3.4	382
Herd Owner, Peoria State Hospital, Peoria.	Difference---	(11-22-13)	-162	+.2	+13

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
GARCO POSCH ORMSBY FOBES 876601	8 daughters	8	12,884	3.4	437
Born, 6-25-42; proved, 1-27-50;----; Ill.	8 dams	30	11,038	3.4	380
Sire, 755030; dam, 1775284.	Difference	(6-5-6)	+1,846	.0	+57
Herd Owner, Elgin State Hospital, Elgin.					
GEHMAN FARM ORMSBY WALKER 861962	8 daughters	12	12,540	3.7	469
Born, 9-18-41; proved, 1-16-50;----; Pa.	8 dams	45	13,560	3.7	497
Sire, 709959; dam, 1586834.	Difference	(1-6-3)	-1,020	.0	-28
Herd Owner, E. D. King, Coopersburg.					
GLENAFTON MONTVIC MARKSMAN 888511 *13	15 daughters	15	13,740	3.7	514
Born, 10-1-42; proved, 1-27-50;----; Pa.	13 daughters	13	14,004	3.8	531
Sire, 137532 CHB; dam, 471153 CHB.	13 dams	55	11,891	3.9	459
Herd Owner, Pennsylvania State College, State College.	Difference	(12-7-10)	+2,113	-.1	+72
GLEN EDEN DON ALEX 688799	37 daughters	99	10,079	3.6	361
Born, 1-12-33; proved, 1-26-50;----; Ill.	13 daughters	32	10,017	3.6	362
Sire, 504483; dam, 1280303.	13 dams	66	11,170	3.3	369
Herd Owner, Dixon State Hospital, Dixon.	Difference	(5-11-7)	-1,153	+.3	-7
GLEN EDEN SIR LANGLEYS 882430	7 daughters	8	12,925	3.6	462
Born, 10-1-42; proved, 1-24-50;----; Ill.	6 daughters	7	12,912	3.6	460
Sire, 823307; dam, 2078828.	6 dams	20	13,720	3.6	494
Herd Owner, Joe L. Walden, Penfield.	Difference	(3-3-3)	-808	.0	-34
GOVERNOR MADCAP PIEBE 884969	8 daughters	8	12,457	3.4	427
Born, 12-23-42; proved, 1-20-50;----; Ill.	7 daughters	7	12,362	3.4	424
Sire, 857094; dam, 1546029.	7 dams	25	10,573	3.4	363
Herd Owner, Peoria State Hospital, Peoria.	Difference	(6-5-6)	+1,789	.0	+61
HAYS JUNIPER DE KOL 851090	10 daughters	14	10,183	3.3	334
Born, 3-11-42; proved, 1-25-50;----; Wis.	8 daughters	12	9,633	3.3	322
Sire, 793756; dam, 2033424.	8 dams	14	9,692	3.5	340
Herd Owner, Morris Hemsing & Gene Garvoille, Stoughton.	Difference	(4-3-3)	-59	-.2	-18
HAWKEYE ORMSBY ALCARTRA FOBES 887664	9 daughters	11	11,694	3.8	440
Born, 2-27-43; proved, 1-27-50;----; Iowa.	5 daughters	6	12,150	3.7	445
Sire, 833968; dam, 1828454.	5 dams	11	12,589	3.4	433
Used in Palo Alto Co-op. A. B. A.	Difference	(2-4-3)	-439	+.3	+12
HERSHEY FAYNE ALCARTRA 861501	11 daughters	11	11,215	3.4	386
Born, 8-20-42; proved, 9-16-49; dead; Pa.	7 daughters	7	11,427	3.4	392
Sire, 784991; dam, 1939405.	7 dams	17	11,490	3.3	376
Herd Owner, Hershey Industrial School, Hershey.	Difference	(2-5-4)	-63	+.1	+16
HICKORY FIELDS SEGIS FAYNE 830753	9 daughters	11	12,690	3.8	487
Born, 8-18-41; proved, 1-30-50;----; N. Y.	7 daughters	8	12,280	3.8	470
Sire, 799545; dam, 1948045.	7 dams	20	11,045	3.5	389
Herd Owner, Ernest Wood, Wolcott.	Difference	(5-6-6)	+1,235	+.3	+81
HIGHLAND FORUM WANDA ORMSBY 851221	13 daughters	19	13,310	3.5	464
Born, 3-3-41; proved, 1-25-50;----; Wis.	9 daughters	14	12,948	3.6	460
Sire, 584723; dam, 1304296.	9 dams	21	11,256	3.5	391
Herd Owner, Carm Farms, Inc., Sheboygan Falls.	Difference	(9-4-9)	+1,692	+.1	+69
HIGHLAND MAN-O-WAR JACKY 875161	6 daughters	8	14,747	3.3	486
Born, 10-12-42; proved, 1-30-50;----; Minn.	5 daughters	7	14,631	3.3	486
Sire, 718921; dam, 1506018.	5 dams	7	12,781	3.4	433
Herd Owner, Martin Bode & Son, Nicollet.	Difference	(3-3-3)	+1,850	-.1	+53
HILLTOP HAVEN DINAH SKYLARK 811444	14 daughters	25	11,425	3.7	417
Born, 10-14-40; proved, 1-17-50;----; Ill.	12 daughters	21	11,554	3.6	416
Sire, 761312; dam, 1985122.	12 dams	35	11,499	3.4	389
Herd Owner, Illinois State Penitentiary, Joliet.	Difference	(7-10-6)	+55	+.2	+27
HOESLY JOE ORMSBY PRIDE 811468	28 daughters	59	10,376	3.6	374
Born, 3-31-40; proved, 1-26-50;----; Ill.	24 daughters	50	10,450	3.6	378
Sire, 682402; dam, 1801320.	24 dams	91	10,932	3.5	383
Herd Owner, East Moline State Hospital, East Moline.	Difference	(9-16-9)	-482	+.1	-5
HOWARD FARM RAG APPLE LAD 865575	11 daughters	15	13,527	3.6	483
Born, 1-22-43; proved, 1-27-50;----; Ill.	7 daughters	9	13,915	3.5	492
Sire, 772605; dam, 2070159.	7 dams	15	11,902	3.8	454
Herd Owner, J. Howard Swanzey & Dietmier, Ridott.	Difference	(5-2-4)	+2,013	-.3	+38
ILEHAMWOOD ORMSBY JOE 660272 *13	79 daughters	231	12,954	3.7	483
Born, 5-12-31; proved, 1-25-50; dead; Ill.	62 daughters	175	12,891	3.7	483
Sire, 374618; dam, 1010932.	62 dams	209	11,073	3.5	391
Herd Owner, Rolling Woods Farm, Elgin.	Difference	(51-58-54)	+1,818	+.2	+92
ILLINI BONHEUR MABEL CANARY 764369	11 daughters	29	13,019	3.5	456
Born, 9-25-38; proved, 1-26-50;----; Ill.	10 daughters	27	12,819	3.5	452
Sire, 666506; dam, 1560675.	10 dams	46	12,662	3.4	432
Herd Owner, Illinois State Penitentiary, Pontiac.	Difference	(6-8-5)	+157	+.1	+20

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ILLINI CANTOR LOTTIE FLOOD 80[illegible]018	14 daughters-	27	11,666	3.6	414
Born, 2-[illegible]4-40; proved, 1-12-50;----; Ill.	14 dams------	68	11,635	[illegible]	403
Sire, 76[illegible]378; dam, 1777483.	Difference---	(7-13-11)	[illegible]	+.1	+11
Herd Owner, Alton State Hospital, Alton.					
ILLINI FOBES BESS CANARY 748[illegible]	45 daughters-	115	11,003	3.6	393
Born, 11-13-37; proved, 1-17-50;----; Ill.	30 daughters-	[illegible]0	11,140	[illegible].6	397
Sire, 66[illegible]506; dam, 1[illegible]104.	30 dams------	119	11,714	[illegible]	409
Herd Owner, Illinois State Penitentiary, Joliet.	Difference---	(9-21-11)	-574	+.1	-12
ILLINI HOMESTEAD PIEBE ILLAFLOOD 8[illegible]904	23 daughters-	41	[illegible]	3.4	[illegible]95
Born, 5-23-41; proved, 1-17-50;----; Ill.	20 daughters-	[illegible]	11,656	[illegible].4	397
Sire, 765379; dam, 1711442.	20 dams------	61	12,196	[illegible].4	414
Herd Owner, Illinois State Penitentiary, Joliet.	Difference---	(8-12-9)	-540	.0	-17
ILLINI ILLADY FLOOD 782223	46 daughters-	110	10,979	3.4	376
Born, 6-22-39; proved, 1-26-50;----; Ill.	27 daughters-	62	11,070	3.4	[illegible]78
Sire, 765378; dam, 1524181.	27 dams------	121	10,510	[illegible].4	357
Herd Owner, Elgin State Hospital, Elgin.	Difference---	(17-14-18)	+560	.0	+21
ILLINI LONGFIELD FICIAL CANARY (TWIN) 721106	19 daughters-	78	11,443	3.4	388
Born, 2-23-36; proved, 1-26-50;----; Ill.	15 daughters-	54	11,[illegible]54	3.4	384
Sire, 666506; dam, 1232101.	15 dams------	68	10,954	3.4	373
Herd Owner, Lincoln State School & Colony, Lincoln.	Difference---	(6-8-6)	+400	.0	+11
ILLINI TRIPIETERTJE MABEL LAD 708504	39 daughters-	107	12,768	3.3	417
Born, 5-3-35; proved, 1-17-50;----; Ill.	10 daughters-	27	13,979	3.2	449
Sire, 621266; dam, 1345179.	10 dams------	42	11,682	3.5	403
Herd Owner, Illinois State Penitentiary, Joliet.	Difference---	(6-1-5)	+2,297	-.3	+46
ILLINI TRITOMIA AGNATE 744792	11 daughters-	41	11,756	3.5	414
Born, 7-17-37; proved, 1-17-50;----; Ill.	7 daughters--	28	11,400	3.5	402
Sire, 700089; dam, 1693029.	7 dams-------	24	11,381	3.5	398
Herd Owner, Illinois State Penitentiary, Joliet.	Difference---	(3-5-3)	+19	.0	+4
ILLINI TRITOMIA FLOOD 769245	18 daughters-	4[illegible]	9,625	3.4	323
Born, 11-18-38; proved, 1-16-50;----; Ill.	9 daughters--	18	9,572	3.4	328
Sire, 765378; dam, 1859960.	9 dams-------	47	10,548	3.4	362
Herd Owner, Jacksonville State Hospital, Jacksonville.	Difference---	(0-6-2)	-976	.0	-34
ILLINI TYCOON CANARY 713138	38 daughters-	1[illegible]8	10,604	3.5	372
Born, 6-9-35; proved, 1-26-50;----; Ill.	15 daughters-	54	10,725	3.5	373
Sire, 666506; dam, 1232103.	15 dams------	76	10,711	3.4	364
Herd Owner, East Moline State Hospital, East Moline.	Difference---	(7-10-8)	+14	+.1	+9
IMPERIAL PETUNIA PEERLESS 878568	7 daughters--	8	12,932	3.6	472
Born, 9-15-42; proved, 1-19-50;----; Minn.	7 dams-------	14	11,786	3.5	414
Sire, 754861; dam, 2039572.	Difference---	(4-6-5)	+1,146	+.1	+58
Herd Owner, Clarence M. Lind, Winthrop.					
INKA HEILO WALKER 861102	7 daughters--	9	14,343	3.7	532
Born, 9-3-42; proved, 1-18-50;----; Wash.	5 daughters--	7	14,466	3.7	531
Sire, 629472; dam, 2068733.	5 dams-------	9	12,042	3.4	404
Used in Northwest Co-op. A. B. A.	Difference---	(4-5-4)	+2,424	+.3	+127
INKA KING CARNATION GOVERNOR 883257	5 daughters--	5	13,397	3.7	493
Born, 4-8-43; proved, 1-23-50;----; N. J.	5 dams-------	15	13,097	3.7	482
Sire, 739013; dam, 1656481.	Difference---	(3-4-3)	+300	.0	+11
Herd Owner, Frank C. Pettit, Woodstown.					
INVINCIBLE PIETJE PONTIAC 868225	9 daughters--	10	14,064	3.6	504
Born, 9-21-42; proved, 1-27-50;----; Ohio.	7 daughters--	7	14,119	3.6	504
Sire, 738227; dam, 1764115.	7 dams-------	8	12,388	3.4	425
Herd Owner, Ralph Yaussey & Son, Marion.	Difference---	(5-6-6)	+1,731	+.2	+79
IONIA KING MASTERPIECE DESIGN 875032	8 daughters--	11	11,027	3.4	378
Born, 10-30-42; proved, 1-19-50;----; Mich.	5 daughters--	8	11,651	3.3	389
Sire, 795930; dam, 1868534.	5 dams-------	7	10,820	3.5	374
Herd Owner, Lloyd Ruesink & Son, Adrian.	Difference---	(3-2-3)	+831	-.2	+15
IONIA SIR MARATHON DESIGN 866196	11 daughters-	14	13,538	3.2	436
Born, 7-28-42; proved, 1-27-50;----; Mich.	8 daughters--	10	13,746	3.2	441
Sire, 795930; dam, 1931255.	8 dams-------	14	9,316	3.6	333
Herd Owner, Foster H. Hickey & Son, Fairgrove.	Difference---	(8-2-7)	+4,430	-.4	+108
IOWANA OLLIE BEAUTY BURKE 881340	5 daughters--	6	13,057	3.7	487
Born, 7-22-43; proved, 1-24-50;----; Minn.	5 dams-------	20	11,289	3.6	410
Sire, 769948; dam, 2244910.	Difference---	(4-4-5)	+1,768	+.1	+77
Herd Owner, Victor W. Calverley, Ellendale.					
KANOWA MERCEDES ORMSBY SEGIS 857759	19 daughters-	26	13,042	3.6	464
Born, 12-30-41; proved, 1-24-50;----; Calif.	16 daughters-	21	13,173	3.6	473
Sire, 717045; dam, 1847183.	16 dams------	77	12,795	3.8	482
Herd Owner, A. Verne Crowell, Turlock.	Difference---	(10-6-7)	+1[illegible]	.2	-9

HOLSTEIN SIRES	Animals	[illegible]	Milk	[illegible]	[illegible]
	Number	Number	Pounds	Percent	Pounds
KARIOLE COMMODORE 876104	5 daughters--	5	13,508	3.5	474
Born, 5-21-43; proved, 1-23-50;----; Ill.	5 dams-------	9	14,550	3.2	468
Sire, 746226; dam, 1549844.	Difference---	(2-5-3)	-1,042	+.3	+6
Herd Owner, Wesley A. Newman, Rockford.					
KARLSAN JOHANNA AAGGIE MAY 963367	11 daughters-	16	11,144	[illegible]	[illegible]
Born, 12-24-41; proved, 1-23-50;----; Iowa.	7 daughters--	10	10,325	3.9	406
Sire, 785100; dam, 2030187.	7 dams-------	19	11,365	3.7	[illegible]
Herd Owner, John Hark, Dysart.	Difference--	(3-4-3)	-1,040	+.2	[illegible]
KENILWORTH B O[illegible] 8[illegible]	7 daughters--	7	11,4[illegible]	3.6	417
Born, 6-26-4[illegible]; proved, 1-2[illegible]0;----; Mich.	7 dams-------	29	10,489	3.6	379
Sire, 704308; dam, [illegible]10[illegible]4.	Difference---	(5-6-5)	+953	.0	+38
Herd Owner, Frank H. Lessiter & Son, Lake Orion.					
KING BEAUTY ORMSBY PIFBE 724868	14 daughters-	47	11,032	3.4	372
Born, 11-26-35; proved, 1-17-50;----; Ill.	6 daughters--	22	11,363	3.4	387
Sire, 471178; dam, 1440756.	6 dams-------	18	12,153	3.2	390
Herd Owner, Illinois State Penitentiary, Menard.	Difference---	(3-4-3)	-790	+.2	-3
KING BESSIE CONCORDIA CREAMELLE 756523	7 daughters--	11	10,858	3.3	364
Born, 3-17-38; proved, 1-17-50;----; Ill.	6 daughters--	8	10,988	3.3	36[illegible]
Sire, 670545; dam, 1640025.	6 dams-------	19	11,686	3.3	385
Herd Owner, Illinois State Penitentiary, Menard.	Difference---	(2-4-1)	-698	.0	-22
KING BESSIE FOBES REBEL 776919	42 daughters-	112	10,386	3.5	[illegible]
Born, 10-17-38; proved, 1-25-50;----; Ill.	21 daughters-	52	10,272	3.6	367
Sire, 670545; dam, 1794336.	21 dams------	108	10,966	3.4	[illegible]
Herd Owner, East Moline State Hospital, East Moline.	Difference---	(5-17-9)	-694	+.2	-8
KING BESSIE PRINCE 752138	60 daughters-	158	10,510	3.7	389
Born, 12-25-37; proved, 1-26-50;----; Ill.	29 daughters-	76	10,758	3.6	393
Sire, 520107; dam, 1304857.	29 dams------	114	11,196	3.4	[illegible]
Herd Owner, Dixon State Hospital, Dixon.	Difference---	(12-26-17)	-438	+.2	+11
KING BURKE ORMSBY OF GORDON PINES 741686	61 daughters-	208	9,925	3.4	333
Born, 9-29-35; proved, 1-26-50;----; Ill.	16 daughters-	45	9,208	3.4	309
Sire, 665132; dam, 1366610.	16 dams------	87	9,410	3.4	320
Herd Owner, Elgin State Hospital, Elgin.	Difference---	(6-8-7)	-202	.0	-11
KING OF THE PEARLS 11TH 866362	8 daughters--	10	13,340	3.3	435
Born, 6-23-42; proved, 1-24-50; dead; Nebr.	7 daughters--	8	13,308	3.2	430
Sire, 786421; dam, 2089588.	7 dams-------	7	13,555	3.4	458
Herd Owner, Marion Condon, Aurora.	Difference---	(3-3-3)	-247	-.2	-28
KING ORMSBY CONFIDENT ETTA 88[illegible]8	11 daughters-	14	11,801	3.3	390
Born, 10-25-43; proved, 1-24-50;----; Minn.	11 dams------	53	10,492	3.4	359
Sire, 816896; dam, 1758438.	Difference---	(6-3-6)	+1,309	-.1	+31
Herd Owner, Lenzmeier Brothers, Shakopee.					
KNOLLWOOD POSCH CHIEFTAIN 8[illegible]	14 daughters-	15	10,332	3.6	368
Born, 8-26-43; proved, 1-30-50;----; Mass.	6 daughters--	6	10,156	3.6	364
Sire, 695631; dam, 2345151.	6 dams-------	6	11,530	3.6	412
Herd Owner, Albert M. Chapin, Sheffield.	Difference---	(3-4-1)	-1,374	.0	-48
KORNDYKE OLLIE ECHO MERCEDES 881205	8 daughters--	9	11,346	3.3	376
Born, 2-14-43; proved, 1-24-50;----; N. Y.	7 daughters--	8	11,319	3.4	381
Sire, 694019; dam, 1954234.	7 dams-------	13	11,724	3.3	389
Herd Owner, Harold B. Boshart, Lowville.	Difference---	(4-3-4)	-405	+.1	-8
LEOHOLT DESIGN FAY PAY (TWIN) 8[illegible]	9 daughters--	14	11,173	3.6	407
Born, 9-9-42; proved, 1-23-50;----; Kans.	5 daughters--	8	11,641	3.7	432
Sire, 769433; dam, 2145879.	5 dams-------	14	12,572	3.7	467
Herd Owner, Dr. W. H. Mott, Herington.	Difference---	(1-3-1)	-931	.0	-35
LIBERTY HILL CARNATION IMPERIAL 904896	9 daughters--	9	9,301	3.7	343
Born, 1-16-44; proved, 1-18-50;----; N. Y.	8 daughters--	8	9,258	3.7	341
Sire, 739007; dam, 1855529.	8 dams-------	17	9,188	3.4	308
Herd Owner, Raymond F. Sawyer, Watertown.	Difference---	(3-7-6)	+70	+.3	+33
LOGAN COLANTHA JOE 868592	6 daughters--	7	9,978	3.6	357
Born, 10-17-42; proved, 1-25-50;----; Ill.	5 daughters--	6	11,162	3.6	397
Sire, 820616; dam, 1751398.	5 dams-------	10	11,426	3.6	412
Herd Owner, Roy B. Anderson, Winnebago.	Difference---	(3-2-2)	-264	.0	-15
MAJESTY SEGIS BURKE 818779	6 daughters--	10	11,422	3.7	420
Born, 12-26-40; proved, 1-30-50;----; Minn.	5 daughters--	9	11,529	3.7	432
Sire, 771582; dam, 1518410.	5 dams-------	17	12,860	3.6	462
Herd Owner, J. W. Oleson, Madelia.	Difference---	(0-5-1)	-1,331	+.1	-30
MARQUETTE COLANTHA VALDESSA 881401	9 daughters--	10	10,081	3.4	339
Born, 5-3-43; proved, 1-24-50;----; Mich.	7 daughters--	8	10,120	3.4	343
Sire, 804642; dam, 2079610.	7 dams-------	18	11,000	3.3	365
Herd Owner, Huron County Farm, Bad Axe.	Difference---	(1-6-2)	-880	+.1	-22

[illegible]	[illegible]	averaged [illegible]	[illegible]	[illegible]	Fat [illegible]
M[illegible] OR[illegible] PE[illegible]	6 daughters-	1[illegible]	10,[illegible]	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]:----; Iowa.	5 daughters--	11	10,577	[illegible]	[illegible]
Sire, [illegible]	[illegible]	[illegible]	[illegible]	3.5	397
Herd Owner, [illegible].	Difference---	(2-4-1)	-865	+.1	-12
M[illegible]	5 daughters--	[illegible]	[illegible]	[illegible]	342
Born, [illegible], Mass.	5 dams------	16	[illegible]	[illegible]	358
Sire, [illegible]	Difference---	(2-2-2)	-477	.0	-16
Herd Owner, [illegible] B. Brown & Son, Pelham.					
M M LUDWIG PI[illegible]	5 daughters--	[illegible]	13,206	3.7	489
Born, 8-9-43; proved, 1-19-50;----; Iowa.	[illegible] dams-------	17	12,442	4.0	498
Sire, [illegible]; dam, [illegible].	Difference---	(2-1-2)	[illegible]	-.3	[illegible]
Herd Owner, Model Dairy Farm, Davenport.					
MONTVIC RAG APPLE SQUIRE [illegible]	13 daughters-	18	[illegible]	[illegible]	447
Born, 5-14-39; proved, 1-27-50;----; N. Y.	[illegible] daughters--	7	12,009	3.8	451
Sire, [illegible] CHB; dam, [illegible] CHB.	[illegible] dams-------	7	11,183	3.6	404
Herd Owner, Karolin & Eric Brock, Lawyersville.	Difference---	(3-5-4)	+826	+.2	+47
MOONLIT DALE POSCH SIR INKA 868083	5 daughters--	6	11,423	3.4	388
Born, 1-20-43; proved, 1-25-50;----; Wis.	5 dams-------	7	10,444	3.2	337
Sire, 651591; dam, [illegible].	Difference---	(4-4-3)	+979	+.2	+51
Herd Owner, Poser & Gaumitz, Fall River.					
MOOSEHEART ADMIRAL LASHBROOK [illegible]	30 daughters-	37	11,161	3.7	413
Born, 3-21-41; proved, 1-26-50;----; Ill.	17 daughters-	18	11,065	3.7	411
Sire, 779713; dam, 1942671.	17 dams------	64	11,247	3.6	399
Herd Owner, Anna State Hospital, Anna.	Difference---	(8-14-10)	-182	+.1	+12
MOOSEHEART EMPEROR TRITOMIA 746665	26 daughters-	74	11,608	3.4	[illegible]
Born, 9-6-37; proved, 1-17-50;----; Ill.	8 daughters--	18	12,641	3.2	407
Sire, 699449; dam, 1276017.	8 dams-------	30	10,594	[illegible]	[illegible]
Herd Owner, Illinois State Penitentiary, Menard.	Difference---	(7-2-7)	+2,047	-.1	+55
MOOSEHEART OLLIE MERCEDES DELLA 814351	13 daughters-	30	11,875	3.6	423
Born, 12-20-40; proved, 1-26-50;----; Ill.	11 daughters-	[illegible]	11,887	3.6	423
Sire, 770210; dam, 1782572.	11 dams------	47	11,669	3.4	393
Herd Owner, Lincoln State School & Colony, Lincoln.	Difference---	(6-9-8)	+218	+.2	+30
MOOSEHEART PRIDE AKKRUMMER 708377	69 daughters-	280	[illegible]	3.4	397
Born, 12-23-34; proved, 1-26-50;----; Ill.	46 daughters-	187	[illegible]	[illegible]	[illegible]
Sire, 680622; dam, 1508514.	46 dams------	[illegible]	[illegible]	3.4	[illegible]
Herd Owner, Lincoln State School & Colony, Lincoln.	Difference---	(32-24-31)	+950	.0	+29
MT JOSEPH MAJOR 779223	10 daughters-	17	10,727	3.5	[illegible]
Born, 10-31-38; proved, 1-25-50;----; Kans.	8 daughters--	13	[illegible]	[illegible]	[illegible]
Sire, 586462; dam, 1358127.	8 dams-------	15	7,688	3.3	251
Herd Owner, Wesley Nauerth, Riley.	Difference---	(6-4-6)	+3,522	+.1	+134
MT PLEASANT DICTATOR OLLIE FAYNE 885148	5 daughters--	5	10,473	[illegible]	364
Born, 7-29-42; proved, 1-24-50;----; Iowa.	5 dams-------	16	10,967	[illegible]	[illegible]
Sire, 740292; dam, [illegible].	Difference---	(2-4-3)	-494	+.2	-3
Herd Owner, Iowa Training School for Boys, Eldora.					
MUTUAL BURKE OF DRYAD 868261	6 daughters--	9	11,022	3.5	383
Born, 11-2-41; proved, 1-30-50;----; Wash.	5 daughters--	7	11,079	3.4	377
Sire, 761864; dam, 1859315.	5 dams-------	[illegible]	11,369	3.2	369
Herd Owner, Charles Crawford, Menlo.	Difference---	(2-5-2)	-290	+.2	+8
NEWMONT ORMSBY CHIEF 893550	5 daughters--	5	12,000	3.8	460
Born, 8-15-43; proved, 1-25-50;----; N. J.	5 dams-------	12	12,272	3.7	455
Sire, 675841; dam, 1726302.	Difference---	(3-4-3)	-272	+.1	+5
Used in Cooperative A. B. A. #1, Inc.					
OAK BEND MONTVIC BESSIE DUKE 868738	6 daughters--	6	15,052	3.7	560
Born, 12-8-42; proved, 1-27-50;----; Wis.	6 dams-------	23	14,410	3.5	504
Sire, 760346; dam, 1949441.	Difference---	(3-5-4)	+642	+.2	+56
Used in Tri-State Co-op. A. B. A.					
OAKMULGEE MATT H IKE ORMSBY 895931	6 daughters--	6	13,107	3.4	449
Born, 1-27-43; proved, 1-27-50;----; Va.	6 dams-------	20	14,251	3.8	543
Sire, 782791; dam, 1976280.	Difference---	(2-1-1)	-1,144	-.4	-94
Herd Owner, Charles Moyer, Mattoax.					
OLD MILL ORMSBY INKA PIEBE 808000	14 daughters-	23	10,865	3.5	380
Born, 8-9-40; proved, 1-26-50;----; Ill.	8 daughters--	14	11,806	3.4	399
Sire, 757308; dam, 1418195.	8 dams-------	38	11,178	3.4	380
Herd Owner, Anna State Hospital, Anna.	Difference---	(4-4-4)	+628	.0	+19
OSBORNDALE VICTOR ORMSBY MAY 782746	11 daughters-	20	9,868	3.5	346
Born, 3-24-39; proved, 1-12-50; dead; Nebr.	6 daughters--	10	9,594	3.4	[illegible]
Sire, 760642; dam, 1266168.	6 dams-------	[illegible]	10,852	3.7	405
Herd Owner, State Board of Control, Lincoln.	Difference---	(3-1-2)	-1,258	-.3	-75

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PABST SIR BESS ORMSBY ESTEEM 850589	12 daughters	23	13,126	3.4	451
Born, 4-19-42; proved, 1-25-50;----; Wis.	8 daughters	15	13,155	3.4	449
Sire, 790086; dam, 1532263.	8 dams	11	12,083	3.3	397
Herd Owner, Wisconsin Industrial School for Boys, Waukesha.	Difference	(5-6-6)	+1,072	+.1	+52
PAGANOK CHRISTMAS CAROL 792956	7 daughters	8	9,847	3.7	360
Born, 12-25-38; proved, 1-26-50;----; Mo.	6 daughters	7	9,507	3.6	341
Sire, 675653; dam, 1748056.	6 dams	16	10,798	3.3	357
Herd Owner, R. A. Langenbacker, St. Charles.	Difference	(3-5-3)	-1,291	+.3	-16
PAGANOK GINGERBREAD MAN 840670	13 daughters	16	12,410	3.8	478
Born, 1-19-42; proved, 1-24-50;----; Mo.	6 daughters	7	12,661	3.9	497
Sire, 764465; dam, 1612209.	6 dams	12	9,688	3.7	354
Herd Owner, Paganok Farms, Hannibal.	Difference	(5-5-5)	+2,973	+.2	+143
PAGANOK LUCKY ADMIRAL 884159	8 daughters	8	15,305	3.6	546
Born, 10-5-43; proved, 1-25-50;----; Ill.	6 daughters	6	14,662	3.5	519
Sire, 792960; dam, 2204686.	6 dams	12	13,633	3.6	486
Herd Owner, R. K. Hubbard, Urbana.	Difference	(4-2-3)	+1,029	-.1	+33
PAGANOK ORMSBY CHANCELLOR 779707	25 daughters	45	10,696	3.5	379
Born, 8-10-39; proved, 1-26-50;----; Ill.	19 daughters	34	10,626	3.5	369
Sire, 738749; dam, 1858840.	19 dams	89	12,239	3.5	423
Herd Owner, Lincoln State School & Colony, Lincoln.	Difference	(6-11-6)	-1,613	.0	-54
PARAMOUNT ORMSBY PRIDE BELMONT 894831	9 daughters	12	13,171	3.6	479
Born, 12-19-43; proved, 1-30-50;----; Minn.	8 daughters	11	13,351	3.6	480
Sire, 793848; dam, 2067828.	8 dams	20	12,407	3.4	427
Herd Owner, Arnold Bjugan, Wanamingo.	Difference	(5-6-6)	+944	+.2	+53
PEERLESS CARNATION LEW 868893	8 daughters	8	9,710	3.5	345
Born, 11-2-42; proved, 1-30-50;----; N. Y.	5 daughters	5	9,555	3.5	335
Sire, 698483; dam, 2112385.	5 dams	8	12,325	3.3	410
Herd Owner, Leslie Button, New Berlin.	Difference	(1-4-1)	-2,770	+.2	-75
PHILLSON DEAN MASTERPIECE 878325	7 daughters	8	11,375	3.7	417
Born, 1-8-43; proved, 1-18-50;----; Va.	7 dams	21	13,450	3.6	483
Sire, 770331; dam, 1889008.	Difference	(1-5-1)	-2,075	+.1	-66
Herd Owner, Virginia State Prison Farm, State Farm.					
PIEBE JOHANNA ECHO PONTIAC 877337	6 daughters	7	10,612	3.5	370
Born, 3-28-43; proved, 1-18-50;----; Mich.	6 dams	21	11,817	3.5	416
Sire, 772690; dam, 1611880.	Difference	(1-2-1)	-1,205	.0	-46
Herd Owner, Gus & Earl Warner, Sandusky.					
PIETERTJE WALKER COLANTHA BEETS 852254	6 daughters	6	9,381	3.8	353
Born, 1-6-41; proved, 1-27-50;----; Minn.	5 daughters	5	9,775	3.7	359
Sire, 724759; dam, 1265168.	5 dams	14	12,061	3.5	416
Herd Owner, Hugo Albrecht, New Ulm.	Difference	(2-4-2)	-2,286	+.2	-57
PLAIN VIEW KING BESSIE DOUBLER 885666	16 daughters	17	9,927	3.4	333
Born, 2-12-43; proved, 1-24-50;----; Wis.	6 daughters	6	10,791	3.2	346
Sire, 739786; dam, 2081559.	6 dams	12	9,076	3.3	298
Herd Owner, Clark County Asylum, Owen.	Difference	(4-3-5)	+1,715	-.1	+48
RAINBOW CAPTAIN BOLD 5TH 883414	9 daughters	12	14,914	3.6	540
Born, 1-18-43; proved, 1-27-50;----; Mich.	9 dams	37	12,897	3.4	445
Sire, 822580; dam, 2097218.	Difference	(7-8-8)	+2,017	+.2	+95
Herd Owner, August Ruttman & Son, Fowlerville.					
RIDGEWOOD DE KOL MONTY 884786	5 daughters	6	13,800	3.5	484
Born, 4-18-43; proved, 1-18-50;----; Mich.	5 dams	20	11,196	3.5	397
Sire, 771389; dam, 2408424.	Difference	(5-2-5)	+2,604	.0	+87
Herd Owner, Allan Brown & Son, Brown City.					
ROBIN FARM WALKER DIRECT CAESAR 886620	6 daughters	8	12,607	3.4	431
Born, 12-8-41; proved, 1-24-50;----; Mass.	6 dams	14	11,028	3.3	359
Sire, 778378; dam, 2047814.	Difference	(5-5-5)	+1,579	+.1	+72
Herd Owner, Robin Farm, Belchertown.					
ROSNI VEEMAN VALE BESS BURKE 5TH 881531	7 daughters	8	13,912	3.7	511
Born, 11-29-42; proved, 1-19-50;----; Va.	7 dams	17	13,784	3.5	479
Sire, 722301; dam, 1585750.	Difference	(3-5-4)	+128	+.2	+32
Herd Owner, Frank S. Walker, Orange.					
SEARSFARM MIMIR ALCARTRA BASEL 887522	8 daughters	11	12,765	3.5	446
Born, 3-25-42; proved, 1-25-50;----; N. Y.	8 dams	21	10,798	3.7	400
Sire, 643579; dam, 2337641.	Difference	(8-2-8)	+1,967	-.2	+46
Herd Owner, Charles D. Fairchild & Son, Oriskany Falls.					
SIR BESS ORMSBY FOBES RETURN 31ST 887014	6 daughters	6	13,028	3.6	463
Born, 4-21-43; proved, 1-19-50;----; Ill.	5 daughters	5	13,578	3.6	483
[illegible]	5 dams	6	12,097	3.8	459
Herd Owner, Henry Ward & Clyde Smith, Rock Falls.	Difference	(2-1-2)	+1,481	-.2	+24

HOLSTEIN SIRES	Number	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Born, 9-19-31; proved, 1-30-50; dead; Kans.	28 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] dams--	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Difference---	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
Born, 12-19-39; proved, 1-12-50;---- Wash.	7 daughters--	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] dams--	[illegible]	[illegible]	[illegible]	[illegible]
Herd Owner, Edward Farr, Dayton.	Difference---	(4-[illegible]-2)	[illegible]	[illegible]	[illegible]
SIR-DOUG BURK PRIDE HERB COL WALDON [illegible]	6 daughters--	7	[illegible]	[illegible]	[illegible]
Born, 12-27-42; proved, 1-19-50; dead; N. Y.	5 daughters--	6	[illegible]	[illegible]	[illegible]
Sire, 660575; dam, 1965344.	[illegible] dams--	[illegible]	[illegible]	[illegible]	[illegible]
Herd Owner, Warren W. Whitney & Sons, Clymer.	Difference---	(1-4-2)	-1,044	.0	[illegible]
SIR DUNLOGGIN DENVER 865073	5 daughters--	5	13,022	3.8	491
Born, 7-16-42; proved, 1-24-50;----; Va.	[illegible] dams--	20	12,952	3.5	455
Sire, 579868; dam, 1850769.	Difference---	(3-5-3)	+70	[illegible]	[illegible]
Herd Owner, Allen Bradley, Herndon.					
SIR ORMSBY PRIDE POSCH 886862	5 daughters--	5	13,797	3.6	491
Born, 12-6-42; proved, 1-19-50;----; Wis.	9 dams--	15	10,756	3.5	381
Sire, 831946; dam, 2067491.	Difference---	(5-3-5)	+3,041	+.1	+110
Herd Owner, Athneil Raquet, Kiel.					
SOWISCOL BURKE MODEL 888234	7 daughters--	7	11,040	3.7	405
Born, 5-22-43; proved, 1-30-50;----; Minn.	7 dams--	13	10,712	3.4	359
Sire, 780772; dam, 2222126.	Difference---	(3-6-5)	+328	+.3	+46
Herd Owner, Moose Lake State Hospital, Moose Lake.					
SPRINGDALE LEA DELLA BOY 852076	6 daughters--	11	12,306	3.7	456
Born, 9-23-41; proved, 1-20-50;----; N. Y.	6 dams--	20	13,274	3.6	482
Sire, 785741; dam, 2027295.	Difference---	(5-3-2)	-968	+.1	-26
Herd Owner, William B. Hunter, Monroe.					
STANVER ORMSBY SEGIS 875684	14 daughters--	14	12,982	4.0	516
Born, 10-9-42; proved, 1-23-50;----; N. Y.	10 daughters--	10	12,218	4.0	486
Sire, 803878; dam, 2041690.	10 dams--	23	12,239	3.8	460
Herd Owner, Amalie Trunz, Millerton.	Difference---	(3-7-6)	-21	+.2	+26
STRATTON SIR MATADOR BEAUTY 886717	7 daughters--	7	13,253	3.6	473
Born, 7-8-43; proved, 1-24-50;----; Colo.	7 dams--	17	12,723	3.4	414
Sire, 729200; dam, 1885456.	Difference---	(4-7-5)	+530	+.3	+59
Herd Owner, John H. Sloan & Son, Berthoud.					
SUNBEAM PIEK SPRING POSCH 883505	6 daughters--	7	10,477	3.9	405
Born, 6-16-42; proved, 1-23-50;----; Wis.	6 dams--	16	10,250	3.7	382
Sire, 786590; dam, 1643217.	Difference---	(3-6-4)	+227	+.2	+23
Herd Owner, Henry Melius, Richfield.					
SUPERB ROSNI ORMSBY VALE BESS 851586	10 daughters--	18	13,498	3.7	502
Born, 1-30-41; proved, 1-18-50;----; Va.	5 daughters--	8	13,577	3.6	491
Sire, 722301; dam, 1795661.	5 dams--	17	11,943	3.6	428
Herd Owner, Frank S. Walker, Orange.	Difference---	(4-4-4)	+1,634	.0	+63
SUPREME PROSPECTOR 877761	13 daughters--	15	13,751	3.5	475
Born, 1-27-35; proved, 1-16-50;----; Ill.	8 daughters--	8	14,959	3.5	522
Sire, 825540; dam, 113438 CHB.	8 dams--	13	10,377	3.6	379
Herd Owner, O. Rosene & F. Rote, Rockford.	Difference---	(8-3-7)	+4,582	-.1	+143
TAYLAKER BESS ORMSBY GETTIE 896133	10 daughters--	10	16,718	3.5	578
Born, 6-20-43; proved, 1-27-50;----; Calif.	10 dams--	50	12,994	3.5	457
Sire, 810927; dam, 1688346.	Difference---	(10-5-10)	+3,724	.0	+121
Herd Owner, Preisker Ranch, Santa Maria.					
VAN HOOSEN KING BESSIE 509 878119	6 daughters--	6	8,614	3.8	323
Born, 2-8-43; proved, 1-30-50;----; Mich.	6 dams--	19	9,305	3.5	323
Sire, 652274; dam, 1886136.	Difference---	(2-5-3)	-691	+.3	0
Herd Owner, Elvin Beebe, Holly.					
WACRAO GOVERNOR FOBES 850369	6 daughters--	7	11,780	3.5	413
Born, 2-1-42; proved, 1-23-50;----; Ohio.	5 daughters--	6	11,807	3.6	423
Sire, 730829; dam, 2010884.	5 dams--	15	12,056	3.5	419
Herd Owner, Elbert C. French, New London.	Difference---	(2-4-2)	-249	+.1	+4
WEARY RIVER GOVERNOR FAYNE 893475	7 daughters--	7	14,396	3.9	562
Born, 5-28-42; proved, 1-30-50;----; Calif.	6 daughters--	6	14,171	4.0	561
Sire, 706791; dam, 1471276.	6 dams--	14	13,124	3.7	489
Herd Owner, C. L. Good & Son, Santee.	Difference---	(3-5-4)	+1,047	+.3	+72
WHITE CLOUD BLOSSOM MONA SENATOR 852207	8 daughters--	12	12,039	3.4	415
Born, 3-14-41; proved, 1-27-50;----; N. Y.	7 daughters--	11	11,666	3.4	402
Sire, 781416; dam, 1902095.	7 dams--	16	11,867	3.5	417
Herd Owner, Henry Theisman, East Concord.	Difference---	(4-3-4)	-201	-.1	-15

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WIMBLEDON BRACELET HEILO EMPEROR 850519----------	7 daughters--	8	10,583	3.8	407
Born, 5-24-42; proved, 1-23-50;----; Md.	7 dams-------	16	10,843	3.4	371
Sire, 671030; dam, 1512358.	Difference---	(4-6-4)	-260	+.4	+36
Herd Owner, Arthur M. Lusby, Kennedyville.					
WOODDELL SIR BESS AAGGIE JOE LAD 815329----------	9 daughters--	14	11,922	3.5	423
Born, 1-5-41; proved, 1-12-50;----; Mo.	7 daughters--	10	11,607	3.6	418
Sire, 680873; dam, 1424634.	7 dams-------	25	10,530	3.6	383
Herd Owner, Paganok Farm, Hannibal.	Difference---	(5-3-5)	+1,077	.0	+35
WOODDELL SIR BESS JOE LAD 730338----------	42 daughters-	94	12,532	3.4	422
Born, 12-1-35; proved, 1-24-50;----; Ill.	32 daughters-	69	12,441	3.4	420
Sire, 680873; dam, 1424634.	32 dams------	170	10,983	3.5	380
Herd Owner, Alton State Hospital, Alton.	Difference---	(24-17-24)	+1,458	-.1	+40

JERSEY SIRES

AIM ROYAL SKY HIGH 452889----------	6 daughters--	6	8,707	4.9	428
Born, 8-15-43; proved, 1-25-50;----; Mo.	5 daughters--	5	8,403	4.9	408
Sire, 404543; dam, 1245207.	5 dams-------	6	7,135	5.3	382
Herd Owner, William J. Knotwell, Norwood.	Difference---	(3-2-3)	+1,268	-.4	+26
BEECH FARM LINDEN 410261----------	32 daughters-	64	6,135	5.2	317
Born, 12-19-39; proved, 1-20-50; alive; Ohio.	7 daughters--	13	6,521	5.3	346
Sire, 382831; dam, 999185.	7 dams-------	16	6,374	5.2	330
Herd Owner, L. P. Bailey & Co., Tacoma.	Difference---	(5-4-6)	+147	+.1	+16
BRAMPTON KABUL PINNACLE 405970----------	18 daughters-	38	9,007	5.4	488
Born, 7-12-39; proved, 1-23-50;----; Wash.	5 daughters--	14	9,042	5.3	481
Sire, 100201 CJCC; dam, 100882 CJCC.	5 dams-------	9	8,280	5.5	451
Herd Owner, A. J. Wilson, La Center.	Difference---	(4-2-4)	+762	-.2	+30
CHIEF DAIRYLIKE BARONET 446918----------	12 daughters-	15	7,583	5.4	406
Born, 10-21-41; proved, 1-18-50;----; Ind.	10 daughters-	12	7,445	5.4	402
Sire, 386290; dam, 1099469.	10 dams------	31	7,375	5.6	410
Herd Owner, Elmer Schmaltz, Royal Center.	Difference---	(5-5-5)	+70	-.2	-8
COMBINE VOLUNTEER SULTAN 428260----------	5 daughters--	7	6,026	5.3	318
Born, 12-19-41; proved, 1-20-50;----; Md.	5 dams-------	14	6,253	5.1	318
Sire, 392667; dam, 895440.	Difference---	(2-5-2)	-227	+.2	0
Herd Owner, George A. Stiles, Boonsboro.					
DOMINO OF EDGEMONT 442843----------	6 daughters--	6	6,833	5.0	339
Born, 8-11-42; proved, 1-20-50;----; N. Y.	5 daughters--	5	6,603	5.0	329
Sire, 390641; dam, 1179656.	5 dams-------	9	7,451	5.4	399
Herd Owner, Lake Placid Co., Lake Placid.	Difference---	(2-0-1)	-848	-.4	-70
DOWARD NOBLE GIANT 456644----------	7 daughters--	7	6,297	5.5	344
Born, 3-8-44; proved, 1-25-50;----; Mich.	6 daughters--	6	6,645	5.5	365
Sire, 412209; dam, 1156413.	6 dams-------	20	8,702	5.4	466
Herd Owner, Ira D. Cronkright, Webberville.	Difference---	(1-5-1)	-2,057	+.1	-101
FAIRBOY OXFORD DREAMER 441932----------	6 daughters--	6	6,138	5.7	348
Born, 3-28-42; proved, 1-24-50;----; Mich.	5 daughters--	5	5,873	5.3	314
Sire, 359621; dam, 977826.	5 dams-------	15	6,283	5.5	345
Herd Owner, Mrs. William D. Dobbin & Son, Kalamazoo.	Difference---	(3-2-3)	-410	-.2	-31
FERN ROYAL GOLD 452316----------	5 daughters--	7	8,211	5.0	408
Born, 8-2-42; proved, 1-23-50;----; Utah.	5 dams-------	22	7,084	5.4	383
Sire, 412101; dam, 1326107.	Difference---	(4-0-4)	+1,127	-.4	+25
Herd Owner, Spencer & Elias Peterson, Taylor.					
FLOSS DUKE MODEL XAMPLE 441356----------	13 daughters-	19	7,943	5.3	424
Born, 9-1-42; proved, 1-30-50;----; N. Y.	11 daughters-	15	8,030	5.3	428
Sire, 369058; dam, 1201525.	11 dams------	14	8,035	5.2	418
Herd Owner, Wilbur Doig, Delhi.	Difference---	(5-7-4)	-5	+.1	+10
FORWARD MARGIE'S LAD 406458----------	7 daughters--	9	7,306	4.9	356
Born, 7-26-38; proved, 1-18-50;----; Mich.	5 daughters--	7	7,363	5.0	368
Sire, 370294; dam, 1215448.	5 dams-------	8	9,471	4.5	430
Herd Owner, Paul W. Thompson, Allegan.	Difference---	(0-4-0)	-2,108	+.5	-62
GALLANT POGIS MODEL 452569----------	6 daughters--	6	8,362	5.2	431
Born, 8-14-43; proved, 1-25-50;----; Pa.	6 dams-------	16	7,218	5.4	390
Sire, 394410; dam, 1249507.	Difference---	(3-2-3)	+1,144	-.2	+41
Herd Owner, Charles Kahler, Meadville.					
LILAC REMUS RANGER 427546----------	6 daughters--	9	9,702	5.1	499
Born, 9-18-41; proved, 1-27-50;----; Minn.	5 daughters--	7	9,217	5.2	482
Sire, 328497; dam, 1027636.	5 dams-------	10	8,007	5.5	440
Used in Androscoggin Valley A. B. A.	Difference---	(4-1-2)	+1,210	-.3	+42

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
LORD FAVORITE BASIL 440945----------	12 daughters-	16	8,287	5.7	475
Born, 10-29-42; proved, 1-24-50;----; Oreg.	10 daughters-	13	8,101	5.8	471
Sire, 410282; dam, 1261755.	10 dams------	18	7,498	5.7	425
Herd Owner, Hector MacPherson, Jr., Albany.	Difference---	(7-7-9)	+603	+.1	+46
MADCAP VICTOR SUCCESS 452400----------	5 daughters--	6	6,717	5.2	346
Born, 5-9-43; proved, 1-24-50;----; Mich.	5 dams-------	14	7,689	5.0	388
Sire, 337385; dam, 1229156.	Difference---	(2-2-3)	-972	+.2	-42
Herd Owner, Lillian Krause & Son, Washington.					
MIDGET'S CHIEF GAMBOGE 435155----------	9 daughters--	9	6,281	5.2	324
Born, 2-11-41; proved, 1-18-50;----; N. H.	5 daughters--	5	6,568	5.1	338
Sire, 362091; dam, 967877.	5 dams-------	8	7,045	4.8	341
Herd Owner, Roy D. Hunter Estate, Claremont.	Difference---	(2-3-3)	-477	+.3	-3
NELLY FOXY STANDARD 448054----------	8 daughters--	9	7,076	5.7	406
Born, 10-3-42; proved, 1-19-50;----; Wash.	8 dams-------	29	7,914	6.1	486
Sire, 423397; dam, 1245913.	Difference---	(2-2-1)	-838	-.4	-80
Herd Owner, Louis Page, Cathlamet.					
OBSERVER SUSANNE DANNY 417188----------	25 daughters-	38	7,189	5.4	386
Born, 1-22-40; proved, 1-16-50;----; Ill.	8 daughters--	12	7,011	5.4	377
Sire, 378562; dam, 1117719.	8 dams-------	35	6,755	5.1	347
Herd Owner, Illinois State Farm, Vandalia.	Difference---	(5-7-7)	+256	+.3	+30
OXFORD PALATINE NOBLE 425848----------	10 daughters-	21	7,529	4.7	352
Born, 10-16-40; proved, 1-24-50;----; Mich.	8 daughters--	18	7,612	4.7	355
Sire, 361013; dam, 1187682.	8 dams-------	18	8,769	4.8	417
Herd Owner, Clyde Partridge, Rockford.	Difference---	(2-5-1)	-1,157	-.1	-62
OXFORD VOL. PIONEER KING 443504----------	7 daughters--	7	7,719	5.3	411
Born, 7-5-42; proved, 1-16-50;----; Wash.	6 daughters--	6	7,625	5.3	405
Sire, 413881; dam, 1119817.	6 dams-------	10	9,346	5.6	521
Herd Owner, John Klein, Marysville.	Difference---	(2-2-2)	-1,721	-.3	-116
PEER LAD CHIMES KING NOBLE 425299----------	9 daughters--	13	7,385	5.1	379
Born, 3-12-41; proved, 1-25-50;----; Oreg.	6 daughters--	9	7,978	5.1	406
Sire, 376878; dam, 928402.	6 dams-------	9	7,373	5.8	424
Herd Owner, M. J. Clinton, Forest Grove.	Difference---	(4-1-1)	+605	-.7	-18
PROSPEROUS OWL TOO 452031----------	8 daughters--	10	7,357	4.9	357
Born, 1-18-42; proved, 1-23-50;----; Pa.	8 dams-------	31	8,679	5.3	457
Sire, 377847; dam, 1097230.	Difference---	(0-2-0)	-1,322	-.4	-100
Herd Owner, Mrs. Ora L. & Nova Noel, Guys Mills.					
ROCHETTE DESIGN B. 446445----------	6 daughters--	8	6,491	5.2	338
Born, 5-4-43; proved, 1-25-50;----; Ohio.	6 dams-------	17	6,372	5.8	367
Sire, 359224; dam, 1310992.	Difference---	(3-0-2)	+119	-.6	-29
Herd Owner, Newell Davids, Prospect.					
ROSEBOY'S STAR GAMBOGE 422916 *(Nov. 1949)----------	31 daughters-	40	7,516	5.1	383
Born, 8-16-40; proved, 1-23-50;----; Mo.	13 daughters-	16	7,556	5.0	380
Sire, 386695; dam, 1094256.	13 dams------	27	7,783	5.3	409
Used in Missouri Dairy A. B. A.	Difference---	(5-4-5)	-227	-.3	-29
ROYAL FAIRY DESIGN 443088----------	8 daughters--	9	6,984	4.6	320
Born, 7-30-42; proved, 1-20-50;----; Ala.	6 daughters--	7	6,547	4.7	305
Sire, 354680; dam, 1223480.	6 dams-------	9	7,221	4.9	351
Herd Owner, Alabama Polytechnic Institute, Auburn.	Difference---	(2-2-2)	-674	-.2	-46
ROYAL FAVOR JESTER 448700----------	10 daughters-	15	7,199	5.5	395
Born, 4-24-42; proved, 1-16-50;----; Mont.	9 daughters--	12	7,293	5.4	396
Sire, 429273; dam, 1336779.	9 dams-------	25	8,192	5.4	446
Herd Owner, Louis Reichman, Belgrade.	Difference---	(3-4-3)	-899	.0	-50
ROYALIST DRACONIAN 454449----------	6 daughters--	8	8,586	5.4	468
Born, 12-28-42; proved, 1-25-50;----; Wash.	6 dams-------	26	9,246	5.5	513
Sire, 382474; dam, 72889 CJCC.	Difference---	(1-3-2)	-660	-.1	-45
Herd Owner, Emil Torrell, Mt. Vernon.					
ROYAL QUECHEE SURPRISE 412481----------	10 daughters-	15	6,840	5.2	352
Born, 4-19-40; proved, 1-18-50;----; Wash.	5 daughters--	7	6,872	5.3	366
Sire, 398184; dam, 1146977.	5 dams-------	14	7,646	5.4	413
Herd Owner, Allendale Co., Monroe.	Difference---	(1-3-1)	-774	-.1	-47
SIEGFRIED REMUS ARTHUR 446660----------	5 daughters--	6	7,866	5.7	448
Born, 3-29-43; proved, 1-24-50;----; Mass.	5 dams-------	12	8,338	5.4	451
Sire, 376677; dam, 1294736.	Difference---	(1-4-1)	-472	+.3	-3
Herd Owner, William T. Whitney, Byfield.					

JERSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
SIEGFRIED REMUS TRIUMPH 443465	17 daughters-	18	7,083	5.6	394
Born, 10-31-42; proved, 1-13-50;----; N. H.	17 dams------	50	6,079	5.5	337
Sire, 376677; dam, 1278181.	Difference---	(14-10-12)	+1,004	+.1	+57
Herd Owner, Far Hills Farm, Walpole.					
SUPERIOR VICTOR SENATOR OWL 429261	15 daughters-	16	7,636	5.8	440
Born, 1-15-41; proved, 1-30-50;----; Pa.	12 daughters-	15	7,657	5.7	438
Sire, 275663; dam, 11[illegible].	12 dams------	31	7,568	5.6	[illegible]
Herd Owner, Vernon Garrison, Millerton.	Difference---	(6-7-7)	+89	+.1	[illegible]
SYBIL DESIGN VI[illegible]	8 daughters--	12	4,804	5.2	[illegible]
Born, 12-19-40; proved, 1-30-50;----; Vt.	8 dams-------	32	6,469	5.[illegible]	[illegible]
Sire, 3[illegible]; dam, [illegible].	Difference---	(1-3-1)	-1,665	-.1	[illegible]
Herd Owner, Charles L. Winslow, Mount Holly.					
SYBIL OXFORD LAD KNIGHT 415[illegible]	6 daughters--	7	7,790	5.0	388
Born, 10-24-39; proved, 1-18-50;----; Va.	5 daughters--	5	7,778	5.1	395
Sire, 365305; dam, 1232152.	5 dams-------	10	7,091	5.2	367
Herd Owner, Henry T. Patrick, Rustburg.	Difference---	(4-1-3)	+687	-.1	+28
SYBIL QUECHEE MAJESTY 434686	9 daughters--	12	6,042	5.4	327
Born, 7-15-41; proved, 1-18-50;----; Vt.	9 dams-------	37	6,700	5.0	332
Sire, 338755; dam, 851120.	Difference---	(2-9-4)	-658	+.4	-5
Herd Owner, R. H. Ranney & Sons, Putney.					
THOMAS ROYAL NOBLY VALIANT 450869	7 daughters--	7	6,644	5.3	351
Born, 11-30-43; proved, 1-16-50; alive; Mich.	7 dams-------	26	7,364	5.4	395
Sire, 425306; dam, 1173469.	Difference---	(2-3-3)	-720	-.1	-44
Used in Missouri Dairy A. B. A., Mo.					
VICTORY LADDIE 454800	6 daughters--	7	7,621	5.7	436
Born, 4-25-42; proved, 1-25-50;----; Wash.	6 dams-------	9	7,981	5.1	405
Sire, 385479; dam, 1022971.	Difference---	(3-5-4)	-360	+.6	+31
Herd Owner, Paul Berger, Deer Park.					
VOLUNTEER GOLDEN PRINCE 443654	7 daughters--	12	7,698	5.1	394
Born, 11-27-42; proved, 1-25-50;----; Idaho.	5 daughters--	8	7,553	5.3	399
Sire, 365924; dam, 1283443.	5 dams-------	13	7,518	5.5	411
Herd Owner, Harry W. McCauley, Buhl.	Difference---	(3-3-3)	+35	-.2	-12
13*415651 (BANGS OR TB EARTAG)	7 daughters--	8	4,667	4.8	224
Born, ----; proved, 1-16-50;----; Vt.	6 daughters--	7	4,754	4.7	224
Sire, ----; dam, ----.	6 dams-------	19	7,389	4.8	352
Herd Owner, Henry Pillsbury, Burlington.	Difference---	(0-3-0)	-2,635	-.1	-128

SHORTHORN SIRES					
BORG'S JASPER 5TH 1973743	5 daughters--	5	7,104	3.8	272
Born, 5-4-39; proved, 1-30-50;----; Wis.	5 dams-------	16	6,746	3.9	261
Sire, 1413346; dam, 1597113.	Difference---	(2-3-2)	+358	-.1	+11
Herd Owner, Borg Farms, Delavan.					
LADDIE 1881201	18 daughters-	27	7,095	3.8	273
Born, 7-20-36; proved, 1-31-50;----; Iowa.	5 daughters--	6	7,047	3.9	278
Sire, 1758595; dam, 1648197.	5 dams-------	13	6,721	3.7	250
Herd Owner, Mrs. Carrie L. Thom, Ashton.	Difference---	(3-4-4)	+326	+.2	+28

AMERICAN DAIRY CATTLE CLUB SIRES					
LYNTHWAITE ELMER 1226	5 daughters--	7	8,095	5.1	410
Born, 10-24-42; proved, 1-25-50;----; Del.	5 dams-------	14	8,140	4.6	374
Sire, 267532-G; dam, 13699-AC.	Difference---	(2-5-2)	-45	+.5	+36
Herd Owner, Pusey Passmore & Son, Wilmington.					

LIBERTY HILL CARNATION IMPERIAL 1310
(This sire is also a registered Holstein "Liberty Hill Carnation Imperial 904896." Proved sire data included in Holstein listing.)

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IMPROVEMENT

DAIRY HERD ASSOCIATIONS

TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 26, No. 3

MARCH 1950

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ARTIFICIAL-BREEDING ASSOCIATIONS AND COOPERATIVE BULL ASSOCIATIONS IN THE UNITED STATES, ACTIVE JANUARY 1, 1950

(As reported by State Extension Dairymen)

On January 1, 1950, there were 372,968 herds, consisting of 2,827,530 cows, enrolled in 1,460 artificial-breeding associations. Compared with January 1, 1949, this is an increase of 56,791, or 18.0 percent, in number of herds and 415,370, or 17.2 percent, in number of cows.

Wisconsin again leads the States in number of cows enrolled in artificial-breeding associations, with 411,566 cows enrolled. States with 25,000 or more cows enrolled in artificial-breeding associations are as follows:

Wisconsin	411,566	Tennessee	50,967
New York	287,044	North Carolina	49,322
Pennsylvania	233,311	New Jersey	44,100
Ohio	216,117	Nebraska	41,498
Iowa	192,783	Washington	40,784
Minnesota	189,332	Texas	36,495
Michigan	140,445	Mississippi	30,824
Illinois	135,572	Virginia	30,597
Indiana	97,391	West Virginia	29,750
Kentucky	70,040	Maryland	27,081
Missouri	69,042	Maine	26,093
Louisiana	59,102		

The number of bull associations operating January 1, 1950 was 87, with an enrollment of 12,738 cows. On January 1, 1949 there were 69 associations with an enrollment of 9,978 cows.

On the following pages are data showing the status of artificial-breeding associations, bull associations, and bull studs for the various States.

COOPERATIVE BULL ASSOCIATIONS AND BULL STUDS ACTIVE JANUARY 1, 1950

	Number of associations	Number of herds	Number of bulls	Number and breed of bulls used 1/							Number of cows in all associations		
				A	J	G	H	BS	RD	SH	Registered	Other	Total
BULL ASSOCIATIONS:													
Idaho	2	76	5	--	--	--	5	--	--	--	59	146	205
Ill	16	70	65	--	8	29	21	7	--	--	947	372	1,319
Iowa	1	5	5	--	--	5	--	--	--	--	43	61	104
Mich	7	99	62	--	7	3	10	--	42	--	240	1,595	1,835
Minn	2	8	8	--	--	--	8	--	--	--	96	----	96
Mo	3	35	11	--	11	--	--	--	--	--	23	362	385
N. J	1	3	3	--	--	--	3	--	--	--	75	19	94
N. Y	17	60	71	6	16	17	32	--	--	--	1,580	991	2,571
Oreg	1	5	6	--	--	6	--	--	--	--	260	----	260
Pa	15	74	61	--	3	12	43	3	--	--	1,933	486	2,419
P. R	1	450	14	--	3	3	8	--	--	--	----	1,600	1,600
Utah	2	69	7	--	4	--	3	--	--	--	30	357	387
Wis	19	73	74	--	15	37	22	--	--	--	652	811	1,463
Total	87	1,027	392	6	67	112	155	10	42	--	5,938	6,800	12,738
BULL STUDS:													
Idaho	8	1,718	2/79	--	9	28	31	--	--	8	3/391	3/4,343	7,544

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; RD-Red Danish; SH-Shorthorn.
2/ Includes 3 Herefords.
3/ Report incomplete.

GROWTH OF ARTIFICIAL-BREEDING ASSOCIATION WORK IN UNITED STATES, 1939-50

Year	Associations (Units)	Enrollment		Cows bred	Bulls in service	Bulls proved		Butterfat production level of daughters of proved sires	Cows enrolled per bull
		Herds	Cows						
	Number	Number	Number	Number	Number	Number	Percent	Pounds	Number
1939	7	646	7,539	--	33	--	--	--	228
1940	30	2,971	33,977	--	138	--	--	--	246
1941	42	5,997	70,751	--	237	--	--	--	299
1942	73	12,118	112,788	--	412	--	--	--	274
1943	99	23,448	182,524	--	574	135	23.1	419	318
1944	95	28,627	218,070	--	657	129	19.6	421	332
1945	195	43,998	360,732	--	729	147	20.2	428	495
1946	336	73,293	579,477	537,376	900	209	23.2	428	644
1947	608	140,571	1,125,040	1,184,168	1,453	335	23.1	430	774
1948	963	224,493	1,743,327	1,713,581	1,745	426	24.4	433	999
1949	1,263	316,177	2,412,160	2,091,175	1,940	514	26.5	436	1,243
1950	1,460	372,968	2,827,530	--	2,104	--	--	--	1,344

NUMBER OF ARTIFICIAL-BREEDING ASSOCIATIONS (UNITS) BY STATES
(1939 to 1950, inclusive)

State	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
N. J-------	3	5	4	5	6	6	6	6	8	9	9	9
N. Y-------	1	4	5	22	27	33	37	53	57	65	68	70
Ohio-------	1	1	1	4	4	4	36	47	55	76	83	84
Minn. (1)--	1	3	5	7	17	8	10	14	28	64	104	126
Mo---------	1	1	1	1	1	0	4	4	67	[illegible]	76	84
Ariz-------	---	1	0	0	0	0	0	[illegible]	1		1	1
Conn-------	---	3	3	5	5	4	4	5	6	7	8	8
Ill--------	---	2	2	2	4	3	4	5	20	70	88	97
Maine------	---	1	2	2	2	2	6	12	18	21	21	21
Mass-------	---	1	1	2	1	0	0	0	11	11	11	11
Mich-------	---	1	3	4	4	3	22	53	83	108	133	144
Mont-------	---	1	1	0	0	0	0	0	1	6	9	10
N. H-------	---	1	1	0	0	0	0	7	9	12	12	13
N. Mex-----	---	1	1	1	0	0	0	0	0	0	0	1
Pa---------	---	1	0	0	1	3	7	34	41	43	49	49
Tenn-------	---	1	1	1	1	1	1	3	6	22	31	38
Wis--------	---	2	9	10	10	11	16	21	27	30	33	39
Va---------	---	---	1	2	1	0	0	0	6	10	13	21
Wash-------	---	---	1	0	2	2	5	9	17	19	19	20
Ind--------	---	---	---	1	4	2	3	6	9	42	54	55
Kans-------	---	---	---	1	0	0	0	0	0	3	4	5
Nebr-------	---	---	---	2	2	4	8	17	22	31	37	29
Vt---------	---	---	---	1	1	2	8	3	3	4	23	23
Del--------	---	---	---	---	1	1	1	1	1	3	3	3
Iowa-------	---	---	---	---	1	3	8	19	38	50	85	95
Miss-------	---	---	---	---	1	0	1	3	10	17	22	27
Oreg-------	---	---	---	---	1	1	1	1	5	6	7	12
Tex--------	---	---	---	---	1	0	0	1	4	21	32	34
Utah-------	---	---	---	---	1	1	0	0	0	0	2	13
Colo-------	---	---	---	---	---	1	4	0	1	1	10	22
Calif------	---	---	---	---	---	---	1	2	6	8	8	9
Nev--------	---	---	---	---	---	---	1	1	0	0	0	0
W. Va------	---	---	---	---	---	---	1	5	7	11	13	14
Idaho------	---	---	---	---	---	---	---	1	1	1	2	3
Ky---------	---	---	---	---	---	---	---	1	1	22	27	35
Okla-------	---	---	---	---	---	---	---	1	14	23	22	26
Ark--------	---	---	---	---	---	---	---	---	1	10	17	21
La---------	---	---	---	---	---	---	---	---	3	17	31	36
Md---------	---	---	---	---	---	---	---	---	9	14	16	18
S. Dak-----	---	---	---	---	---	---	---	---	6	10	11	12
Ala--------	---	---	---	---	---	---	---	---	---	17	17	18
N. Dak-----	---	---	---	---	---	---	---	---	---	1	5	10
S. C-------	---	---	---	---	---	---	---	---	---	5	(2)	14
Fla--------	---	---	---	---	---	---	---	---	---	---	4	7
Ga---------	---	---	---	---	---	---	---	---	---	---	7	19
N. C-------	---	---	---	---	---	---	---	---	---	---	34	50
R. I-------	---	---	---	---	---	---	---	---	---	---	1	1
Wyo--------	---	---	---	---	---	---	---	---	---	---	1	2
Alaska-----	---	---	---	---	---	---	---	---	---	---	---	1
Total----	7	30	42	73	99	95	195	336	608	963	1,263	1,460

1/ Corrected, 1950.
2/ No report

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State	Associations	Herds	Bulls	Cows	
				Total	Bred (1949)
	Number	Number	Number	Number	Number
Ala	18	4,570	15	21,500	7,254
Alaska	1	55	5	450	417
Ariz	1	41	4	2,100	1,055
Ark	21	3,840	19	24,820	9,048
Calif	9	1,028	75	16,593	12,806
Colo	22	1,120	21	7,720	4,675
Conn	8	2,139	18	20,000	18,572
Del	3	919	11	7,784	3,631
Fla	7	181	0	9,090	4,761
Ga	19	1,615	0	20,298	9,537
Ida	3	429	23	12,498	12,232
Ill	97	30,856	114	135,572	122,561
Ind	55	16,224	42	97,391	51,942
Iowa	95	28,606	108	192,783	134,188
Kans	5	895	0	5,725	3,305
Ky	35	8,252	26	70,040	40,751
La	36	4,715	30	59,102	21,413
Maine	21	7,838	46	26,093	26,093
Md	18	1,996	17	27,081	21,880
Mass	11	4,022	46	23,195	23,195
Mich	144	21,794	76	140,445	90,000
Minn	126	9,510	152	189,332	189,332
Miss	27	5,750	30	30,824	19,408
Mo	84	14,621	77	69,042	49,949
Mont	10	1,155	9	9,129	6,480
Nebr	29	8,753	58	41,498	27,924
Nev	0	0	0	0	0
N. H	13	3,245	32	23,941	16,112
N. J	9	5,301	55	44,100	39,458
N. Mex	1	12	0	750	621
N. Y	70	5,943	121	287,044	153,973
N. C	50	9,189	24	49,322	27,123
N. Dak	10	1,486	0	11,876	4,408
Ohio	84	35,779	89	216,117	142,472
Okla	26	2,901	42	18,627	9,550
Oreg	12	2,593	20	18,513	14,334
Pa	49	33,988	195	233,311	206,507
R. I	1	266	21	1,272	1,219
S. C	14	5,697	27	14,030	10,585
S. Dak	12	1,729	25	14,424	5,251
Tenn	38	7,010	47	50,967	29,786
Tex	34	3,517	37	36,495	18,283
Utah	13	994	21	10,647	5,430
Vt	23	1,662	8	21,767	15,137
Va	21	3,584	32	30,597	19,470
Wash	20	7,995	45	40,784	35,269
W. Va	14	4,340	22	29,750	14,397
Wis	39	54,683	219	411,566	408,375
Wyo	2	130	0	1,525	1,006
U. S	1,46[illegible]	372,968	2,104	2,827,530	2,091,175

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
ALABAMA (18)												
Alabama ABA	4,570	--	7	5	3	--	--	--	15	1,255	21,500	7,254
(Affiliates)												
Blount	(300)									(50)	(1,000)	(29)
Calhoun	(470)									(41)	(900)	(730)
Chambers	(390)									(112)	(900)	(357)
Clay	(220)									(12)	(500)	(224)
Dallas	(99)									(49)	(1,200)	(117)
Elmore	(212)									(38)	(1,100)	(394)
Escambia	(115)									(75)	(800)	(602)
Hale	(140)									(55)	(2,100)	(20)
Lee	(262)									(49)	(1,400)	(605)
Limestone	(328)									(33)	(1,200)	(713)
Macon	(299)									(21)	(500)	(180)
Marshall	(250)									(150)	(1,400)	(914)
Mobile	(312)									(66)	(1,400)	(635)
Morgan	(382)									(61)	(1,200)	(408)
Montgomery	(83)									(144)	(3,000)	(288)
Randolph	(187)									(49)	(1,000)	(452)
Shelby	(120)									(100)	(800)	(8)
Tallapoosa	(401)									(150)	(1,100)	(578)
ALASKA (1)												
Matanuska Valley	55	--	--	1	2	--	--	2/2	5	20	450	417
ARIZONA (1)												
Arizona ABA	41	--	--	--	4	--	--	--	4	85	2,100	1,055
ARKANSAS (21)												
Arkansas ABA	3,840	--	10	5	4	--	--	--	19	2,455	24,820	9,048
(Affiliates)												
Benton	(700)									(300)	(3,000)	(1,359)
Boone	(200)									(140)	(1,250)	(463)
Carroll	(215)									(100)	(1,350)	(423)
Clark	(115)									(65)	(900)	(344)
Conway	(165)									(150)	(1,100)	(408)
Crawford	(170)									(80)	(1,150)	(475)
Faulkner	(175)									(160)	(1,050)	(325)
Franklin	(120)									(125)	(950)	(187)
Independence	(95)									(75)	(1,020)	(360)
Johnson	(110)									(60)	(900)	(196)
Madison	(220)									(135)	(1,300)	(521)
Magazine	(100)									(50)	(700)	(129)
North Logan	(200)									(120)	(1,000)	(300)
Pope	(175)									(120)	(1,200)	(487)
Pulaski	(160)									(140)	(1,150)	(377)
Scott	(105)									(60)	(1,050)	(261)
South Sebastian	(160)									(80)	(1,100)	(455)
Union	(100)									(100)	(700)	(41)
Washington	(330)									(220)	(1,900)	(1,397)
White	(115)									(100)	(1,150)	(352)
Yell	(110)									(75)	(900)	(188)
CALIFORNIA (9)												
Calif.Dairy Breeders	507	--	8	5	8	--	--	--	21	47	5,939	4,658
(Affiliates)												
Butte Breeders	(115)									(19)	(1,521)	(1,090)
Sacramento	(157)									(15)	(2,116)	(2,059)
San Joaquin	(90)									(5)	(613)	(400)
Shasta	(45)									(4)	(493)	(384)
Tehama	(100)									(4)	(1,196)	(725)
San Pasqual	6	--	4	8	13	1	--	--	26	50	3,000	2,491
Santa Clara	27	--	--	3	4	--	--	--	7	25	907	660
Sonoma-Marin	54	--	3	3	3	--	--	--	9	194	2,797	2,797
Tulare	434	--	4	3	5	--	--	--	12	200	3,950	2,200
Total	1,028	--	19	22	33	1	--	--	75	516	16,593	12,806

1/ A-Ayrshire; J-Jersey; G-Guernsey; H-Holstein; BS-Brown Swiss; SH-Shorthorn; NR-Not reported.
2/ Red Danes.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
COLORADO (22)												
Colo.A & M Bull Stud	----	--	4	5	4	3	3	--	19	----	----	4,250
Big Sandy	27								(2)	----	250	----
Conejos	35								(2)	----	240	----
Cortez	30								(2)	----	250	----
Durango	32								(2)	----	211	----
Gardner	----								(2)	----	200	----
Glenwood Springs	35								(2)	----	214	----
Joes Dairy Breeders	35								(2)	----	225	----
Kiowa Creek	30								(2)	----	225	----
Laveta	26								(2)	----	200	----
Logan	30								(2)	----	250	----
Mancos	31								(2)	----	299	----
Mesa	20								(2)	----	200	----
Monument	30								(2)	----	250	----
Morgan	30								(2)	----	230	----
Pine River	30								(2)	----	250	----
Rifle	41								(2)	----	201	----
Sedgwick	35								(2)	----	300	----
Surface Creek	488								(2)	----	2,500	----
Uncompahgre	35								(2)	----	350	----
Wray	35								(2)	----	225	----
Yuma	35								(2)	----	225	----
North Central Colo.	30	--	--	2	--	--	--	--	2	150	425	425
Total	1,120	--	4	7	4	3	3	--	21	150	7,720	4,675
CONNECTICUT (8)												
Conn. ABA	2,139	--	--	10	8	--	--	--	3/18	----	20,000	18,572
(Affiliates)												
Fairfield-N. Haven	(500)									----	----	(3,634)
Hartford	(181)									----	----	(2,204)
Litchfield	(426)									----	----	(3,686)
Middlesex	(188)									----	----	(1,246)
New London	(254)									----	----	(1,625)
South Hartford	(94)									----	----	(1,569)
Tolland	(382)									----	----	(3,091)
Windham	(114)									----	----	(1,517)
DELAWARE (3)												
Delaware ABA	919	--	3	4	4	--	--	--	11	2,170	7,784	3,631
(Affiliates)												
Kent	(181)									(390)	(1,572)	(537)
New Castle	(569)									(1,400)	(4,682)	(2,247)
Sussex	(169)									(380)	(1,530)	(847)
FLORIDA (7)												
Escambia	29								(4)	75	909	491
Duval	27								(4)	37	1,822	969
Orange	45								(4)	92	1,784	1,578
Palm Beach	11								(4)	50	1,154	162
Pinellas	20								(4)	75	935	650
Polk	31								(4)	46	1,093	797
Volusia	18								(4)	175	1,393	114
Total	181									550	9,090	4,761
GEORGIA (19)												
Bibb AB Co-op	55								(4)	60	1,200	900
Columbia	90								(4)	50	1,566	396
Co-op Breeders, Inc.	45								(4)	40	1,020	425
DeKalb	42								(4)	50	950	850
Jasper	93								(4)	205	1,481	1,081
Jenkins	175								(4)	10	1,115	410
Meriwether	71								(4)	75	1,051	250
Morgan	84								(4)	35	598	581
N. E. Georgia	380								(4)	200	1,211	539
N. W. Georgia	60								(4)	35	1,000	550
Newton	60								(4)	85	1,020	375
Oconee	28								(4)	75	700	450
Sowega	45								(4)	125	1,050	130
Taliaferro	30								(4)	25	600	475
Walton	60								(4)	50	1,025	400
Wilkes	111								(4)	65	1,361	725
Coosa Valley	45								(4)	35	1,030	350
Colquitt	66								(4)	25	1,270	300
Carroll	75								(4)	45	1,050	350
Total	1,615									1,290	20,298	9,537

1/ See footnote (1) page 5. 2/ Buys semen from Colo. A & M Bull Stud.
3/ Buys Brown Swiss semen from Mass. 4/ Buys semen from Southeastern ABA, Asheville, N. C.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
IDAHO (3)												
Bluff View AB Service	350	--	4	4	--	--	--	--	8	100	1,800	1,800
Franklin	79								(2)	60	698	432
Shamrock AB Service	----	--	6	4	5	--	--	--	15	----	10,000	10,000
Total	429	--	10	8	5	--	--	--	23	160	12,498	12,232
ILLINOIS (97)												
Central Illinois	4,500	--	--	7	--	--	5	--	12	2,100	15,000	10,183
(Affiliates) 3/												
Northern Illinois	11,263	--	3	6	14	5	--	--	28	7,683	61,081	53,076
(Affiliates)												
Boone-Winnebago	(710)									(623)	(5,238)	(4,762)
Bureau	(698)									(304)	(3,250)	(2,985)
Carroll	(241)									(117)	(1,427)	(1,241)
DeKalb	(406)									(385)	(2,993)	(2,693)
Grundy-Kendall	(455)									(151)	(2,337)	(1,693)
Home	(570)									(820)	(3,761)	(3,419)
Iroquois	(461)									(306)	(1,802)	(1,638)
Jo Daviess	(251)									(228)	(1,592)	(1,327)
Kankakee	(445)									(575)	(2,753)	(2,503)
Knox	(290)									(74)	(1,242)	(994)
Lake	(490)									(673)	(3,410)	(2,842)
Lee	(446)									(230)	(2,642)	(2,114)
Livingston	(512)									(159)	(2,334)	(1,945)
McHenry	(390)									(679)	(3,312)	(2,880)
Marshall-Putnam	(388)									(108)	(1,246)	(1,084)
Ogle	(421)									(232)	(2,256)	(2,051)
Peoria	(348)									(71)	(1,538)	(1,398)
Rock Island-Henry Mercer	(1,372)									(251)	(5,339)	(4,643)
Stephenson	(485)									(605)	(4,[illegible])	(3,715)
Warren-Henderson	(543)									(137)	(1,706)	(1,219)
Whiteside	(458)									(167)	(2,290)	(2,082)
Will	(647)									(632)	(3,027)	(2,752)
Woodford	(236)									(156)	(1,315)	(1,096)
Southern Illinois	10,942	--	9	9	9				27	3,313	33,127	33,127
(Affiliates)												
Albion	----									----	----	(508)
Benton	----									----	----	(427)
Breese	----									----	----	(2,651)
Carlinville	----									----	----	(1,539)
Carthage	----									----	----	(1,731)
Edwardsville	----									----	----	(1,553)
Effingham	----									----	----	(2,059)
Fairfield	----									----	----	(466)
Greenville	----									----	----	(1,044)
Harrisburg	----									----	----	(453)
Hillsboro	----									----	----	(1,082)
Litchfield	----									----	----	(689)
Louisville	----									----	----	(474)
Macomb	----									----	----	(1,299)
Marshall	----									----	----	(111)
McLeansboro	----									----	----	(428)
Metropolis	----									----	----	(506)
Mounds	----									----	----	(547)
Murphysboro	----									----	----	(477)
Mt. Vernon	----									----	----	(443)
Nashville	----									----	----	(804)
Olney	----									----	----	(704)
Petersburg	----									----	----	(981)
Paris	----									----	----	(1,264)
Pittsfield	----									----	----	(625)
Pinckneyville	----									----	----	(287)
Quincy	----									----	----	(1,663)
Robinson	----									----	----	(776)
Rushville	----									----	----	(1,156)
Salem	----									----	----	(353)
Shelbyville	----									----	----	(942)
Sparta	----									----	----	(945)
Springfield	----									----	----	(797)
Taylorville	----									----	----	(849)
Vandalia	----									----	----	(362)
Waterloo	----									----	----	(941)
Whitehall	----									----	----	(1,191)

1/ See footnote (1) page 5.
2/ Buys semen from Cache Valley ABA (Utah).
3/ Central Illinois Affiliates: Champaign; Coles; DeWitt; Douglas; Ford; Fulton; Logan; Macon; Mason; McLean; Moultrie; Piatt; Tazewell.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number, of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
ILLINOIS (continued)												
Independent Services:												
Bureau	26								(2)	----	57	57
Chillicothe	16								(2)	----	29	29
DeKalb	619								(2)	----	1,730	1,730
Galena	11								(2)	----	21	21
Kornbaker	316								(3)	----	1,943	1,943
Inter-County	235								(2)	----	1,887	1,887
Jo Daviess	----								(2)	----	1,267	1,267
Kane	262								(2)	----	721	721
Kewanee	----								(2)	----	2,189	2,189
LaSalle	500								(2)	62	1,500	1,311
Lee	164								(3)	----	976	976
Lemen	217								(2)	----	802	802
Lena	----								(2)	----	2,650	2,650
Marengo	250								(3)	----	1,539	1,539
Mercer	----								(3)	----	1,044	1,044
Milledgeville	250								(2)	----	2,402	2,402
Morrison	499								(2)	----	2,360	2,360
Ogle	50								(2)	----	283	283
Pecatonica	108								(2)	----	757	757
Smith	----								(2)	----	89	89
Toulon	----								(2)	----	669	669
Twin City	54								(2)	----	300	300
Virginia	125								(2)	----	271	271
Slatter	449	--	--	--	--	--	2	--	4/ 2	92	878	878
Curtis Candy Co. AB-												
Bull Stud	(5)	10	--	14	12	9	--	--	45	(5)	(5)	(5)
Total	20,856	10	12	36	35	14	7	--	114	13,256	135,572	122,561
INDIANA (55)												
Harrison ABA	438	--	3	--	--	--	--	--	4/ 3	----	2,923	1,826
Indiana ABA	3,600	--	5	6	5	--	--	--	16	----	6,929	6,929
Adams	179								(4)	300	1,600	886
Allen	315								(4)	125	2,000	992
Carroll	202								(4)	125	1,050	914
Clark-Boyd	207								(4)	50	1,522	913
Clay	237								(4)	400	1,600	945
Daviess	94								(4)	30	800	329
Dearborn	111								(4)	30	968	538
Decatur	208								(4)	70	1,420	689
DeKalb	238								(4)	100	1,400	1,153
Delaware	279								(4)	162	1,870	1,141
Dubois	100								(4)	50	700	198
Fayette-Union	242								(4)	68	1,268	833
Fountain	205								(4)	50	1,200	863
Farmers' Marketing	140								(4)	50	700	219
Franklin	118								(4)	102	1,100	606
Fulton	265								(4)	50	1,200	720
Grant	136								(4)	100	1,500	549
Henry	200								(4)	100	1,400	1,001
Jackson	230								(4)	150	1,400	649
Jasper	147								(4)	36	978	589
Jay	130								(4)	40	1,000	687
Jefferson	148								(4)	50	1,200	698
Jennings	153								(4)	12	987	528
Knox	126								(4)	30	800	288
Kosciusko	157								(4)	100	540	259
LaGrange	170								(4)	400	1,000	619
Lake	243								(4)	250	2,300	1,318
Lawrence	150								(4)	80	1,000	469
Miami	327								(4)	200	1,500	341
Monroe	124								(4)	50	980	456
Noble	260								(4)	260	1,200	974
Parke	376								(4)	100	2,500	1,055
Perry	83								(4)	35	413	208
Pulaski	150								(4)	68	1,100	887
Randolph	244								(4)	150	1,500	840
Ripley	115								(4)	198	1,211	706

1/ See footnote (1) page 5.
2/ Buys semen from Wisconsin Scientific Breeding Institute.
3/ Buys semen from Wisconsin Scientific Breeding Institute and from Dairy Genetics, (Iowa).
4/ Buys semen from Indiana ABA.
5/ No report.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 195[illegible]

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1.4[illegible])
INDIANA (continued)												
St. Joseph----------	170								(2)	50	1,200	651
Spencer----------	163								(2)	100	1,500	683
Steuben----------	120								(2)	50	1,000	536
Sullivan----------	187								(2)	50	1,100	516
Switzerland---------	166								(2)	20	1,750	358
The Pocket----------	260								(2)	150	1,800	1,000
Vigo----------	134								(2)	90	900	418
Warren----------	300								(2)	92	1,200	919
Washington----------	244								(2)	150	1,868	819
Wayne----------	267								(2)	75	1,500	983
Wells----------	325								(2)	300	1,200	108
Whitley----------	304								(2)	200	1,800	1,552
Independent Services:												
Ball----------	----	--	--	4	1	--	--	--	5	----	192	192
Campbell----------									(3)	123	483	483
Newman----------	----	--	--	2	7	2	--	--	11	----	3,995	3,995
Ross Farm---------	600	--	--	3	2	--	2	--	7	----	1,718	1,718
Curtis Candy Co.												
AB Units---------	2,137								(4)	----	19,426	3,196
Total----------	16,224	--	8	15	15	2	2	--	42	5,621	97,391	51,942
IOWA (95)												
Eastern Iowa ABA----	1,600	4	5	11	12	4	6	--	42	775	11,800	7,348
Allamakee----------	250								(5)	200	1,410	1,100
Benton----------	325								(5)	125	2,500	2,003
Black Hawk----------	358								(5)	125	3,200	2,459
Buchanan----------	255								(5)	150	1,785	1,721
Butler----------	190								(5)	50	1,520	1,164
Cerro Gordo---------	250								(5)	90	1,500	1,391
Chickasaw----------	231								(5)	142	2,541	1,635
Clayton----------	440								(5)	300	3,520	2,454
Clinton----------	72								(5)	10	600	265
Delaware----------	600								(5)	75	6,800	4,703
Des Moines----------	200								(5)	50	1,200	1,127
Dubuque----------	300								(5)	125	3,750	2,694
Fayette----------	405								(5)	216	4,800	3,741
Grundy----------	204								(5)	50	1,836	1,030
Franklin----------	180								(5)	150	1,000	1,217
Howard----------	145								(5)	150	1,450	1,656
Iowa----------	259								(5)	225	2,900	2,166
Jackson----------	218								(5)	100	2,325	1,531
Keokuk----------	275								(5)	36	1,375	925
Lee----------	302								(5)	175	1,208	1,330
Linn----------	600								(5)	250	6,500	4,930
Louisa----------	309								(5)	175	1,400	926
Marion----------	321								(5)	110	1,284	1,002
Marshall----------	475								(5)	----	2,850	1,768
Muscatine----------	300								(5)	500	3,000	1,700
No. Cedar----------	335								(5)	95	2,010	2,055
Okoboji----------	160								(5)	100	1,150	928
Osage Co-op---------	175								(5)	100	1,225	1,158
Palo Alto----------	225								(5)	150	1,800	1,157
Story----------	200								(5)	95	1,000	1,274
Van Buren----------	260								(5)	150	2,600	1,106
Winneshiek----------	503								(5)	560	6,036	3,546
Dairy Genetics Inc.-:	----	--	5	12	13	9	7	--	46	----	----	--
Adair----------	286								(6)	30	1,126	725
Adams----------	350								(6)	35	1,589	1,100
Appanoose----------	343								(6)	65	1,372	1,083
Audubon----------	332								(6)	200	1,992	1,759
Boone----------	535								(6)	143	3,445	2,080
Calhoun----------	181								(6)	25	604	447
Carroll----------	220								(6)	40	450	750
Cass----------	302								(6)	40	1,936	1,029
Clarinda----------	453								(6)	60	2,629	1,425
Clarke----------	200								(6)	190	1,900	978
Clay----------	300								(6)	40	1,200	940
Dallas----------	400								(6)	76	2,736	1,623
Davis----------	200								(6)	137	1,200	700
E. Pottawattamie----	222								(6)	50	1,100	836
Emmet----------	128								(6)	82	911	505
Floyd----------	186								(6)	40	1,484	940
Greene----------	300								(6)	175	2,500	1,465

1/ See footnote(1) page 5.
2/ Buys semen from Indiana ABA
3/ Buys semen from Central Ohio ABA.
4/ Buys semen from Curtis Candy Co. AB Bull Stud (Illinois).
5/ Buys semen from Eastern Iowa ABA.
6/ Buys semen from Dairy Genetics, Inc.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/									Number of cows		
		A	J	G	H	BS	SH	NR	Total		Registered	Total	Bred (1949)
IOWA (continued)													
Guthrie	243								(2)		----	1,215	555
Hamilton	375								(2)		50	2,200	926
Hardin	425								(2)		200	2,975	1,654
Harrison	285								(2)		30	1,383	942
Henry	175								(2)		30	1,500	774
Ida	271								(2)		135	943	943
Jasper	459								(2)		100	2,754	1,876
Lamoni	274								(2)		85	1,096	709
Lucas	175								(2)		50	875	767
Madison	230								(2)		150	1,150	802
Mahaska	432								(2)		99	2,931	2,160
Mills	150								(2)		25	850	727
Monona	300								(2)		50	1,061	789
Monroe	205								(2)		25	1,050	765
Montgomery	150								(2)		100	1,500	628
Page-Fremont	295								(2)		70	1,770	803
Po-Ha-Mi	385								(2)		75	1,300	797
Polk	600								(2)		300	2,000	1,781
Poweshiek	325								(2)		100	1,672	1,672
Sac	400								(2)		45	1,645	1,371
Scott	400								(2)		200	2,400	1,671
Taylor	229								(2)		40	975	603
Union	324								(2)		50	1,620	1,084
Wapello	210								(2)		100	1,050	786
Warren	441								(2)		200	3,087	1,578
Washington	400								(2)		200	1,600	835
Woodbury	250								(2)		75	1,500	680
Western Iowa	1,100								(2)		500	6,800	5,450
N.W. Iowa Breeders' Co-op	----	--	--	3	5	4	4	--	16		----	----	----
Cherokee	150								(3)		100	1,400	1,020
Humboldt	275								(3)		75	2,300	1,592
Kossuth	120								(3)		200	840	814
Lyon	160								(3)		30	1,100	700
North Iowa	277								(3)		250	4,000	1,212
Northwest Iowa	495								(3)		150	2,475	2,100
Osceola	120								(3)		50	900	700
Plymouth	280								(3)		70	1,450	1,053
Pocahontas	200								(3)		----	800	634
Sioux	278								(3)		300	1,600	1,436
Tri-State	50								(4)		10	450	350
Midwest	40								(5)		25	325	175
Minn. Valley	483								(6)		129	3,092	1,895
Independent													
Crow-Irwin	150							4	4		150	1,500	1,500
Hawks	115								(7)		65	1,200	918
McMillan	25								(8)		15	200	166
Spink	20								(8)		20	200	200
Total	28,606	4	10	26	30	17	17	4	108		11,715	192,783	134,188
KANSAS (5)													
Arkansas Valley	135								(9)		95	800	540
Brown	235								(10)		160	1,700	1,258
Sedgwick	115								(10)		----	1,350	----
Labette	310								(11)		250	875	706
Pittsburg	100								(12)		----	1,000	801
Total	895										505	5,725	3,305

1/See footnote (1) page 5.
2/Buys semen from Dairy Genetics, Inc.
3/ Buys semen from N.W. Iowa Breeders' Co-op.
4/ Buys semen from Tri-State, Wisconsin.
5/ Buys semen from Midwest, Missouri.
6/ Buys semen from Minn. Valley Association.
7/ Buys semen from Wisconsin Scientific Breeders' Association.
8/ Buys semen from Minnesota (Ceylon).
9/ Buys semen from Western Oklahoma ABA.
10/Buys semen from University of Nebraska Bull Stud.
11/Buys semen from Eastern Oklahoma ABA.
12/Buys semen from Carthage ABA (Missouri).

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
KENTUCKY (35)												
Kentucky ABA	8,252	--	9	9	8	2/	--	--	26	---	70,040	40,751
(Affiliates)												
Anderson	(252)									---	(2,050)	(915)
Barren	(237)									---	(1,575)	(780)
Boone	(226)									---	(1,875)	(1,060)
Campbell	(238)									---	(1,863)	(1,259)
Central Ky	(303)									---	(2,593)	(1,557)
Daviss	(214)									---	(1,475)	(590)
Dix River	(251)									---	(1,962)	(1,296)
Fleming	(176)									---	(1,864)	(925)
Gateway	(143)									---	(1,216)	(548)
Grant	(216)									---	(2,343)	(1,468)
Graves	(293)									---	(1,530)	(880)
Green River	(212)									---	(1,326)	(696)
Jackson Purchase	(290)									---	(2,134)	(1,386)
Jefferson	(512)									---	(4,000)	(2,650)
Kenton	(248)									---	(1,637)	(1,138)
Ky-Ohio Valley	(179)									---	(1,584)	(809)
Logan	(214)									---	(2,400)	(1,653)
McCracken-Ballard	(224)									---	(1,790)	(961)
Madisonville	(156)									---	(1,230)	(216)
Marshall-Calloway	(358)									---	(1,977)	(1,212)
Mason	(313)									---	(2,349)	(1,488)
Nicholas	(255)									---	(1,448)	(754)
Nolin Valley	(201)									---	(1,634)	(905)
Oldham	(232)									---	(2,736)	(1,533)
Owen	(162)									---	(1,695)	(849)
Pendleton	(252)									---	(2,447)	(1,555)
Pennyroyal	(239)									---	(2,371)	(1,303)
Pulaski	(200)									---	(1,411)	(848)
Shelby	(287)									---	(3,638)	(2,308)
Simpson	(188)									---	(1,821)	(1,078)
Spencer	(177)									---	(2,496)	(1,644)
Taylor	(202)									---	(1,699)	(942)
Tri-County	(152)									---	(1,370)	(419)
Warren	(231)									---	(2,187)	(1,575)
Washington	(219)									---	(2,314)	(1,551)
LOUISIANA (36)												
Louisiana ABA	4,715	--	11	10	9	--	--	--	30	4,791	59,102	21,413
(Affiliates)												
A.J.V. Circuit	(182)									(131)	(1,616)	(591)
Assumption	(241)									(38)	(1,296)	(540)
Avoyelles	(192)									(99)	(1,434)	(524)
Baton Rouge 1 & 2	(209)									(212)	(2,927)	(1,387)
Beauregard-Vernon	(114)									(160)	(1,528)	(637)
Bagalusa	(65)									(24)	(1,107)	(303)
C-B ABA	(139)									(154)	(2,350)	(1,017)
Calcasieu	(58)									(41)	(1,266)	(496)
Carroll	(284)									(629)	(2,479)	(533)
Central La	(259)									(444)	(2,405)	(1,500)
Claiborne	(111)									(290)	(1,169)	(254)
DeSoto	(144)									(160)	(2,427)	(753)
Evangeline	(101)									(104)	(1,724)	(391)
Franklin	(119)									(85)	(2,361)	(659)
Franklinton #1	(111)									(133)	(1,901)	(714)
Franklinton #2	(61)									(65)	(1,272)	(397)
Husser-Loranger	(94)									(87)	(1,667)	(574)
Iberia	(171)									(87)	(1,660)	(1,086)
Jefferson	(42)									(151)	(1,512)	(479)
Lafayette	(149)									(97)	(1,229)	(634)
Livingston	(60)									(12)	(1,241)	(313)
Mt. Hermon	(135)									(31)	(2,065)	(1,172)
Natchitoches	(145)									(217)	(1,388)	(171)
New River	(96)									(63)	(1,041)	(16)
North La	(118)									(230)	(783)	(567)
No.Tangipanoa 1&2	(135)									(131)	(2,409)	(858)
Ouachita Valley	(155)									(133)	(2,083)	(836)
P. I. W	(149)									(201)	(1,313)	(413)
Ringgold	(145)									(75)	(1,047)	(254)
River Parishes #1	(111)									(121)	(1,331)	(177)
River Parishes #2	(52)									(36)	(1,315)	(470)
St. Helena	(93)									(97)	(1,591)	(638)
St. Landry	(126)									(113)	(1,184)	(474)
St. Tammany	(85)									(54)	(1,414)	(418)
So. Tangipahoa	(171)									(35)	(2,214)	(815)
Vermilion	(93)									(51)	(1,353)	(352)

1/ See footnote (1) page 5.
2/ Buys Brown Swiss semen from Central Ohio ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SB	NR	Total	Registered	Total	Bred (1949)
MAINE (21)												
Maine Breeding Coop-	7,838	(2)	15	11	17	--	--	--	46	---	26,093	26,093
(Affiliates)												
Bangor	(352)									---	---	(1,394)
Belfast	(440)									---	---	(1,715)
Caribou	(274)									---	---	(233)
Danforth	(95)									---	---	(424)
Dexter	(397)									---	---	(1,794)
Ellsworth	(268)									---	---	(477)
Fryeburg	(341)									---	---	(914)
Hollis Center	(528)									---	---	(1,050)
Houlton	(218)									---	---	(768)
Island Falls	(221)									---	---	(685)
Lisbon	(690)									---	---	(2,054)
Newport	(465)									---	---	(1,550)
New Portland	(425)									---	---	(1,610)
No. Berwick	(239)									---	---	(599)
Rumford	(286)									---	---	(924)
Skowhegan	(315)									---	---	(1,299)
So. Paris	(448)									---	---	(1,796)
Turner	(506)									---	---	(1,843)
Waldoboro	(330)									---	---	(1,026)
Waterville	(449)									---	---	(2,024)
York-Cumberland	(551)									---	---	(1,914)
MARYLAND (18)												
Maryland ABA	1,996	4	3	6	4	--	--	--	17	6,070	27,081	21,880
(Affiliates)												
Allegany	(48)									(200)	(852)	(948)
Anne Arundel	(21)									(75)	(314)	(276)
Baltimore	(187)									(500)	(1,778)	(1,762)
Caroline	(42)									(75)	(444)	(488)
Carroll	(189)									(550)	(2,498)	(2,273)
Cecil	(152)									(400)	(1,756)	(1,319)
Frederick	(164)									(650)	(2,693)	(2,365)
Garrett #1	(111)									(125)	(1,135)	(1,072)
Garrett #2	(92)									(100)	(978)	(1,016)
Harford	(194)									(600)	(2,742)	(2,465)
Howard	(128)									(450)	(1,878)	(1,920)
Kent-Cecil	(66)									(200)	(888)	(799)
Montgomery	(144)									(750)	(3,320)	(1,958)
Prince Georges	(27)									(75)	(271)	(255)
Queen Ann	(131)									(500)	(1,981)	(865)
Talbot	(126)									(350)	(1,458)	(434)
Washington	(159)									(450)	(1,899)	(1,638)
Worcester	(15)									(20)	(196)	(27)
MASSACHUSETTS (11)												
Mass.Breeding Ass'n-	4,022	12	3/2	10	12	10	--	--	46	2,244	23,195	23,195
(Affiliates)												
Berkshire	(404)									(264)	---	(2,585)
Bristol	(243)									(121)	---	(1,400)
Dukes	(40)									(22)	---	(151)
Essex	(260)									(143)	---	(1,221)
Franklin	(388)									(319)	---	(2,973)
Hampden	(332)									(132)	---	(1,571)
Hampshire	(361)									(242)	---	(2,404)
Middlesex	(439)									(220)	---	(2,697)
Norfolk	(308)									(110)	---	(1,225)
Plymouth	(290)									(121)	---	(1,649)
Worcester	(957)									(550)	---	(5,319)

1/ See footnote (1) page 5.
2/ Ayrshire semen purchased from Mass. Selective Breeding Association.
3/ Also buys Jersey semen from Maine ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
MICHIGAN (144)												
Michigan ABA	21,794	--	13	22	34	--	--		2/76	14,591	140,445	90,000
(Affiliates)												
Alcona	(125)									(90)	(900)	---
Alger	(75)									(52)	(525)	---
Allegan-Central	(220)									(100)	(1,000)	---
Allegan-Fenville	(75)									(52)	(525)	---
Allegan-Plainwell	(90)									(60)	(600)	---
Alpena	(90)									(70)	(700)	---
Antrim-Charlevoix	(175)									(100)	(1,000)	---
Antrim-Kewadin	(50)									(40)	(400)	---
Arenac-Standish	(150)									(95)	(950)	---
Baraga-South	(55)									(40)	(400)	---
Baraga-Sturgeon	(85)									(55)	(550)	---
Barry-Dowling	(190)									(135)	(1,350)	---
Barry-Hastings	(240)									(130)	(1,300)	---
Barry-Southwest	(110)									(72)	(725)	---
Bay-Northern	(150)									(100)	(1,000)	---
Bay-Southern	(150)									(95)	(950)	---
Berrien-South	(175)									(105)	(1,050)	---
Branch-Gilead	(180)									(115)	(1,150)	---
Branch-Quincy	(275)									(165)	(1,650)	---
Calhoun-Southeast	(280)									(162)	(1,625)	---
Calhoun-West	(275)									(155)	(1,550)	---
Cass Cassopolis	(275)									(150)	(1,500)	---
Cass-Marcellus	(130)									(82)	(825)	---
Charlevoix-Boyne City	(90)									(72)	(725)	---
Cheboygan	(100)									(84)	(840)	---
Chippewa-North	(40)									(40)	(400)	---
Chippewa-Cloverland	(90)									(65)	(650)	---
Clare-Isabella	(100)									(50)	(100)	---
Clinton-Ovid	(145)									(92)	(925)	---
Clinton-Southeast	(160)									(110)	(1,100)	---
Clinton-St.Johns	(295)									(165)	(1,650)	---
Delta-Escanaba	(115)									(92)	(925)	---
Delta-Rock	(60)									(55)	(550)	---
Dickinson-Alfalfaland	(125)									(52)	(525)	---
Dickinson-North	(105)									(77)	(775)	---
Emmet-North	(85)									(71)	(710)	---
Emmet-South	(105)									(75)	(755)	---
Genesee-Flushing	(225)									(113)	(1,135)	---
Genesee-G'rich-GB	(230)									(152)	(1,520)	---
Genesee-Northeast	(185)									(82)	(825)	---
Genesee-Southwest	(240)									(150)	(1,500)	---
Gladwin-Clare	(125)									(100)	(1,000)	---
Gogebic-Range	(180)									(91)	(910)	---
Grand Traverse-TC	(150)									(110)	(1,100)	---
Gratiot-Northwest	(260)									(150)	(1,500)	---
Gratiot-Southwest	(225)									(143)	(1,430)	---
Hillsdale-Litchfield	(90)									(75)	(750)	---
Hillsdale-N.Adams	(160)									(87)	(875)	---
Hillsdale-Pittsford	(100)									(62)	(625)	---
Hillsdale-Reading	(170)									(92)	(925)	---
Houghton-Copper	(80)									(55)	(550)	---
Houghton-Port.Lake	(100)									(52)	(525)	---
Huron-Central	(50)									(50)	(500)	---
Huron-Harbor Beach	(125)									(75)	(750)	---
Huron-Pigeon	(150)									(95)	(950)	---
Huron-Tuscola	(80)									(52)	(525)	---
Ingham-Leslie	(190)									(105)	(1,050)	---
Ingham-Mason	(425)									(297)	(2,975)	---
Ingham-Stockbridge	(300)									(245)	(2,450)	---
Ingham-Williamston	(250)									(152)	(1,525)	---
Ionia #1	(310)									(157)	(1,575)	---
Ionia-Portland	(30)									(40)	(400)	---
Iosco-Tawas City	(120)									(70)	(700)	---
Iron County	(85)									(40)	(400)	---
Isabella-Mt. P	(80)									(52)	(525)	---
Isabella-Nottawa	(145)									(97)	(975)	---
Isabella-Rolland	(100)									(75)	(750)	---
Jackson	(490)									(287)	(2,875)	---
Kalamazoo-East	(155)									(112)	(1,125)	---
Kalamazoo-West	(310)									(167)	(1,675)	---
Kalkaska	(110)									(82)	(820)	---
Lapeer-Columb'ville	(130)									(95)	(950)	---

1/ See footnote (1) page 5.
2/ Includes 7 Red Danes

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
MICHIGAN (continued)												
Mich. ABA (cont'd)												
(Affiliates)												
Lapeer-Hadley-----	(140)									(85)	(850)	---
Lapeer-Imlay City-	(220)									(180)	(1,800)	---
Lapeer-N.Branch---	(100)									(85)	(850)	---
Leelanau----------	(110)									(82)	(825)	---
Lenawee-Addison---	(135)									(86)	(860)	---
Lenawee-Britton---	(100)									(66)	(660)	---
Lenawee-Morenci---	(80)									(67)	(670)	---
Lenawee-Sand Creek:	(130)									(80)	(800)	---
Lenawee-Tipton----	(190)									(152)	(1,525)	---
Livingston-Bri'ton:	(255)									(112)	(1,125)	---
Livingston NW-----	(270)									(182)	(1,825)	---
Luce-Mackinac-----	(60)									(600)	(600)	---
Macomb-Richmond---	(250)									(145)	(1,450)	---
Macomb-Romeo------	(135)									(96)	(960)	---
Manistee County---	(90)									(52)	(525)	---
Mason-Scottville--	(220)									(151)	(1,510)	---
Mecosta-Big Rapids:	(130)									(72)	(725)	---
Mecosta-Mor-S'wood:	(100)									(70)	(700)	---
Mecosta-Remus-----	(90)									(75)	(750)	---
Mecosta-Barryton--	(80)									(70)	(700)	---
Midland----------	(105)									(62)	(625)	---
Missaukee-Falmouth:	(90)									(65)	(650)	---
Missaukee-Lake City	(107)									(62)	(620)	---
Missaukee-Southwest	(90)									(72)	(720)	---
Monroe-Maybee-----	(165)									(98)	(980)	---
Monroe-Samaria----	(240)									(115)	(1,150)	---
Montcalm-Dairyland:	(160)									(110)	(1,100)	---
Montcalm-Sheridan-	(235)									(131)	(1,310)	---
Musk.B'wick-Holton:	(135)									(115)	(1,150)	---
Muskegon-Ravenna--	(250)									(165)	(1,650)	---
Muskegon-Northwest:	(90)									(89)	(890)	---
Newaygo-Fremont---	(170)									(121)	(1,210)	---
Oakland-Southwest-	(160)									(79)	(790)	---
Oak'd-Davisburg #2:	(110)									(78)	(780)	---
Oakland-Oxford----	(80)									(55)	(550)	---
Oceana----------	(170)									(85)	(850)	---
Ogemaw #1---------	(110)									(84)	(840)	---
Ontonagon-Bruce---	(80)									(52)	(525)	---
Ontonagon-Mass----	(90)									(52)	(525)	---
Otsego-Gaylord----	(80)									(72)	(725)	---
Osceola-Evart-----	(75)									(50)	(500)	---
Osceola-Reed City-	(105)									(77)	(775)	---
Presque-Isle-Hawks:	(125)									(71)	(710)	---
Saginaw-Art. Hill-	(180)									(120)	(1,200)	---
Saginaw-Chesaning-	(190)									(122)	(1,225)	---
Saginaw-Frank'muth:	(130)									(97)	(975)	---
Saginaw-Fran'trost:	(95)									(63)	(630)	---
Saginaw-Hemlock---	(186)									(115)	(1,150)	---
Sanilac-Brown City:	(220)									(171)	(1,710)	---
Sanilac-Croswell--+	(220)									(155)	(1,550)	---
Sanilac-Deck'ville:	(168)									(147)	(1,475)	--
Sanilac-Marlette--+	(160)									(157)	(1,570)	---
Sanilac-M'den City:	(95)									(77)	(775)	---
Sanilac-Sandusky--:	(250)									(143)	(1,430)	---
Sch'craft-Man'tique	(60)									(52)	(525)	---
Shiawassee-Hen'son:	(105)									(81)	(810)	---
Shiawassee-Perry--:	(125)									(67)	(670)	---
St. Clair-Yale----:	(230)									(141)	(1,410)	---
St. Joseph-Mendon-:	(170)									(85)	(850)	---
St. Joseph-Sturgis:	(230)									(142)	(1,425)	---
St. Joseph-3 Rivers	(160)									(100)	(1,000)	---
Tuscola-Cass City-+	(125)									(82)	(825)	---
Tuscola-Kingston--:	(130)									(92)	(925)	---
Tuscola-Mill'ton--:	(218)									(85)	(850)	---
Tuscola-Vassar----:	(140)									(85)	(850)	---
Van Buren---------:	(350)									(151)	(1,510)	---
Washtenaw-Lincoln-:	(120)									(81)	(810)	---
Washtenaw-Salem---:	(90)									(79)	(790)	---
Washtenaw-Chelsea-:	(120)									(102)	(1,020)	---
Wexford-Manton----:	(55)									(42)	(425)	---
Wexford-Mesick----:	(85)									(53)	(530)	---
Wexford-South-----:	(90)									(57)	(575)	---

1/ See footnote (1) page 5.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	E	BS	SH	NR	Total	Registered	Total	Bred (1949)
MINNESOTA (126)												
Barnum	---	--	--	--	--	--	--	8	8	---	2,500	2,500
Floodwood Coop	---	--	--	6	3	--	--	--	9	---	3,581	3,581
Land O'Lakes	8,223	--	8	10	13	6	7	--	44	---	42,510	42,510
(Affiliates)												
Anoka-Hennepin	(416)									---	---	(2,942)
Askov	(159)									---	---	(902)
Becker	(589)									---	---	(2,404)
Blackduck	(272)									---	---	(1,476)
Crow Wing	(220)									---	---	(1,083)
Chisago	(380)									---	---	(1,964)
Douglas	(468)									---	---	(3,274)
E. Ottertail	(763)									---	---	(3,956)
First District	(282)									---	---	(1,755)
Farmers' Co-op	(170)									---	---	(742)
Friendly Valley	(424)									---	---	(1,946)
Hinckley	(210)									---	---	(1,248)
Isanti	(304)									---	---	(1,870)
Itasca	(252)									---	---	(609)
Kanabec	(313)									---	---	(1,069)
Mahnomen	(93)									---	---	(328)
Morrison	(369)									---	---	(2,127)
No. Central	(500)									---	---	(2,703)
No. Pine	(132)									---	---	(666)
Northome	(98)									---	---	(448)
Polk-Norman	(148)									---	---	(911)
Red River	(288)									---	---	(1,162)
Remer	(109)									---	---	(392)
Sheright	(278)									---	---	(1,859)
South Pine	(320)									---	---	(1,802)
Stevens	(238)									---	---	(1,036)
Tri-County	(190)									---	---	(913)
Wild Rice	(238)									---	---	(923)
Minnesota Valley	---	--	4	9	22	5	3	--	43	---	76,802	76,802
(Affiliates)												
Albany	---									---	---	(179)
Appleton	---									---	---	(671)
Arlington	---									---	---	(161)
Battle Lake	---									---	---	(398)
Belgrade	---									---	---	(1,172)
Beltrami	---									---	---	(1,525)
Bertha	---									---	---	(2,583)
Big Stone	---									---	---	(479)
Bricelyn	---									---	---	(360)
Brown	---									---	---	(3,184)
Carver	---									---	---	(1,999)
Chippewa	---									---	---	(1,141)
Clara City	---									---	---	(165)
Clarissa	---									---	---	(253)
Clay	---									---	---	(828)
Cottonwood	---									---	---	(1,984)
Dakota	---									---	---	(2,122)
Dassel	---									---	---	(2,385)
Eden Valley	---									---	---	(1,210)
Fergus Falls	---									--	---	(2,267)
Grant	---									---	---	(1,154)
Hastings	---									---	---	(793)
Hennepin	---									---	---	(1,918)
Howard Lake	---									---	---	(953)
Hubbard	---									---	---	(970)
Hutchinson	---									---	---	(1,172)
Jackson	---									---	---	(1,195)
Kandiyohi	---									---	---	(2,046)
Lac qui Parle	---									---	--	(1,232)
Lake Crystal	---									---	--	(830)
Lincoln	---									---	---	(1,306)
Long Prairie	---									---	---	(1,471)
Lyon	---									---	---	(1,712)
Mc Leod	---									---	---	(1,896)
Melrose	---									---	---	(1,350)
Murray	---									---	---	(995)

1/ See footnote (1) page 5.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
MINNESOTA (continued)												
Minn. Valley (con't)												
(Affiliates)												
New Prague	---									---	---	(2,999)
Nobles	---									---	---	(1,277)
Pelican Rapids	---									---	---	(1,188)
Pope	---									---	---	(1,625)
Redwood	---									---	---	(1,261)
Renville	---									---	---	(3,056)
Rock	---									---	---	(900)
St. Cloud	----									---	---	(1,423)
St. Michael	---									---	---	(827)
St. Peter	---									---	---	(2,752)
Shakopee	---									---	---	(349)
Sibley	---									---	---	(1,512)
Swift	---									---	---	(1,604)
Traverse	---									---	---	(361)
Wadena	---									---	---	(1,685)
Waseca	---									---	---	(2,834)
Waterville	---									---	---	(330)
Watonwan	---									---	---	(35)
Wilkin	---									---	---	(741)
Winnebago	---									---	---	(932)
Wright	---									---	---	(1,185)
Yellow Medicine	---									---	---	(1,807)
Northwest Minn	1,287	--	--	--	--	--	--	17	17	---	7,167	7,167
(Affiliates)												
Bagley	(137)									---	---	(886)
Badger-Greenbush	(63)											($19)
Fosston	(173)									---	---	(1,188)
Goodridge	(59)									---	---	(317)
Grygla	(39)									---	---	(225)
Karlstad	(46)									---	---	(166)
Lancaster	(104)									---	---	(419)
Middle River	(70)									---	---	(417)
Roseau	(135)									---	---	(742)
Spooner	(85)									---	---	(370)
Thief River Falls	(216)									---	---	(1,406)
Warren	(89)									---	---	(441)
Warroad	(71)									---	---	(271)
Northwestern ABA	---	--	3	6	6	4	--	--	19	---	---	---
Aitkin	---								(2)	---	4,239	4,239
Cass	---								(2)	---	756	756
Embarrass Valley	---								(2)	---	161	161
Lakehead	---								(2)	---	857	857
Little Fork	---								(2)	---	311	311
No. St. Louis	---								(2)	---	976	976
Quamba	---								(2)	---	19	19
St. Louis Valley	---								(2)	---	620	620
Staples	---								(2)	---	1,483	1,483
Waino-Walkama	---								(2)	---	419	419
West St. Louis	---								(2)	---	750	750
Southern Minn	---	--	--	--	--	--	--	--	(3)	---	32,659	32,659
(Affiliates)												
Austin	---									---	---	(2,465)
Clark's Grove	---									---	---	(3,326)
Dodge	---									---	---	(1,162)
Goodhue	---									---	---	(7,983)
Harmony	---									---	---	(3,687)
Olmsted	---									---	---	(2,067)
Steele	---									---	---	(6,491)
Wabasha	---									---	---	(2,696)
Winona	---									---	---	(2,782)
Tri-State	---	--	--	--	--	--	--	--	(4)	---	11,771	11,771
Tilney Farms	---	--	--	4	5	--	3	--	12	---	1,751	1,751
(Affiliates)												
Heron Lake	---									---	---	(68)
Lake Crystal	---									---	---	(149)
Lewisville	---									---	---	(1,192)
Redwood Falls	---									---	---	(342)
Total	9,510	--	15	35	49	15	13	25	152	---	189,332	189,332

1/ See footnote (1) page 5.
2/ Buys semen from Northwestern ABA.
3/ Bulls reported under Minn. Valley (Owned cooperatively).
4/ Buys semen from Tri-State, Wis.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of Cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
MISSISSIPPI (27)												
Miss. ABA Co-op	1,933	--	9	--	--	--	--	--	9	936	11,812	5,527
(Affiliates)												
Alcorn	(278)									(315)	(1,140)	(458)
Attala	(375)									(100)	(1,200)	(522)
Chickasaw	(64)									(150)	(600)	(321)
Clay	---									(31)	(431)	(321)
Lowndes	(205)									---	(1,200)	(880)
Monroe	(194)									(30)	(408)	(388)
Montgomery-Carroll	(87)									---	(466)	(196)
Newton	(275)									(250)	(2,790)	(575)
Oktibbeha	(163)									---	(1,105)	(546)
Picayune	(25)									---	(650)	(500)
Poplarville	(23)									---	(260)	(260)
South Miss.	(163)									(55)	(887)	(431)
Stone	(81)									(5)	(675)	(129)
Miss.ABA(Pike Stud)	1,006	--	9	--	--	--	--	--	9	1,016	10,918	6,228
(Affiliates)												
Copiah-Lincoln	---									(150)	(1,350)	(1,093)
Forrest	(254)									(98)	(782)	(507)
Franklin	(50)									(30)	(200)	(179)
Hinds-Rankin	(141)									---	(1,808)	(572)
Marion	(105)									(250)	(1,750)	(925)
Pike	(329)									(411)	(3,123)	(1,754)
Walthall	(127)									(77)	(1,905)	(1,198)
Tupelo Area ABA	2,704	--	8	--	--	--	--	--	8	2,320	6,981	6,961
(Affiliates)												
Booneville	---									(244)	(905)	(905)
Fulton	---									(245)	(818)	(818)
New Albany	(452)									(214)	(822)	(802)
Pontotoc	---									(251)	(835)	(835)
Tupelo	---									(1,366)	(3,601)	(3,601)
DeSoto	107	--	--	--	--	--	--	--	(2)	200	950	529
Hinds-Rankin	---	--	--	4	--	--	--	--	4	---	163	163
Total	5,750	--	26	4	--	--	--	--	30	4,472	30,824	19,408
MISSOURI (84)												
East Missouri	1,996	--	6	7	5	--	--	--	18	2,000	17,657	8,234
(Affiliates)												
Cape Girardeau	---									---	(879)	(396)
Cole	---									---	(1,258)	(613)
Columbia	---									---	(391)	(94)
Farmington	---									---	(1,117)	(315)
Jefferson	---									---	(2,045)	(1,048)
LaBelle	---									---	(1,436)	(750)
O'Fallan	---									---	(1,753)	(976)
Osage	---									---	(1,071)	(257)
Perry	---									---	(1,318)	(835)
Pike	---									---	(1,007)	(469)
Scott	---									---	(770)	---
Troy	---									---	(1,237)	(403)
Versailles	---									---	(1,049)	(445)
Washington	---									---	(1,746)	(1,053)
Independent 3/	---									---	(580)	(580)
Mo. Dairy Breeding	1,350	--	4	3	--	--	--	--	7	1,800	12,000	9,239
(Affiliates)												
Anderson	(200)									---	(1,500)	(1,013)
Carthage	(200)									---	(2,000)	(1,465)
Jasper	(150)									---	(1,500)	(1,148)
Joplin	(200)									---	(1,500)	(1,100)
Mt. Vernon	(200)									---	(1,800)	(1,300)
Neosho	(300)									---	(2,500)	(2,180)
Nevada	(100)									---	(1,200)	(1,033)
M. F. A	9,000	--	17	10	4	--	--	--	31	5,000	28,560	26,799
(Affiliates)												
Ash Grove	---									---	(841)	(841)
Ava	---									---	(609)	(609)
Billings	---									---	(965)	(965)
Bolivar	---									---	(647)	(647)
Brighton	---									---	(506)	(506)

1/ See footnote (1) page 5.
2/ Buys semen from Southeastern ABA(North Carolina) and Indiana ABA
3/ Independent Circuits or Services that buy semen from Eastern Mo. ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
MISSOURI (continued)												
M. F. A (continued)												
(Affiliates)												
Buffalo	---									---	(860)	(860)
Cabool	---									---	(865)	(865)
Casville	---									---	(726)	(678)
Conway	---									---	(586)	(583)
Crane	---									---	(904)	(904)
Dadeville	---									---	(578)	(578)
El Dorado Springs	---									---	(528)	(528)
Fordland	---									---	(828)	(828)
Greenfield	--									---	(794)	(794)
Hartville	---									---	(284)	(284)
Houston	---									---	(442)	(442)
Humansville	---									---	(1,022)	(1,022)
Lebanon	---									---	(926)	(926)
Mansfield	---									---	(520)	(520)
Marshfield	---									---	(629)	(629)
Monett	---									---	(968)	(968)
Mtn. Grove	---									---	(626)	(626)
Ozark	---									---	(697)	(697)
Sedalia	---									---	(1,224)	(989)
Springfield	---									---	(4,290)	(4,290)
Walnut Grove	---									---	(623)	(623)
Warrensburg	---									---	(660)	(660)
West Plains	---									---	(703)	(703)
Alton	---									---	(362)	(362)
Birch Tree	---									---	(266)	(266)
Clinton	---									---	(364)	(328)
Cole Camp	---									---	(155)	(155)
Etterville	---									---	(385)	(158)
Richland	---									---	(329)	(90)
Kirbyville	---									---	(267)	(267)
Osceola	---									---	(330)	(330)
Rolla	--									---	(343)	(223)
Salem	---									---	(225)	(225)
Stockton	---									---	(441)	(441)
Vienna	---									---	(158)	(122)
Warsaw	---									---	(327)	(267)
Grandy	---									---	(294)	---
Grove Spring	---									---	(167)	---
Willow Springs	---									---	(281)	---
Columbia	---									---	(15)	---
Midwest	2,275	--	5	7	6	3	--	--	21	400	10,825	5,677
(Affiliates)												
Blue Springs	(200)									(30)	(950)	(575)
Boonville	(100)									(20)	(470)	(137)
Brookfield	(100)									(10)	(385)	(110)
Butler	(175)									(45)	(860)	(620)
Cameron	(150)									(10)	(450)	(190)
Carrollton	(100)									(5)	(325)	(110)
Clarence	(100)									(20)	(500)	(150)
Columbia	(75)									(20)	(375)	(170)
Concordia	(125)									(30)	(275)	(200)
Excelsior Springs	(150)									(25)	(750)	(460)
Gallatin	(125)									(10)	(495)	(250)
Kirksville	(150)									(25)	(590)	(255)
Lancaster	(100)									(5)	(225)	(225)
Maryville	(100)									(15)	(700)	(375)
Meadville	(75)									(15)	(500)	(230)
Princeton	(75)									(5)	(175)	(45)
St. Joseph	(200)									(40)	(1,450)	(650)
Trenton	(175)									(70)	(1,350)	(925)
Total	14,621	--	32	27	15	3	--	--	77	9,200	69,042	49,949

1/ See footnote (1) page 5.

ARTIFICIAL BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
MONTANA (10)												
Western Mont. ABA	1,155	--	3	3	3				9	520	9,129	6,480
(Affiliates)												
Arlee	(135)									(55)	(998)	(652)
Bozeman	(176)									(75)	(1,346)	(966)
Hamilton	(131)									(100)	(1,316)	(981)
Hot Springs	(26)									(20)	(278)	(152)
Kalispell	(181)									(60)	(1,478)	(1,158)
Livingston	(17)									(10)	(249)	(114)
Missoula	(152)									(35)	(800)	(598)
Ronan	(149)									(70)	(1,147)	(896)
Stevensville	(164)									(85)	(1,254)	(827)
Trout Creek	(24)									(10)	(263)	(136)
NEBRASKA (29)												
Elkhorn AB Stud	----	--	--	4	8	3	3	--	18	----	----	----
Douglas	339								(2)	150	2,000	1,493
Burt	200								(2)	20	350	421
Cheyenne	251								(2)	50	700	650
Dakota-Dixon	208								(2)	8	500	256
Dawson	228								(2)	2	752	382
Dodge	219								(2)	100	1,335	641
Loup Valley	110								(2)	36	750	227
Polk	345								(2)	100	1,200	450
Saunders	115								(2)	100	610	552
Washington	175								(2)	25	1,500	779
Univ. of Nebr. Bull Stud	----	--	4	8	11	5	3	--	31	--	--	--
Box Butte	100								(3)	10	550	400
Central Nebr	216								(3)	40	1,407	644
Farmer's Dairy	280								(3)	20	900	754
Fillmore	210								(3)	15	568	568
Gage	335								(3)	150	1,375	1,336
Johnson	430								(3)	40	2,150	1,114
Lancaster	739								(3)	110	3,695	1,927
Otoe	331								(3)	35	1,900	1,162
Republican	300								(3)	35	1,300	1,034
Richardson	900								(3)	140	4,000	3,200
Saline	175								(3)	10	696	696
Seward	440								(3)	120	2,600	1,177
York	265								(3)	75	2,000	1,305
Norfolk Stud	----	--	--	3	3	(4)	3	--	9	--	--	--
Cuming	324								(5)	20	1,500	1,034
Humphrey	147								(5)	60	1,210	967
Knox	273								(5)	0	1,000	684
Norfolk	420								(5)	50	2,500	2,403
Tri-County	256								(5)	50	1,000	600
Wayne	422								(5)	75	1,450	1,061
Total	8,753	--	4	15	22	8	9	--	58	1,646	41,498	27,924
NEW HAMPSHIRE (13)												
New Hampshire ABA	3,245	--	12	9	11	--	--	--	32	4,920	23,941	16,112
(Affiliates)												
Colebrook	(114)									(230)	(1,414)	(1,000)
Claremont	(208)									(375)	(2,105)	(1,293)
Concord	(270)									(370)	(1,436)	(1,023)
Concord-Belknap	(337)									(320)	(1,720)	(1,111)
Exeter	(376)									(620)	(2,511)	(1,731)
Laconia	(215)									(325)	(1,588)	(911)
Lancaster	(169)									(145)	(1,701)	(1,022)
Lebanon	(354)									(725)	(3,106)	(2,353)
Nashua	(426)									(470)	(2,311)	(1,737)
Peterboro	(274)									(270)	(1,583)	(1,[illegible])
Rochester	(214)									(400)	(1,200)	(587)
Walpole	(130)									(300)	(1,225)	(990)
Woodsville	(158)									(370)	(2,041)	(1,028)

1/ See footnote (1) page 5.
2/ Buys semen from Elkhorn AB Stud.
3/ Buys semen from University of Nebraska Stud.
4/ Buys Brown Swiss semen from University of Nebraska Stud.
5/ Buys semen from Norfolk Stud.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
NEW JERSEY (9)												
Co-op #1 ABA	2,200	--	3	7	8	2	--	--	20	1,800	15,000	13,126
Tri-County	60								(2)	60	500	450
Plainsboro	625	--	2	5	6	3			16	550	8,000	7,800
Burlington	646								(3)	600	5,300	4,833
Monmouth	300								(3)	150	1,700	1,200
South Jersey	415								(3)	220	2,700	2,350
Sussex Co-op	487	--	--	8	10	1	--	--	19	1,100	7,500	6,743
Morris	318								(4)	200	2,100	1,806
Northeast Co-op	250								(4)	145	1,300	1,150
Total	5,301	--	5	20	24	6	--	--	55	4,825	44,100	39,458
NEW MEXICO (1)												
Eddy AB Co-op	12								(5)	9	750	621
NEW YORK (70)												
Broome	1,632	--	3	3	6	--	--	--	12	6,500	18,500	5,945
Rondout	11	--	--	--	2	--	--	--	2	300	375	375
Seneca	400	--	--	--	--	--	--	--	(6)	1,300	2,500	1,752
New York AB Co-op (Affiliates) 8/	3,900	13	20	28	41	5	--	--	107	24,803	265,669	145,901
Total	5,943	13	23	31	49	5	--	--	121	32,903	287,044	153,973
NORTH CAROLINA (50)												
Forsyth	515	--	--	3	4	--	--	--	7	175	2,625	1,499
Southeastern ABA	---	--	5	5	7	--	--	--	17	---	---	---
Alamance	225								(7)	120	1,250	1,002
Alexander	125								(7)	35	600	307
Alleghany	360								(7)	50	1,450	519
Anson	25								(7)	25	150	21
Ashe	110								(7)	25	510	475
Buncombe	175								(7)	135	1,250	1,061
Caldwell	175								(7)	50	850	508
Catawba	130								(7)	75	750	535
Chatham	100								(7)	65	600	398
Cleveland	380								(7)	100	2,208	993
Coastal	164								(7)	35	740	307
Cumberland	50								(7)	40	425	160
Davidson	195								(7)	125	1,275	499
Davie	180								(7)	70	1,515	1,109
Gaston	195								(7)	65	1,410	878
Granville	225								(7)	50	912	281
Guilford	230								(7)	145	1,405	910
Haywood	260								(7)	75	1,240	909
Henderson	175								(7)	100	1,182	863
Iredell	377								(7)	225	2,520	1,156
Jackson	80								(7)	40	375	55
Johnston	40								(7)	25	240	202
Lee	192								(7)	52	526	105
Lenoir	45								(7)	45	435	249
Macon	118								(7)	50	561	426
Madison	35								(7)	20	150	168
McDowell	125								(7)	40	475	233
Mecklenburg	237								(7)	185	1,535	1,044
Mitchell	300								(7)	40	910	179
Montgomery	162								(7)	35	575	154
Moore	360								(7)	80	1,045	250
Murphy	263								(7)	70	952	525
Orange	135								(7)	40	950	685
Randolph	340								(7)	140	2,160	1,089
Rockingham	165								(7)	70	915	808

1/ See footnote (1) page 5.
2/ Buys semen from Co-op # 1 ABA.
3/ Buys semen from Plainsboro ABA.
4/ Buys semen from Sussex Co-op.
5/ Buys semen from Texas Tech Bull Stud.
6/ Buys semen from Indiana Scientific Breeding Institute.
7/ Buys semen from Southeastern ABA
8/ New York AB Co-op Affiliates: Adirondack; Albany; Allegany; Altona; Canton; Catskill; Cattaraugus; Cayuga; Champlain Valley; Chautauqua; Chenango; Columbia; Cooperstown; Cortland; No. Delaware; Dutchess; Northern Erie; Southern Erie; Essex; Franklin; Genesee; Gilboa; Gouveneur; Greene; Hancock; Herkimer; Jefferson; Lakeland; Lewis Lewneida; Livingston; Madison; Margaretville; Mohawk; Monroe; Montgomery; Nassau; Niagara; North Shore; Oneida; Oneonta; First Onondaga; Ontatio; On-Wego; Orange; Orleans; Oswego; Pioneer; Rensselaer; Saratoga; Schoharie-Valley; Schuyler-Chemung; St. Lawrence; Eastern St. Lawrence; Steuben; Suffock; Sullivan; Tioga; Ulster; United; Walton; Washington; Wayne; Wharton Valley; Worcester; Wyoming; Yates.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	[illegible]	G	[illegible]	[illegible]	SH	[illegible]	Total	Registered	Total	[illegible]
NORTH CAROLINA (Cont'd)												
Rowan	148								(2)	120	1,875	708
Rutherford	[illegible]								[illegible]	75	950	714
Stokes	233								(2)	[illegible]	790	220
Surry	210								(2)	[illegible]	1,020	[illegible]
Transylvania	75								(2)	20	[illegible]	[illegible]
Twin	40								(2)	30	410	243
Union	290								(2)	175	1,971	1,270
Vance-Warren	160								(2)	40	810	623
Wake	220								(2)	100	1,100	614
Watauga	125								(2)	30	540	345
Wayne	120								(2)	60	575	311
Wilkes	105								(2)	30	475	303
Yadkin	165								(2)	100	1,110	421
Yancey	175								(2)	30	760	233
Total	9,189	--	5	8	11	--	--	--	24	3,642	49,322	27,123
NORTH DAKOTA (10)												
Cass	150								(3)	120	1,121	330
Hankinson	220								(3)	60	1,550	674
LaMoure-Edgely	114								(4)	350	1,100	462
Ransom	128								(3)	85	1,085	326
Red River Valley	75								(4)	150	750	450
Richland-Wilken	90								(3)	80	750	300
Sargent	295								(3)	20	2,400	775
Sheyenne	87								(4)	150	820	231
Traill	225								(3)	25	1,100	335
Valley Breeders	102								(4)	75	1,200	525
Total	1,486								0	1,115	11,876	4,408
OHIO (84)												
Northern Ohio	16,629	7	10	11	11	6	--	-	45	8,171	116,117	68,089
(Affiliates)												
Ashland	(714)									(365)	----	(3,040)
Belmont	(415)									(227)	----	(1,892)
Champaign	(460)									(233)	----	(1,941)
Crawford	(605)									(292)	----	(2,436)
Delaware	(728)									(434)	----	(3,616)
Erie	(272)									(115)	----	(956)
Hancock	(530)									(211)	----	(1,760)
Hardin	(414)									(180)	----	(1,501)
Henry	(527)									(210)	----	(1,749)
Holmes	(450)									(246)	----	(2,050)
Huron	(507)									(240)	----	(1,997)
Knox	(580)									(250)	----	(2,083)
Logan	(682)									(352)	----	(2,937)
Lorain	(697)									(337)	----	(2,810)
Lucas	(179)									(70)	----	(582)
Marion	(436)									(209)	----	(1,744)
Medina	(736)									(380)	----	(3,169)
Monroe	(333)									(188)	----	(1,570)
Morrow	(594)									(238)	----	(1,980)
Ottawa	(282)									(111)	----	(922)
Putnam	(476)									(209)	----	(1,745)
Richland	(625)									(233)	----	(1,944)
Sandusky	(593)									(183)	----	(1,521)
Seneca	(819)									(334)	----	(2,785)
Stark	(567)									(405)	----	(3,375)
Union	(604)									(342)	----	(2,847)
Wayne	(870)									(538)	----	(4,479)
Williams	(544)									(249)	----	(2,075)
Wood	(693)									(190)	----	(1,582)
Wyandot	(656)									(329)	----	(2,739)
Miscellaneous	(41)									(271)	----	(2,262)

1/ See footnote (1) page 5.
2/ Buys semen from Southeastern ABA.
3/ Buys semen from Minnesota Valley ABA.
4/ Buys semen from Land O'Lakes, Minnesota, ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
OHIO (continued)												
Central Ohio	19,150	6	13	9	9	7	--	--	44	13,766	100,000	74,383
(Affiliates)												
Adams	(160)									(50)	----	(551)
Allen	(525)									(585)	----	(2,974)
Athens	(175)									(150)	----	(1,036)
Ashtabula	(625)									(550)	----	(2,675)
Auglaize	(575)									(500)	----	(2,501)
Brown	(225)									(125)	----	(936)
Butler	(450)									(290)	----	(1,541)
Carroll	(350)									(300)	----	(1,604)
Clark	(350)									(290)	----	(1,421)
Clermont	(380)									(300)	----	(1,590)
Clinton	(250)									(100)	----	(836)
Columbiana	(525)									(300)	----	(1,810)
Coshocton	(400)									(110)	----	(1,620)
Darke	(800)									(525)	----	(2,522)
Defiance	(400)									(200)	----	(1,084)
Fairfield	(370)									(270)	----	(1,394)
Fayette	(180)									(120)	----	(671)
Franklin	(380)									(310)	----	(1,686)
Fulton	(500)									(310)	----	(1,688)
Gallia	(175)									(100)	----	(979)
Geauga Lake	(800)									(200)	----	(1,236)
Greene	(380)									(275)	----	(1,507)
Guernsey	(180)									(100)	----	(839)
Hamilton	(250)									(90)	----	(768)
Harrison	(170)									(100)	----	(942)
Highland	(300)									(275)	----	(1,636)
Hocking	(125)									(60)	----	(555)
Jackson	(75)									(55)	----	(514)
Jefferson	(205)									(125)	----	(952)
Licking	(625)									(560)	----	(2,827)
Madison	(225)									(200)	----	(1,090)
Mahoning	(400)									(220)	----	(1,120)
Meigs	(175)									(175)	----	(1,060)
Mercer	(525)									(420)	----	(2,109)
Miami	(625)									(400)	----	(2,192)
Montgomery	(775)									(360)	----	(1,916)
Morgan	(215)									(80)	----	(715)
Muskingum	(300)									(200)	----	(1,203)
Noble	(110)									(50)	----	(368)
Paulding	(175)									(120)	----	(689)
Perry	(205)									(100)	----	(821)
Pickaway	(240)									(210)	----	(1,162)
Pike	(100)									(40)	----	(312)
Portage	(675)									(400)	----	(2,121)
Preble	(550)									(320)	----	(1,637)
Ross	(175)									(100)	----	(813)
Scioto	(75)									(100)	----	(735)
Shelby	(450)									(420)	----	(2,047)
Summit	(425)									(195)	----	(983)
Trumbull	(600)									(310)	----	(1,573)
Tuscarawas	(300)									(300)	----	(1,544)
Van Wert	(350)									(200)	----	(1,031)
Warren	(275)									(200)	----	(1,238)
Washington	(300)									(230)	----	(1,174)
Special Service	---									(1,091)	----	(1,625)
Total	35,779	13	23	20	20	13	--	--	89	21,937	216,117	142,472
OKLAHOMA (26)												
Eastern Okla	1,510	--	6	7	5	--	--	--	18	1,370	5,892	2,591
(Affiliates) 2/												
Northwest Okla	1,391	--	8	5	6	--	5	--	24	1,054	12,735	6,959
(Affiliates) 3/												
Total	2,901	--	14	12	11	--	5	--	42	2,424	18,627	9,550

1/ See footnote (1) page 5.

2/ Eastern Oklahoma Affiliates: Broken Arrow; Cherokee; Collinsville; Mayes; Muskogee; Ottawa; Shawnee; Spiro; Westville.

3/ Northwest Oklahoma Affiliates: Comanche; Dewey; East Major; Elk; Ellis; Grady; Greer; Harmon; Jackson; Kay; Mountain View; Northwest Okla; Oklahoma County; Payne; Sapulpa; Stephens; Washita.

[illegible]

[illegible] and number of associations	Number of members	Number and breed of bulls used [1]								Total	Registered	[illegible]	[illegible] (1939)
		A	J	G	P	R	Sh	S					
OREGON (12)													
Ore.Dairy Breeders	2,593	--	8	7	5	--	--	--		20	3,390	18,513	14,334
(Affiliates)													
Central Oregon	(91)										(180)	(764)	(679)
Columbia	(30)										(225)	(645)	(174)
Coos	(39)										(65)	(400)	(318)
Jackson	(96)										(265)	(1,121)	(1,089)
Josephine	(192)										(260)	(1,415)	(1,321)
Lane	(148)										(420)	(1,065)	(849)
Linn-Benton	(321)										(320)	(1,810)	(1,628)
Malheur	(361)										(260)	(2,465)	(2,293)
Marion	(283)										(350)	(2,325)	(1,795)
Union	(55)										(95)	(262)	(255)
Washington	(312)										(425)	(2,621)	(2,464)
Yamhill	(665)										(525)	(3,620)	(1,469)
PENNSYLVANIA (49)													
First Pa. AEA	4,561	--	--	11	14	--	--	--		25	8,476	31,373	24,640
(Affiliates)													
Centre	(389)										(815)	(3,280)	(3,215)
Clinton	(292)										(606)	(2,379)	(1,882)
Juniata	(246)										(805)	(2,063)	(1,685)
Lycoming	(891)										(739)	(4,381)	(3,515)
McKean	(392)										(362)	(2,658)	(2,007)
Mifflin	(257)										(592)	(2,977)	(2,298)
Perry	(446)										(1,627)	(3,591)	(2,185)
Schuylkill	(634)										(1,205)	(3,095)	(2,542)
Snyder	(270)										(293)	(1,914)	(1,433)
Union	(744)										(1,432)	(5,035)	(3,878)
Lehigh Valley Co-op	1,600	4	4	6	10	--	--	--		24	5,200	15,376	15,376
Nepa AB Co-op	7,020	5	9	11	18	--	--	--		43	14,432	57,655	53,455
(Affiliates)													
E. Bradford	(713)										(1,144)	(6,944)	(6,381)
W. Bradford	(735)										(3,198)	(6,523)	(6,020)
Luco	(998)										(976)	(5,500)	(5,429)
Montrose	(274)										(1,456)	(3,050)	(3,040)
Potter	(420)										(960)	(3,300)	(3,211)
Sulbra	(377)										(479)	(2,534)	(2,040)
Suswyanna	(470)										(1,303)	(4,225)	(3,710)
Tunkhannock	(1,120)										(1,759)	(8,700)	(8,688)
Wayne	(1,013)										(1,367)	(9,072)	(7,881)
Tioga	(900)										(1,790)	(7,807)	(7,055)
Southeast Pa. Co-op	7,471	3	4	9	10	--	--	--		26	14,860	51,912	48,461
(Affiliates)													
Cumberland	(668)										(2,210)	(5,162)	(4,621)
Dauland	(446)										(916)	(2,100)	(1,647)
Franklin	(418)										(1,075)	(4,315)	(3,518)
Fulton	(277)										(201)	(1,850)	(1,292)
Southeast	(3,802)										(5,900)	(26,500)	(26,114)
Tri-County	(1,860)										(4,558)	(11,985)	(11,269)
Western Pa. Co-op	13,336	--	14	32	31	--	--	--		77	19,182	76,995	64,575
(Affiliates)													
Armstrong	(327)										(478)	(2,026)	----
Beaver	(754)										(126)	(3,253)	----
Bedford	(240)										(900)	(2,188)	----
Butler	(906)										(1,602)	(4,455)	----
Cambria	(415)										(330)	(2,039)	----
Clarion	(611)										(1,410)	(3,689)	----
Clearfield	(585)										(361)	(2,633)	----
Crawford	(825)										(1,881)	(5,700)	----
Erie	(593)										(437)	(3,425)	----
Fayette	(548)										(493)	(2,440)	----
Green	(254)										(160)	(1,360)	----
Indiana	(625)										(1,201)	(5,176)	----
Jefferson	(471)										(1,180)	(2,619)	----
Lawrence	(596)										(889)	(3,945)	----
Mercer	(950)										(840)	(4,922)	----
Morrison's Cove	(425)										(1,400)	(3,418)	----
Somerset	(596)										(514)	(3,258)	----
Titusville	(423)										(618)	(2,795)	----
Tyrone	(298)										(805)	(2,416)	----
Venango	(406)										(258)	(1,853)	----
Warren	(470)										(975)	(2,523)	----
Washington	(890)										(667)	(4,612)	----
Westmoreland	(1,128)										(1,657)	(6,250)	----
Total	33,988	12	31	69	82	--	--	--		195	62,150	233,311	206,507

1/ See footnote (1) page 5.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	MK	Total	Registered	Total	Bred (Ia.S)
RHODE ISLAND (1):												
R.I.Breeders'Co-op-	266	3	2		9	--	--	--	21	687	1,272	1,219
SOUTH CAROLINA (14):												
S.C.Federated Co-op	5,697	7	10	6	4	--	--	---	27	980	14,030	10,585
(Affiliates)												
Anderson	(432)									(50)	(1,200)	(1,101)
Bamberg	(125)									(40)	(600)	(380)
Chester	(550)									(300)	(1,500)	(1,375)
Cherokee	(305)									(25)	(600)	(71)
Dorchester	(30)									(10)	(600)	(174)
Greenville	(526)									(80)	(1,400)	(1,218)
Laurens	(376)									(30)	(800)	(730)
Lexington	(831)									(45)	(1,200)	(372)
Newberry	(412)									(80)	(829)	(829)
Orangeburg	(380)									(100)	(1,500)	(1,292)
Pickins	(325)									(30)	(600)	(234)
Richland	(360)									(50)	(800)	(440)
Spartanburg	(565)									(65)	(1,200)	(1,168)
York	(480)									(75)	(1,201)	(1,201)
SOUTH DAKOTA (12):												
South Dakota ABA	1,729	--	1	5	6	6	7	--	25	1,049	14,424	5,251
(Affiliates)												
Brookings	(140)									(105)	(1,108)	(524)
Clay	(231)									(100)	(1,459)	(500)
Day	(125)									(67)	(1,053)	(335)
Elk Point	(180)									(59)	(1,665)	(293)
Grant	(163)									(83)	(1,359)	(415)
Hamlin-Codington	(114)									(83)	(989)	(415)
Huron	(60)									(63)	(505)	(313)
Lake	(133)									(36)	(1,115)	(179)
Minnehaha	(199)									(155)	(1,703)	(774)
Parker	(157)									(85)	(1,287)	(442)
Quad	(93)									(93)	(1,100)	(464)
Roberts	(134)									(119)	(1,081)	(597)
TENNESSEE (38) :												
East Tenn. ABA	1,281	--	5	5	4	--	--	1	15	1,872	12,812	7,149
(Affiliates)												
Blount	(78)									(505)	(1,180)	(623)
Bradley	(105)									(170)	(1,212)	(627)
Cumberland	(55)									(20)	(546)	(96)
Greene	(212)									(122)	(1,240)	(631)
Hamblen	(44)									(78)	(790)	(338)
Hawkins	(112)									(65)	(912)	(526)
Jefferson	(116)									(142)	(1,266)	(946)
Knox	(226)									(394)	(2,166)	(1,256)
McMinn-Meigs	(61)									(56)	(712)	(372)
Monroe	(66)									(72)	(552)	(425)
Sullivan	(122)									(124)	(1,216)	(822)
Washington	(84)									(124)	(1,020)	(487)
Mis-South ABA	420								(2)	250	2,100	1,247
West Tenn. ABA	1,986	--	10	--	--	--	--	--	10	1,954	10,055	4,834
(Affiliates)												
Carroll	(264)									(95)	(1,009)	(599)
Crockett	(299)									(129)	(918)	(354)
Henry	(262)									(365)	(1,277)	(676)
Madison	(260)									(145)	(1,462)	(574)
Weakley	(291)									(545)	(2,589)	(62[illegible])
Yorkville	(610)									(875)	(2,800)	(2,011)
Tennessee ABA	3,743	--	11	5	5	--	--	1	22	1,500	[illegible]	[illegible]
(Affiliates)												
Bedford	(199)									----	----	----
Cannon	(80)									----	----	----
Coffee	(120)									----	----	----
Davidson	(300)									----	----	----
Franklin	(210)									----	----	----
Giles	(187)									----	----	----
Lawrence	(88)									----	----	----
Lincoln	(215)									----	----	----
Macon	(169)									----	----	----
Marshall	(200)									----	----	----
Maury	(106)									----	----	----

1/ See footnote (1) page 5. 2/ Buys semen from Indiana ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	tered	Total	Bred (1949)
TENNESSEE (continued)												
Tennessee ABA(con't):												
(Affiliates)												
Montgomery	(173)									----	----	----
Robertson	(420)									----	----	----
Rutherford	(192)									----	----	----
Smith	(185)									----	----	----
Sumner	(450)									----	----	----
Warren	(167)									----	----	----
Williamson	(147)									----	----	----
Wilson-DeKalb	(135)									----	----	----
Total	7,010	--	26	10	9	--	--	2	47	5,576	50,967	29,786
TEXAS (34)												
North Texas ABA	1	--	7	4	5	--	--	--	16	30	30	30
Anderson	32								(2)	115	710	280
Archer	18								(2)	50	310	93
Camp	61								(2)	95	580	442
Cherokee	33								(2)	85	660	208
Cooke	65								(2)	120	885	173
Dallas	641								(2)	630	4,195	1,778
Denton	173								(2)	310	2,016	1,141
Eastland	364								(2)	95	631	528
Ellis	41								(2)	160	890	45
Grayson	23								(2)	25	320	320
Hopkins	193								(2)	185	930	348
Hunt	233								(2)	120	1,794	744
Johnson	39								(2)	240	1,059	199
Kaufman	141								(2)	160	1,233	590
Lamar	98								(2)	175	1,333	661
Parker	121								(2)	320	2,110	1,069
Smith	85								(2)	110	890	870
Tarrant	79								(2)	380	2,895	2,895
Wichita	150								(2)	210	1,228	686
Texas Tech Bull Stud	355	--	4	--	4	--	--	--	8	240	1,564	815
Hale	35								(3)	41	310	162
Hockley	21								(3)	30	215	135
Lamb	17								(3)	20	145	127
Mitchell	20								(3)	160	780	90
Scurry	46								(3)	55	380	232
Wilbarger	20								(3)	47	360	320
Texas A&M Bull Stud	3	--	9	--	4	--	--	--	13	275	408	408
Arcadia-Alvin	56								(4)	310	1,438	1,102
DeWitt	45								(4)	126	653	372
Fayette	51								(4)	94	509	119
Houston	99								(4)	110	2,314	677
Jasper-Newton	80								(4)	260	1,864	359
Tom Green	78								(4)	105	856	265
Total	3,517	--	20	4	13	--	--	--	37	5,488	36,495	18,283
UTAH (13)												
Cache Valley ABA	994	--	5	4	12	--	--	--	21	889	10,647	5,430
(Affiliates)												
Beaver	(56)									(18)	(646)	(184)
Box Elder	(119)									(93)	(1,200)	(923)
Cache-North	(138)									(169)	(1,548)	(1,062)
Cache-South	(231)									(56)	(2,331)	(1,654)
Davis	(51)									(97)	(808)	(291)
Iron	(31)									(43)	(314)	(144)
Millard-West	(65)									(23)	(367)	(108)
Millard-East	(26)									(6)	(260)	0
Morgan	(13)									(10)	(174)	(20)
Piute	(63)									(12)	(450)	(156)
Salt Lake	(80)									(267)	(1,335)	(469)
Sevier	(90)									(95)	(790)	(266)
Weber	(31)									----	(424)	(153)

1/ See footnote (1) page 5.
2/ Buys semen from North Texas ABA.
3/ Buys semen from Texas Tech Bull Stud.
4/ Buys semen from Texas A&M Bull Stud.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/									Number of cows		
		A	J	G	H	BS	SH	NR	Total		Registered	Total	Bred (1949)
VERMONT (23)													
Addison ABA	362								(2)		650	4,400	3,151
Green Mountain	165								(2)		150	1,560	902
Brattleboro-Cir.#13	139								(3)		284	1,178	763
Claremont-Cir.#10	65								(3)		213	694	573
Colebrook-Cir.#9	21								(3)		27	337	249
Lancaster-Cir.#8	19								(3)		12	347	121
Enosburg-Cir.#15	91								(3)		291	1,307	967
Lebanon-Cir.#7 (Orange Co.)	20								(3)		62	271	213
Lebanon-Cir.#7 (Windsor Co.)	24								(3)		70	328	168
Lyndonville-Cir.#18 (Essex Co.)	5								(3)		13	138	14
Lyndonville-Cir.#18 (Caledonia Co.)	49								(3)		53	741	516
St. Johnsbury-Cir.#14 (Washington Co.)	1								(3)		14	10	5
St. Johnsbury-Cir.#14 (Caledonia Co.)	103								(3)		138	1,282	1,192
Swanton-Cir.#16	100								(3)		100	1,631	986
Walpole-Cir.#17	48								(3)		51	456	400
Woodsville-Dir.#5	30								(3)		107	337	205
Central Vermont	420	--	8	--	--	--	--	--	8		725	6,750	4,712
(Affiliates)													
East Washington	(65)										(75)	(900)	(625)
West Washington	(36)										(60)	(700)	(650)
Chittenden	(107)										(175)	(1,500)	(1,122)
Lower Lamoille	(25)										(70)	(400)	(200)
Upper Lamoille	(55)										(150)	(600)	(350)
Orange-Windsor	(100)										(180)	(1,750)	(1,650)
Grand Isle	(32)										(15)	(900)	(115)
Total	1,662	--	8	--	--	--	--	--	8		2,960	21,767	15,137
VIRGINIA (21)													
Blue Ridge ABA, Inc.	1,225	--	--	8	8	--	--	--	16		----	10,506	6,725
(Affiliates)													
Bedford	(163)										----	(1,340)	(921)
Floyd	(262)										----	(1,413)	(861)
Franklin	(163)										----	(1,857)	(1,566)
Montgomery	(141)										----	(1,678)	(844)
Nottoway	(165)										----	(1,575)	(805)
Piedmont	(153)										----	(1,118)	(726)
Ro-Bot	(178)										----	(1,525)	(1,002)
Northern Virginia	1,233	--	4	7	5	--	--	--	16		----	10,848	7,270
(Affiliates)													
Albemarle	(139)										----	(1,213)	(950)
Augusta	(144)										----	(1,340)	(900)
Culpeper	(140)										----	(2,400)	(1,349)
Fairfax	(177)										----	(1,302)	(1,056)
Fredericksburg	(42)										----	(294)	(143)
Orange-Madison	(113)										----	(1,248)	(944)
Rockbridge	(203)										----	(1,101)	(671)
Shenandoah	(275)										----	(1,950)	(1,257)
Loudoun #1 & 2	179								(4)		----	2,802	2,029
Appalachian	238								(5)		----	1,211	938
Carroll	198								(5)		----	1,081	710
Peninsula	114								(5)		----	1,251	953
Tidewater	329								(5)		----	2,598	628
Frederick-Clarke	68								(6)		----	300	217
Total	3,584	--	4	15	13	--	--	--	32		----	30,597	19,470

1/ See footnote (1) page 5.
2/ Buys semen from New York ABA.
3/ Buys semen from New Hampshire ABA.
4/ Buys semen from Maryland ABA.
5/ Buys semen from Southeastern ABA (North Carolina).
6/ Buys semen from West Virginia ABA.

ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
WASHINGTON (20)												
Evergreen Breeders'	3,595	--	7	6	7	--	--	--	20	1,422	19,900	14,385
(Affiliates)												
Clark	(271)									(120)	(1,400)	(1,150)
Lewis	(439)									(180)	(2,300)	(1,900)
Grays Harbor	(321)									(145)	(2,000)	(1,500)
Wahkiakum	(180)									(124)	(1,550)	(1,240)
Cowlitz	(312)									(80)	(1,600)	(860)
Pacific	(147)									(45)	(700)	(500)
Kitsap	(159)									(40)	(600)	(380)
Thurston	(423)									(137)	(1,700)	(1,350)
Pierce	(336)									(135)	(1,800)	(1,370)
North King	(308)									(157)	(1,800)	(1,570)
South King	(369)									(162)	(2,100)	(1,620)
Walla Walla	(300)									(92)	(2,000)	(920)
Klickitat	(30)									(5)	(350)	(25)
Northwest Co-op	4,400	--	6	11	8	--	--	--	25	1,945	20,884	20,884
(Affiliates)												
Whatcom	(1,070)									(600)	----	(5,343)
Skagit	(815)									(560)	----	(4,043)
Snohomish	(1,300)									(320)	----	(6,027)
Clallam	(170)									(60)	----	(1,068)
Jefferson	(85)									(30)	----	(386)
Yakima	(600)									(195)	----	(2,142)
Spokane	(360)									(180)	----	(1,875)
Total	7,995	--	13	17	15	--	--	--	45	3,357	40,784	35,269
WEST VIRGINIA (14)												
W. Va. AB Co-op	4,340	3	6	7	6	--	--	--	22	3,015	29,750	14,397
(Affiliates)												
Cabell-Wayne	(191)									(110)	(1,350)	((733)
Central	(1,147)									(420)	(6,200)	(3,136)
E. Panhandle	(252)									(180)	(1,800)	(926)
Greenbriar Valley	(182)									(330)	(2,150)	(966)
Jackson	(123)									(125)	(1,450)	(962)
Marshall	(357)									(400)	(2,950)	(955)
Mason	(162)									(300)	(1,850)	(901)
Monongalia	(339)									(200)	(1,500)	(603)
Ohio	(320)									(500)	(3,050)	(1,792)
Preston	(315)									(120)	(1,950)	(754)
Tygart Valley	(296)									(90)	(1,550)	(867)
Tyler-Wetzel	(317)									(90)	(1,750)	(756)
Wood	(170)									(80)	(1,300)	(794)
Pocahontas	(169)									(70)	(900)	(252)
WISCONSIN (39)												
Associated Breeding Service	535	--	--	4	3	--	--	--	7	12	623	623
Badger Co-op	14,683	--	--	23	26	--	--	--	49	3,004	120,163	120,163
Manitowoc	900								(2)	----	9,199	9,199
Curtiss Candy Co. Stud	3,285								(3)	480	4,797	4,797
Piper Farms Stud	1,250	--	--	3	11	--	--	--	14	375	4,690	4,690
Dairyland Breeders	----								(4)	----	3,196	3,196
Tilney Farms	250								(5)	88	1,750	1,750
Kuester AB Stud	140								(5)	35	694	694
Dane-Iowa	230	--	--	--	6	--	--	--	6	198	1,200	900
East Central	3,900	--	--	4	16	4	--	--	6/ 28	4,332	36,099	36,099
Tri-State	6,844	--	9	17	20	6	5	--	57	5,148	64,352	64,352
Jackson Co-op	850								(7)	60	6,000	6,000
Ashland-Bayfield	401								(8)	229	2,286	2,286
Barron	609								(8)	175	2,503	2,503
Burnett	409								(8)	147	1,834	1,834
Glenwood	220								(8)	34	1,724	1,724
Pierce	675								(8)	137	2,732	2,732
Polk	1,200								(8)	194	5,555	5,555

1/ See footnote (1) page 5.
2/ Buys semen from Badger Co-op.
3/ Buys semen from Curtiss Candy Co. Stud (Illinois).
4/ Buys semen from Piper Farms Stud.
5/ Buys semen from Tilney Farms Stud (Minnesota).
6/ Includes 4 Angus.
7/ Buys semen from Tri-State Breeders Co-op.
8/ Buys semen from Land O'Lakes, Inc. (Minnesota).

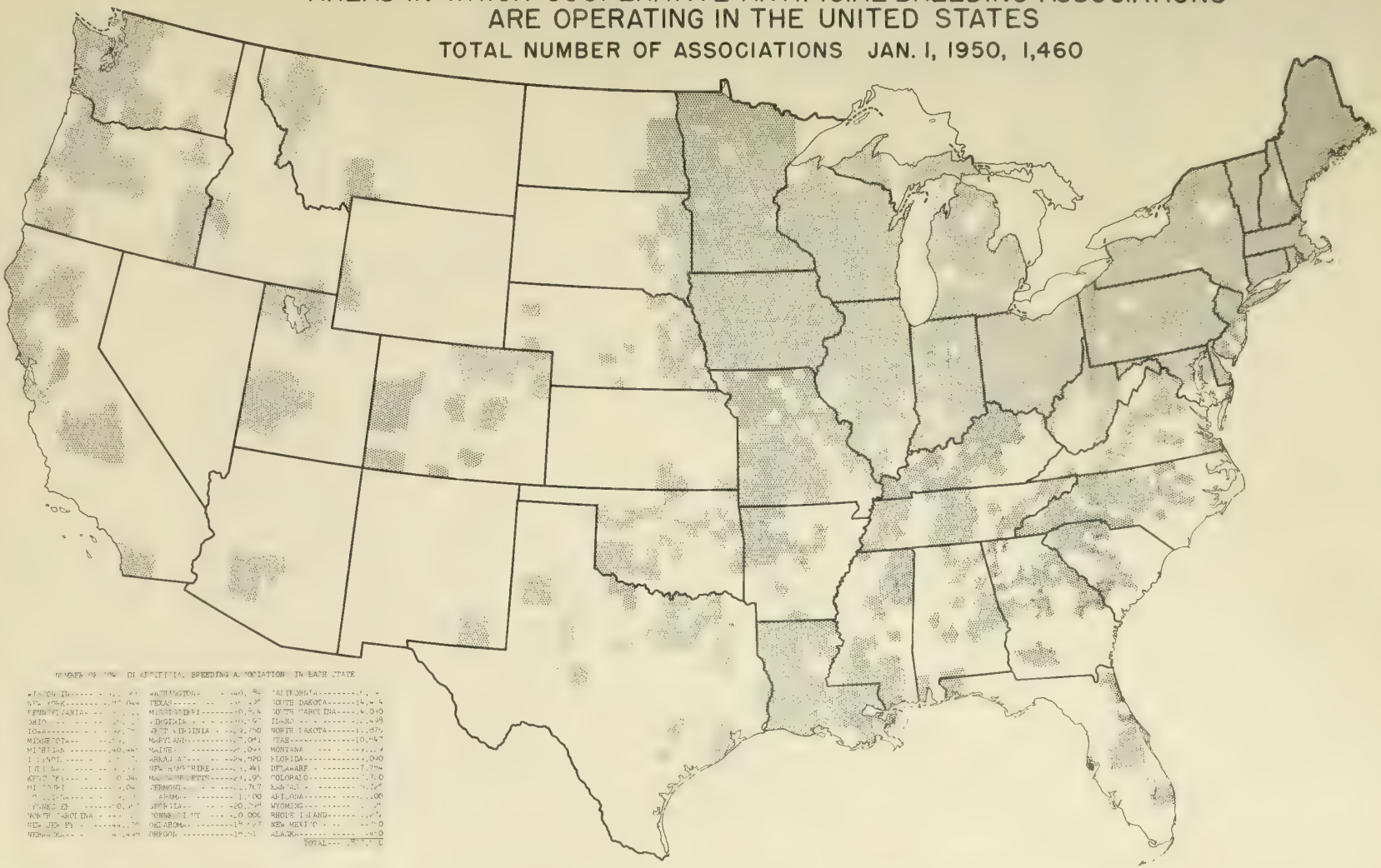
ARTIFICIAL-BREEDING ASSOCIATIONS ACTIVE JANUARY 1, 1950

State, name, and number of associations	Number of herds	Number and breed of bulls used 1/								Number of cows		
		A	J	G	H	BS	SH	NR	Total	Registered	Total	Bred (1949)
WISCONSIN (continued)												
Uni. of Wisconsin Bull Stud		1	1	12	17	1	--	--	2/33			
Dane	1,396								(3)	612	11,551	11,551
Sauk	1,605								(3)	195	9,758	9,758
Wis.Scientific Breeding Inst.Bull Stud		--	5	9	7	4	--	--	25			
Barron	1,319								(4)	1,231	8,206	8,206
Buffalo	510								(4)	150	5,003	5,003
Central Wis	600								(4)	234	5,853	5,853
Chippewa	850								(4)	139	5,555	5,555
Clark	1,571								(4)	568	11,353	11,353
Douglas	400								(4)	60	3,000	2,999
Dunn	1,052								(4)	202	6,728	6,728
Eau Claire	660								(4)	114	3,815	3,815
Grant	225								(4)	55	1,845	1,845
Green	542								(4)	405	4,048	4,048
Iowa	409								(4)	143	4,764	4,764
Lafayette	516								(4)	89	4,462	4,462
Rock	1,085								(4)	428	8,565	8,565
Rusk	1,120								(4)	2,027	7,798	7,798
St. Croix	800								(4)	112	8,500	5,610
Southeastern	1,516								(4)	2,447	12,235	12,235
Washburn	550								(4)	100	3,325	3,325
Waukesha	1,391								(4)	583	14,565	14,565
Western-Bayfield	185								(4)	25	1,240	1,240
Total	54,683	1	15	72	106	15	5	--	5/219	24,567	411,566	408,375
WYOMING (2)												
Star Valley (Lower)	26								(6)	2	390	219
Star Valley (Upper)	104								(6)	18	1,135	787
Total	130									20	1,525	1,006
UNITED STATES (1,460)	372,968	82	447	617	727	118	68	33	7/2,104	269,188	2,827,530	2,091,175

1/ See footnote (1) page 5.
2/ Includes one Angus.
3/ Buys semen from University of Wisconsin Bull Stud.
4/ Buys semen from Wis. Scientific Breeding Institute Stud.
5/ Includes 5 Angus.
6/ Buys semen from Cache Valley ABA (Utah).
7/ Includes 5 Aberdeen Angus and 7 Red Danes.

AREAS IN WHICH COOPERATIVE ARTIFICIAL-BREEDING ASSOCIATIONS ARE OPERATING IN THE UNITED STATES

TOTAL NUMBER OF ASSOCIATIONS JAN. 1, 1950, 1,460



NUMBER OF COOPERATIVE ARTIFICIAL BREEDING ASSOCIATIONS IN EACH STATE

[illegible]	[illegible]	SOUTH DAKOTA	[illegible]
[illegible]	[illegible]	NORTH DAKOTA	[illegible]
[illegible]	[illegible]	MONTANA	[illegible]
[illegible]	[illegible]	UTAH	10.[illegible]
[illegible]	[illegible]	COLORADO	[illegible]
[illegible]	[illegible]	ARIZONA	[illegible]
[illegible]	[illegible]	WYOMING	[illegible]
[illegible]	[illegible]	NEW MEXICO	[illegible]
[illegible]	[illegible]	ALASKA	[illegible]
[illegible]	[illegible]	TOTAL	[illegible]

OFFICIALS IN CHARGE OF DAIRY-BREEDING ASSOCIATIONS IN THE STATES

Ala------P. B. Turnham, Ext. Service, School of Agr., Auburn.
Ariz-----W. P. Van Sant, Ext. Service, College of Agr., Tucson.
Ark------A. Leon Holly, Ext. Dairyman, College of Agr., Fayetteville.
Calif----G. E. Gordon, Ext. Service, College of Agr., Berkeley 4.
Colo-----H. A. Sandhouse, Ext. Service, Colorado A & M College, Fort Collins.
Conn-----W. R. Hesseltine, Ext. Service, College of Agr., Storrs.
Del------D. J. Young, Ext. Service, University of Delaware, Newark.
Fla------C. W. Reaves, Ext. Service, College of Agr., Gainesville,
Ga-------F. W. Fitch, Ext. Service, College of Agr., Athens.
Hawaii---Harvey M. Vollrath, Spec. in An. Husb., Univ. of Hawaii, P O. Box 18, Honolulu 10.
Idaho----G. C. Anderson, Ext. Division, College of Agr., Boise.
Ill------C. S. Rhode, Ext. Service, College of Agr., Urbana.
Ind------Frank E. De La Croix, Dept. of Agr. Ext., Purdue University, Lafayette.
Iowa----- Floyd Arnold, Ext. Service, Iowa State College of Agr., Ames.
Kans-----J. W. Linn, Ext. Division, Kansas State College, Manhattan.
Ky-------Glenn Williamson, Ext. Dairyman, College of Agr., Lexington 29.
La-------E. W. Neasham, Agr. Ext. Service, University Station, Baton Rouge 3.
Maine----Ralph Corbett, Ext. Service, College of Agr., Orono.
Md-------J. W. Pou, Ext. Service, University of Maryland, College Park.
Mass-----Stanley N. Gaunt, Ext. Service, Mass. State College, Amherst.
Mich-----A. C. Baltzer, Ext. Division, Mich State College of Agr., East Lansing.
Minn-----H. R. Searles, Div. of Agr., University Farm, St. Paul 1.
Miss-----L. A. Higgins, Ext. Service, Miss. State College, State College.
Mo-------M. J. Regan, Agr. Ext. Service, College of Agr., Columbia.
Mont-----J. O. Tretsven, Ext. Service, Montana State College, Bozeman.
Nebr-----M. N. Lawritson, Ext. Service, College of Agr., Lincoln 1.
Nev------C. C. Adams, Jr., Agr. Ext., College of Agr., Reno.
N. H-----Hilton Boynton, Ext. Service, College of Agr., Durham.
N. J-----E. J. Perry, Ext. Service, State College of Agr., New Brunswick,
N. Mex---E. E. Anderson, Ext. Service, N. Mex. College of Agr., State College.
N. Y-----Raymand Albrectsen, Ext. Service, N. Y. State College of Agr., Ithaca.
N. C-----J. A. Arey, Ext. Service, N. C. State College of Agr., State College Station, Raleigh.
N. Dak---Clarence Olson, Agr. Ext., N. Dak. Agr. College, State College Station, Fargo.
Ohio-----C. D. McGrew, Agr. Ext., College of Agr., Columbus 10.
Okla-----L. H. Stinnett, Ext. Division, Okla. A & M College, Stillwater.
Oreg-----H. P. Ewalt, Extension Dairyman, Oregon State College, Corvallis.
Pa-------Clyde N. Hall, Agr. Ext., School of Agr., State College.
P. R-----C. G. Arrillaga, Ext. Service, University of Puerto Rico, Rio Piedras.
R. I-----John W. Atwood, Ext. Service, Rhode Island State College, Kingston.
S. C-----C. G. Cushman, Ext. Service, Clemson Agr. College, Clemson.
S. Dak---R. A. Cave, Ext. Service, S. Dak. State College of Agr., Brookings.
Tenn-----L. O. Colebank, Ext. Dairyman, P. O. Box 1071, Knoxville.
Tex------R. E. Burleson, Ext. Service, A & M College of Texas, College Station.
Utah-----L. H. Rich, Ext. Service, Utah State Agr. College, Logan.
Vt-------W. A. Dodge, Ext. Service, College of Agr., Burlington.
Va-------A. S. Foster, Agr. Ext. Division, Va. Polytechnic Inst., Blacksburg.
Wash-----M. B. Nichols, Ext. Service, State College of Washington, Pullman.
W. Va----G. Heebink, Agr. Extension, College of Agr., Morgantown.
Wis------Geo. M. Werner, Ext. Dairyman, Room 209 King Hall, Madison 6.
Wyo------Ivan H. Loughary, Ext. Division, College of Agr., Laramie.
Alaska---Wm. J. Sweetman, Dairy Husbandman, Alaska Exp. Station, Palmer, Alaska.

DHIA PROVED-SIRE RECORDS TABULATED IN FEBRUARY 1950

The following is a list of [illegible] sires whose records were tabulated or retabulated by the Dairy Herd Improvement Industry in February 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Fat	[illegible]
	Number	Number	Pounds	Percent	Pounds
ABE'S CHOICE 73937--------	5 daughters--	6	[illegible]	4.1	[illegible]
Born, 12-20-42; proved, 2-3-50;----; N. Y.	5 dams-------	9	8,[illegible]	4.[illegible]	370
Sire, 63149; dam, 174506.	Difference---	(3-3-3)	[illegible]	-.[illegible]	-[illegible]7
Herd Owner, Thomas Norman, Saranac Lake.					
ADMIRAL KING'S CAVALIER 76896----------	5 daughters--	5	[illegible]	[illegible]	355
Born, 10-18-43; proved, 2-7-50; dead; S. Dak.	5 dams-------	10	[illegible]	[illegible].7	278
Sire, 70382; dam, 214[illegible]36.	Difference---	(5-2-5)	+[illegible]	-.1	+77
Herd Owner, Elroy Harrington, Aberdeen.					
ALTA CREST BETTER TIMES 56742----------	9 daughters--	20	8,859	[illegible]	345
Born, 6-6-37; proved, 2-2-50;----; N. Y.	7 daughters--	15	[illegible]	[illegible]	362
Sire, 41952; dam, 90263.	7 dams-------	1[illegible]	10,188	3.9	393
Herd Owner, Henry N. Barlow & Sons, Wassaic.	Difference---	(4-[illegible]-4)	-91[illegible]	.0	-31
ALTA CREST SWANK, IMP. 54101----------	11 daughters-	1[illegible]	[illegible]	4.1	27[illegible]
Born, 5-1-36; proved, 2-3-50; dead; Mass.	10 daughters-	12	6,647	4.1	27[illegible]
Sire, 45430; dam, 182312.	10 dams------	18	8,918	4.1	3[illegible]7
Herd Owner, Clarence J. & H. A. Howland, New Braintree.	Difference---	(1-7-1)	-2,271	.0	-[illegible]4
AVERY FARMS BUTTER BOY 74872----------	6 daughters--	7	9,983	4.0	404
Born, 3-5-43; proved, 2-27-50;----; Mass.	5 daughters--	6	9,690	4.1	401
Sire, 50282; dam, 276839.	5 dams-------	11	8,852	3.8	335
Herd Owner, Nook Farm Dairy Corp., Kingston.	Difference---	(4-4-4)	+838	+.3	+[illegible]
BURNSIDE TRIBULATION, IMP. 78187----------	8 daughters--	8	8,930	4.0	[illegible]
Born, 8-26-43; proved, 2-7-50;----; Mass.	5 daughters--	5	8,569	4.1	[illegible]
Sire, 55178; dam, 270228.	5 dams-------	6	6,501	4.4	284
Herd Owner, Broad Place Ayr Farm, North Amherst.	Difference---	(5-1-5)	+2,068	-.3	+68
CLIP'S WHITE LAD OF BUELAYR 76715----------	7 daughters--	8	7,017	4.5	[illegible]
Born, 10-30-43; proved, 2-3-50; dead; Maine.	7 dams-------	16	8,289	4.1	337
Sire, 55032; dam, 252025.	Difference---	(1-7-4)	-1,272	+.4	-21
Herd Owner, James Shores & Sons, Benton.					
CRYSTAL SPRING DOMINANT P. 74587----------	5 daughters--	6	10,600	4.1	434
Born, 3-12-43; proved, 2-10-50; dead; N. Y.	5 dams-------	14	7,931	4.0	[illegible]18
Sire, 48580; dam, 154333.	Difference---	(4-2-4)	+2,669	+.1	+116
Herd Owner, Atwood Orchards Lowland Farm, Plattsburg.					
DUNWOODY'S MAGNETIC BEN 75823----------	6 daughters--	8	8,377	4.3	360
Born, 8-16-42; proved, 2-28-50;----; Del.	6 dams-------	26	8,267	3.9	324
Sire, 59185; dam, 152833.	Difference---	(2-6-6)	+110	+.4	+36
Herd Owner, Ed L. & Louise Ratledge, Townsend.					
GARMANDALE PRINCE, IMP. 78283-------- ----------	10 daughters-	14	[illegible]	[illegible]	366
Born, 11-20-41; proved, 2-6-50; dead; N. Y.	5 daughters--	5	9,381	[illegible]	367
Sire, 75339; dam, 293774.	5 dams-------	10	[illegible]	[illegible]	[illegible]
Herd Owner, Valhala Farm, Middleburg.	Difference---	(2-5-[illegible])	+14[illegible]	+.1	+16
GLEN URQUHART MASTER BOY 73223----------	6 daughters--	7	7,70[illegible]	4.0	[illegible]
Born, 4-3-43; proved, 2-9-50;----; Minn.	6 dams-------	15	7,508	[illegible].7	276
Sire, 65722; dam, 250145.	Difference---	(3-6-4)	+1[illegible]	+.3	+36
Herd Owner, R. J. Gallinger, Westport.					
GOOD HOPE FUTURE CHAMPION 75594----------	9 daughters--	11	8,117	[illegible]	[illegible]
Born, 8-28-43; proved, 2-1-50; dead; N. Y.	8 daughters--	10	7,862	[illegible]	[illegible].0
Sire, 41952; dam, 199162.	8 dams-------	18	8,087	4.1	329
Herd Owner, Ralph Cooley, Ghent.	Difference---	(4-2-3)	-225	-.2	-19
JUNIATA'S SIR BOB 52732----------	9 daughters--	1[illegible]	[illegible]	4.0	[illegible]07
Born, 3-2-35; proved, 2-3-50;----; Kans.	5 daughters--	11	[illegible]	[illegible]	302
Sire, 43563; dam, 138490.	5 dams-------	14	[illegible]	4.1	[illegible]
Herd Owner, Harrison Unruh & Sons, Hillsboro.	Difference---	(1-2-2)	-[illegible]	-.[illegible]	-69
KANSTAREF LASSIE JIM'S JERRY 73313----------	5 daughters--	[illegible]	8,042	4.0	318
Born, 11-27-42; proved, 2-3-50;----; Kans.	5 dams-------	9	9,241	3.7	339
Sire, 65329; dam, 163081.	Difference---	(1-5-3)	-1,199	+.3	-[illegible]
Herd Owner, William Might, Hutchinson.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PENN AYR SIR ROBERT (TWIN) 75235----------	7 daughters--	7	11,890	3.8	451
Born, 7-17-43; proved, 2-9-50;----; Pa.	7 dams-------	18	10,100	3.9	395
Sire, 54064; dam, 133063.	Difference---	(6-3-5)	+1,790	-.1	+56
Herd Owner, Charles B. Spicer, Gettysburg.					
PIONEER NARDINE PAT 2D, IMP. 75999----------	7 daughters--	7	10,982	3.8	417
Born, 7-12-43; proved, 2-7-50; alive; Mont.	6 daughters--	6	10,844	3.8	414
Sire, 75942; dam, 282968.	6 dams-------	17	9,796	4.0	396
Herd Owner, Montana Ayrshire Dairy, Great Falls.	Difference---	(4-1-4)	+1,048	-.2	+18
PREDOMINANT'S THEO 76[illegible]----------	6 daughters--	6	8,894	4.1	362
Born, 11-10-43; proved, 2-3-50;----; N. Y.	5 daughters--	5	8,912	4.1	367
Sire, 69520; dam, 212187.	5 dams-------	15	7,421	4.0	297
Herd Owner, Galway Farms, Galway.	Difference---	(4-4-3)	+1,491	+.1	+70
STONEHOLM LINTEL LAD 4[illegible]----------	6 daughters--	6	6,431	4.1	262
Born, 8-30-43; proved, 2-3-50;----; Vt.	6 dams-------	26	8,316	4.4	369
Sire, 65368; dam, 213888.	Difference---	(0-0-0)	-1,885	-.3	-107
Herd Owner, Lloyd W. Jewett, Chester Depot.					
SYCAMORE AMAZEMENT 63[illegible]----------	7 daughters--	15	8,650	4.2	362
Born, 3-15-40; proved, [illegible]-50;----; Vt.	7 dams-------	31	8,495	4.2	353
Sire, 35622; dam, 176259.	Difference---	(2-5-2)	+155	.0	+9
Herd Owner, Jordan F. Atwood, Wells River.					
WOODLEA JIMMIE WARD, IMP. 73523----------	10 daughters-	12	7,[illegible]0	4.2	321
Born, 11-6-38; proved, 2-28-50;----; Conn.	5 daughters--	6	7,757	4.2	324
Sire, 68503; dam, 250553.	5 dams-------	10	10,336	4.2	429
Herd Owner, Copper Hill Farm, East Granby.	Difference---	(1-2-1)	-2,579	.0	-105

BROWN SWISS SIRES

BUTTERCUP'S BOB OF VERNON 4[illegible]----------	10 daughters--	1[illegible]	11,269	4.0	456
Born, 7-2-39; proved, 2-2-50; dead; Wis.	8 daughters--	14	11,256	4.0	452
Sire, 33458; dam, 38073.	8 dams-------	24	11,099	3.8	421
Herd Owner, Herman G. Lenz & Son, Tomah.	Difference---	(4-7-5)	+157	+.2	+31
DUKE OF VIKING 51092----------	6 daughters--	[illegible]	10,248	4.3	4[illegible]7
Born, 9-11-40; proved, 2-28-50;----; Ill.	5 dams-------	21	10,707	3.9	421
Sire, 40212; dam, 71449.	Difference---	([illegible])	-459	+.4	+16
Herd Owner, Louis Sauder, Pekin.					
FOREST FARMS NORDAU 47065----------	10 daughters-	1[illegible]	7,9[illegible]	3.9	310
Born, 8-19-39; proved, 2-16-50;----; Pa.	10 dams------	4[illegible]	8,651	4.1	352
Sire, 38049; dam, 42104.	Difference---	(4-3-4)	-699	-.2	-42
Herd Owner, A. D. Hunsicker, Collegeville.					
FOXWOOD'S GLORY ASTRAL 46796----------	9 daughters--	12	7,869	3.6	282
Born, 4-8-40; proved, 2-1-50; dead; Ill.	5 daughters--	7	7,751	3.6	281
Sire, 40472; dam, 57988.	5 dams-------	7	9,683	4.1	402
Herd Owner, C. C. Becker, Alhambra.	Difference---	(1-0-1)	-1,932	-.5	-121
GREEN FARM BETTY BOY 6TH 4[illegible]000----------	7 daughters--	10	9,624	4.2	405
Born, 9-9-39; proved, 2-28-50;----; Iowa.	6 daughters--	9	9,731	4.2	407
Sire, 31031; dam, 36782.	6 dams-------	14	8,433	4.0	334
Herd Owner, George Hofbauer, Buffalo Center.	Difference---	(3-5-4)	+1,298	+.2	+73
GUY KING 45112----------	5 daughters--	7	11,51[illegible]	4.0	466
Born, 7-21-39; proved, 2-16-50;----; Ill.	5 dams-------	8	9,902	4.2	418
Sire, 41614; dam, 24730.	Difference---	(4-[illegible]-4)	+1,611	-.2	+48
Herd Owner, George E. Gletty, Sandwich.					
JESSIE'S MATE 50990----------	5 daughters--	6	8,521	4.0	339
Born, 7-14-40; proved, 2-28-50;----; Mich.	5 dams-------	[illegible]	9,357	[illegible]	[illegible]
Sire, 42516; dam, 41257.	Difference---	(1-4-2)	-836	+.3	-3
Herd Owner, William Hasenbank, Jr., Freesoil.					
LAURA'S ROYAL 61166 *----------	6 daughters--	6	6,221	4.3	268
Born, 1-24-43; proved, 1-19-50; dead; Wis.	5 daughters--	5	6,497	4.3	27[illegible]
Sire, 50015; dam, 73845.	5 dams-------	27	7,272	4.3	31[illegible]
Herd Owner, St. Francis Monastery, Burlington.	Difference---	(1-2-2)	-775	.0	-34
LEE'S HILL SANDRA'S ROYAL 46651----------	9 daughters--	22	9,700	4.4	422
Born, 1-28-40; proved, 2-16-50;----; Kans.	6 daughters--	16	10,259	4.4	451
Sire, 28594; dam, 52215.	6 dams-------	17	10,407	3.8	393
Herd Owner, George D. Sluss, El Dorado.	Difference---	(5-6-5)	-148	+.6	+58
L.'S RINGMASTER OF MORGANHOME 43505----------	6 daughters--	12	8,390	4.1	342
Born, 7-12-39; proved, 2-7-50;----; Ind.	5 daughters--	10	7,964	4.1	325
Sire, 31722; dam, 63161.	5 dams-------	12	9,704	4.0	388
Herd Owner, Alvin Hoeltke & Sons, Edinburg.	Difference---	(1-5-1)	-1,740	+.1	-63

* Incorrectly listed as Sally's Pete on Page 13 of the Feb. 1950 DHIA Letter.

BROWN SWISS SIRES	Animals	Records average	[illegible]	[illegible]	[illegible]
	Number	Number	[illegible]	Percent	Points
MAPLE KNOLL BIG ADMIRAL [illegible]	5 daughters--	7	[illegible]	4.1	400
Born, 11-[illegible]-40; proved, [illegible]; Ill.	5 dams-------	[illegible]	8,236	4.0	[illegible]
Sire, [illegible]; dam, [illegible].	Difference---	(3-4-3)	+1,461	+.1	+68
Herd Owner, Jesse H. Birkey, Delavan.					
MISSOURI MEXICO [illegible]	7 daughters--	10	10,081	[illegible]	395
Born, 8-25-40; proved, 2-28-50;----; Mo.	7 dams-------	[illegible]	10,[illegible]	3.7	402
Sire, 42657; dam, 45621.	Difference---	(3-5-4)	-774	+.2	-7
Herd Owner, Dannen Research Farm, St. Joseph.					
RECREATION NICK'S ALBERT [illegible]	9 daughters--	11	[illegible]	3.8	350
Born, 3-27-41; proved, 2-16-50;----; Ill.	[illegible] dams-------	39	[illegible]	4.1	398
Sire, 31220; dam, 73245.	Difference---	(3-1-2)	-548	-.3	-48
Herd Owner, Robert Dale Porter, Lanark.					
ROYAL JANE'S CARL OF EASTWOOD 59294	10 daughters-	10	11,922	4.1	489
Born, 11-20-42; proved, 2-28-50;----; Iowa.	9 daughters--	[illegible]	11,702	4.1	484
Sire, 47160; dam, 55497.	9 dams-------	38	9,004	4.1	366
Herd Owner, Ed L. Telleen & Sons, Gowrie.	Difference---	(7-5-8)	+2,698	.0	+118
SILVER INKWYL [illegible]	8 daughters--	18	10,522	4.3	457
Born, 8-20-38; proved, 2-16-50;----; N. J.	5 daughters--	11	10,[illegible]	4.3	447
Sire, [illegible]; dam, 56416.	5 dams-------	6	[illegible]	[illegible]	325
Herd Owner, Dave K. Auten, Jr., Somerville.	Difference---	(5-5-5)	+1,131	+.8	+122
V. B. VRON PHEIFER 42878	6 daughters--	11	10,[illegible]17	4.0	404
Born, 11-22-38; proved, [illegible]-50;----; Wis.	5 daughters--	9	10,222	4.0	412
Sire, 35122; dam, 37372.	5 dams-------	8	10,746	4.0	430
Herd Owner, Harvey V. Leach, Elkhorn.	Difference---	(2-3-2)	-524	.0	-18
VIOLET'S MAY TARZAN 44024	13 daughters-	14	9,883	3.9	385
Born, 3-27-38; proved, 2-6-50;----; Mich.	7 daughters--	7	10,289	3.9	399
Sire, 26648; dam, 34620.	7 dams-------	8	10,548	3.7	386
Herd Owner, Joe Stefl, Cornell.	Difference---	(3-6-3)	-259	+.2	+13
VRON'S PRIDE OF CHAUTAUQUA 44224	6 daughters--	12	6,714	4.0	271
Born, 9-28-36; proved, 2-1-50;----; N. Y.	5 daughters--	10	6,537	4.0	261
Sire, 32066; dam, 37581.	5 dams-------	18	7,130	3.6	258
Herd Owner, Thomas Cave, Lakewood.	Difference---	(1-5-3)	-593	+.4	+3
WALHALLA WONDER SCORE 41666	10 daughters-	7	7,466	4.2	316
Born, 11-13-38; proved, 2-28-50;----; Iowa.	5 daughters--	6	8,302	4.3	357
Sire, 31781; dam, 62124.	5 dams-------	27	11,634	4.1	475
Herd Owner, Martin I. Bice, Cedar Rapids.	Difference---	(0-5-1)	-3,332	+.2	-118

GUERNSEY SIRES

ADELINE'S ACTOR OF CARNIVAL 247970	10 daughters-	11	8,054	4.7	376
Born, 8-31-34; proved, 2-3-50;----; Wis.	6 daughters--	6	8,579	4.6	393
Sire, 155746; dam, 336934.	6 dams-------	10	7,397	4.7	351
Herd Owner, Clarence Larson, Algoma.	Difference---	(5-1-5)	+1,182	-.1	+42
ANTIETAM CRUSADER 331757	8 daughters--	8	8,349	5.0	416
Born, 2-10-43; proved, 2-2-50;----; Pa.	7 daughters--	7	7,910	5.1	404
Sire, 231275; dam, 512191.	7 dams-------	17	8,905	4.9	439
Herd Owner, Walter R. Hibberd, Birchrunville.	Difference---	(3-5-3)	-995	+.2	-35
ARGILLA FAIR ROYAL 294846	8 daughters--	17	7,721	5.0	390
Born, 7-30-40; proved, 2-1-50; alive; Conn.	5 daughters--	12	7,913	5.0	399
Sire, 250015; dam, 390535.	5 dams-------	21	7,962	4.7	371
Herd Owner, Tudor F. Holcomb, West Granby.	Difference---	(3-4-3)	-49	+.3	+28
AVALON'S MEADOW KING 344204	9 daughters--	12	8,370	4.6	382
Born, 5-12-43; proved, 2-28-50;----; Conn.	8 daughters--	10	8,234	4.5	374
Sire, 205129; dam, 501928.	8 dams-------	24	9,671	4.5	433
Used in Connecticut A. B. A., Inc.	Difference---	(2-6-3)	-1,437	.0	-59
BEAUTY'S DALE 351779	6 daughters--	6	11,571	5.1	592
Born, 9-17-43; proved, 2-16-50;----; Iowa.	6 dams-------	21	10,862	4.9	527
Sire, 312303; dam, 625559.	Difference---	(5-5-4)	+709	+.2	+65
Herd Owner, Carl Lueder, Fayette.					
BENTON'S STAR BRIGHT 300478	10 daughters-	15	7,814	4.8	375
Born, 11-24-40; proved, 2-7-50; alive; Va.	5 daughters--	8	8,024	4.7	379
Sire, 235497; dam, 521290.	5 dams-------	14	8,414	4.6	390
Herd Owner, Dairylou Farms, Herndon.	Difference---	(2-4-1)	-390	+.1	-11
BOULDER BRIDGE CONSORT 324933	5 daughters--	7	7,037	5.2	366
Born, 9-2-42; proved, 2-1-50;----; Iowa.	5 dams-------	17	5,690	5.2	297
Sire, 259502; dam, 402061.	Difference---	(5-2-5)	+1,347	.0	+69
Herd Owner, Guy Williamson, Rowley.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
BROADWATER MOHAWK 279512	7 daughters	10	8,537	4.9	421
Born, 7-1-39; proved, 2-28-50;----; Pa.	6 daughters	8	8,550	5.0	424
Sire, 207096; dam, 328112.	6 dams	10	7,508	5.1	456
Herd Owner, Kimberton Farms, Phoenixville.	Difference	(2-[illegible]-1)	-1,048	-.1	-61
BROOKLANDWOOD BLITZ 323835	9 daughters	11	[illegible]	4.8	[illegible]
Born, 5-23-42; proved, 2-3-50; dead; Md.	7 daughters	8	6,773	4.8	[illegible]
Sire, 260790; dam, 411025.	7 dams	15	7,511	4.6	346
Herd Owner, Walter Kohn, Baltimore.	Difference	(2-5-4)	-738	+.2	[illegible]
CAROL'S CHOICE OF TAMARACK RIDGE 248742	8 daughters	12	8,396	4.6	[illegible]
Born, 2-28-37; proved, 2-3-50;----; Mich.	6 daughters	8	8,126	4.7	378
Sire, 205682; dam, 251791.	6 dams	[illegible]	7,480	5.0	371
Herd Owner, Loren Frey, Sand Lake.	Difference	(3-1-3)	+646	-.[illegible]	+7
CHICONA NOTKER 330067	10 daughters	15	8,990	5.1	457
Born, 5-3-42; proved, 2-3-50; dead; Wash.	8 daughters	[illegible]	[illegible]	5.1	466
Sire, 279460; dam, 539260.	8 dams	28	8,859	[illegible]	468
Herd Owner, Merrill M. Dodge & Son, Ellensburg.	Difference	(4-2-3)	+318	-.2	-2
CHINQUAPIN BRONZE PRINCE 285666 *13	18 daughters	34	7,567	4.6	347
Born, 4-2-40; proved, 2-2-50; alive; Wis.	17 daughters	33	7,639	4.6	[illegible]
Sire, [illegible]; dam, 335646.	17 dams	92	7,048	4.7	334
Used in Badger Co-op. A. B. A.	Difference	(10-7-8)	+591	-.1	+17
DORELLA DOLLY'S RIVAL 314818	10 daughters	13	10,472	5.0	521
Born, 10-18-41; proved, 2-1-50; dead; Idaho.	9 daughters	12	10,444	4.9	[illegible]
Sire, 140720; dam, [illegible].	9 dams	15	8,344	5.1	428
Herd Owner, N. W. Olsen, Blackfoot.	Difference	(7-4-7)	+2,100	-.2	+86
ETH-MEAD QUEEN'S MONARCH 297873	5 daughters	[illegible]	8,057	4.6	[illegible]
Born, 2-26-40; proved, 2-6-50;----; Mich.	5 dams	10	8,962	4.6	411
Sire, 250038; dam, 523663.	Difference	(0-2-1)	-905	.0	-37
Herd Owner, William F. Pioch, Milford.					
FAIRLAWN MAXIM'S ELSAX 291918	9 daughters	9	7,319	4.9	359
Born, 3-31-40; proved, 2-28-50;----; Pa.	6 daughters	6	6,970	4.7	[illegible]
Sire, 247877; dam, 356283.	6 dams	8	8,487	4.4	370
Herd Owner, J. Edward Stauff, Thorndale.	Difference	(1-6-1)	-1,517	+.3	-40
FILLUP'S FILLO OF HEBRON HILL 331898	6 daughters	10	6,475	4.5	291
Born, 2-3-43; proved, 2-1-50; dead; Ill.	5 daughters	8	6,259	4.5	282
Sire, 214348; dam, 700439.	5 dams	7	8,739	4.2	371
Herd Owner, Paul Graybill, Freeport.	Difference	(0-4-1)	-2,480	+.3	-89
FIR RIDGE ULTRA WARRIOR 327918	9 daughters	16	8,013	4.8	387
Born, 3-6-42; proved, 2-1-50;----; Oreg.	5 daughters	8	7,826	4.8	376
Sire, 196157; dam, 332700.	5 daughters	7	8,140	4.8	388
Herd Owner, Russell Hills, Salem.	Difference	(3-2-2)	-314	.0	-12
FLOSSIE'S ADJUSTER 332503	6 daughters	8	7,193	4.9	352
Born, 11-8-42; proved, 2-13-50;----; Pa.	6 dams	14	6,770	4.8	328
Sire, 201118; dam, 531200.	Difference	(4-4-5)	+423	+.1	+24
Herd Owner, Clarence R. Hack, Berwick.					
FOREMOST MARINE 326220	13 daughters	23	7,441	4.5	338
Born, 1-10-42; proved, 2-3-50; alive; N. J.	12 daughters	20	7,512	4.6	343
Sire, 254678; dam, 415681.	12 dams	51	8,320	4.7	391
Herd Owner, Joseph E. Wright, Columbus.	Difference	(3-6-3)	-808	-.1	-48
FOX-DECEIVED OPAL'S BOND 312890	5 daughters	7	6,469	4.7	301
Born, 4-24-40; proved, 2-1-50;----; Pa.	5 dams	18	7,537	4.8	360
Sire, 259781; dam, 489073.	Difference	(2-3-1)	-1,068	-.1	-59
Herd Owner, G. A. Biggs, McConnellsburg.					
FRITZLYN CLEMENT 303974	8 daughters	[illegible]	7,025	4.5	[illegible]
Born, 7-7-41; proved, 2-28-50;----; W. Va.	6 daughters	6	7,243	4.6	[illegible]
Sire, 271517; dam, 513489.	6 dams	17	7,083	4.1	291
Herd Owner, Terry & Emery Roush, Letart.	Difference	(4-5-4)	+160	+.5	+39
FRITZLYN RAMSAY 319786	8 daughters	[illegible]	6,920	4.6	321
Born, 2-25-42; proved, 2-28-50;----; Pa.	8 dams	12	6,921	4.8	[illegible]
Sire, 221832; dam, 527337.	Difference	(5-4-4)	-1	-.2	-9
Herd Owner, Harry Cochran, Dawson.					
FRITZLYN VALOR SUCCESSOR 321343	6 daughters	7	7,535	5.2	392
Born, 5-18-42; proved, 2-6-50;----; Pa.	6 dams	13	7,137	4.9	352
Sire, 214206; dam, 365434.	Difference	(4-5-4)	+398	+.3	+40
Herd Owner, William F. Fretz, Pipersville.					
FRITZLYN XMAS GIFT 299897	9 daughters	11	7,314	4.8	350
Born, 12-24-40; proved, 2-28-50;----; Pa.	9 dams	24	8,769	4.9	429
Sire, 185818; dam, 392024.	Difference	(3-4-3)	-1,455	-.1	-79
Herd Owner, William F. Fretz, Pipersville.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	
	Number	Number	Pounds	Percent	Pounds
GAY LAD OF FRAMPTON FARM 300800	11 daughters-	14	7,077	5.0	[illegible]
Born, 4-3-41; proved, 2-28-50;----; Pa.	11 dams------	49	7,297	5.0	366
Sire, 243116; dam, 377237.	Difference---	(5-5-7)	-280	.0	-14
Herd Owner, Dr. H. S. Arthur, Fort Loudon.					
GENERAL'S DEMONSTRATOR 298481	8 daughters--	9	6,[illegible]1	4.9	305
Born, 10-10-40; proved, 2-28-50;----; Md.	5 daughters--	5	5,804	5.0	288
Sire, 260713; dam, 543613.	5 dams-------	10	6,571	4.8	314
Herd Owner, Mrs. H. B. Getty, New Windsor.	Difference---	(1-3-2)	-767	+.2	-26
GLENBURNIE PRESTO 292550	7 daughters--	9	7,287	5.1	372
Born, 8-13-39; proved, 2-28-50;----; Md.	5 daughters--	7	6,583	5.3	351
Sire, 252571; dam, 590586.	5 dams-------	19	6,774	5.5	385
Herd Owner, J. W. Edelen, Glenarm.	Difference---	(3-2-2)	-391	-.2	-34
GRACELAND MAX RAYMOND 326528	9 daughters--	12	7,245	5.0	365
Born, 8-28-42; proved, 2-16-50;----; Va.	7 daughters--	8	7,193	5.1	366
Sire, 280276; dam, 564150.	7 dams-------	21	7,707	4.5	343
Herd Owner, C. Mason Knabe, Clayville.	Difference---	(4-5-5)	-514	+.6	+23
GUSANNA'S CHALLENGER 328513	9 daughters--	11	7,411	4.8	357
Born, 11-12-40; proved, 2-3-50;----; Wis.	8 daughters--	10	7,455	4.8	357
Sire, 265922; dam, 518142.	8 dams-------	26	6,985	4.[illegible]	310
Herd Owner, Erwin J. Riemer, Cedarburg.	Difference---	(6-6-5)	+470	+.4	+47
HIGHLAND PLACE CHERUB FREEMAN 299500	12 daughters-	23	6,461	4.6	294
Born, 1-16-41; proved, 2-8-50;----; Iowa.	5 daughters--	9	7,058	4.3	307
Sire, 141688; dam, 399593.	5 dams-------	13	6,268	4.7	293
Herd Owner, Burdette Bailey, Waterloo.	Difference---	(4-1-3)	+790	-.4	+14
HORSE SHOE F. DONALD 309779 *(Apr. 1949)	24 daughters-	43	8,086	4.7	380
Born, 12-3-41; proved, 2-28-50;----; Conn.	22 daughters-	41	8,059	4.7	382
Sire, 257351; dam, 537381.	22 dams------	71	8,286	4.7	388
Used in Connecticut A. B. A., Inc.	Difference---	(10-15-11)	-227	.0	-6
HUNTER'S BUDDY 312536	6 daughters--	9	8,515	4.5	385
Born, 8-2-40; proved, 2-9-50;----; Pa.	6 dams-------	14	9,188	4.1	380
Sire, 221963; dam, 464120.	Difference---	(2-3-3)	-673	+.4	+5
Herd Owner, G. E. Dixon, Sharpsville.					
IDEAL AMERICA 301333	9 daughters--	13	7,426	4.2	313
Born, 3-30-41; proved, 2-10-50;----; Pa.	6 daughters--	8	7,284	4.2	303
Sire, 230247; dam, 534710.	6 dams-------	19	8,484	4.1	346
Herd Owner, Wahlberg Brothers, Kane.	Difference---	(1-4-0)	-1,200	+.1	-43
IDEAL'S MAXIM 295484	13 daughters-	19	7,125	4.9	347
Born, 8-18-40; proved, 2-28-50;----; Va.	5 daughters--	5	6,627	5.0	330
Sire, 155873; dam, 458812.	5 dams-------	12	8,094	4.9	[illegible]
Herd Owner, George W. Palmer, Green Bay.	Difference---	(1-3-1)	-1,467	+.1	-64
INTERLOCHS REGENT 329874	5 daughters--	8	7,176	4.8	345
Born, 7-27-41; proved, 2-1-50;----; Colo.	5 dams-------	23	7,271	4.4	321
Sire, 229107; dam, 482602.	Difference---	(3-4-3)	-95	+.4	+24
Herd Owner, Holland Dairy Farm, Colorado Springs.					
JALENA'S NOBLY BORN 234922	9 daughters--	14	8,753	4.9	429
Born, 4-21-36; proved, 2-28-50;----; Pa.	6 daughters--	10	8,874	4.8	426
Sire, 213256; dam, 378863.	6 dams-------	17	8,969	4.9	442
Herd Owner, M. C. Buckingham, Cornwall.	Difference---	(2-2-2)	-95	-.1	-16
JEWEL'S YANKEE OF COWHAM FARM 294150	11 daughters-	15	9,707	4.2	411
Born, 1-14-40; proved, 2-1-50;----; Mich.	5 daughters--	8	10,007	4.1	415
Sire, 267439; dam, 483561.	5 dams-------	7	9,007	4.6	412
Herd Owner, S. D. Emerson & Son, Saline.	Difference---	(4-0-2)	+1,000	-.5	+3
KREGOLA'S ADMIRAL 353537	9 daughters--	13	8,914	4.9	436
Born, 11-28-43; proved, 2-6-50;----; Iowa.	8 daughters--	12	8,691	4.9	429
Sire, 318468; dam, 802431.	8 dams-------	28	8,416	4.6	386
Herd Owner, John C. Lueder & Sons, West Union.	Difference---	(2-6-5)	+275	+.3	+43
LANGWATER RANGER 312366	17 daughters-	21	8,064	4.7	380
Born, 12-2-41; proved, 2-1-50;----; Pa.	7 daughters--	10	8,220	4.8	395
Sire, 252897; dam, 642349.	7 dams-------	9	9,691	4.6	448
Herd Owner, A. D. Thayer, Gwynedd Valley.	Difference---	(2-6-1)	-1,471	+.2	-53
LETTY'S ROYAL GUARDSMAN OF HAZEN 259364	7 daughters--	8	8,117	4.5	362
Born, 11-9-37; proved, 2-28-50;----; Pa.	5 daughters--	5	7,850	4.6	363
Sire, 189324; dam, 245119.	5 dams-------	15	7,899	4.8	379
Herd Owner, Frank Bloom, Rockton.	Difference---	(2-1-2)	-49	-.2	-16
LOCKSHORE DIAMOND'S PRINCE 320076	6 daughters--	6	5,550	4.8	266
Born, 3-19-42; proved, 2-13-50;----; Wis.	5 daughters--	5	5,575	4.8	266
Sire, 194628; dam, 497751.	5 dams-------	20	7,397	5.0	373
Herd Owner, Thomas Maddock, Burlington.	Difference---	(1-2-0)	-1,822	-.2	-107

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
LOOKWELL L. ROYAL 328005----------	11 daughters-	13	7,396	4.5	333
Born, 8-1-42; proved, 2-1-50; dead; Ill.	9 daughters--	11	7,305	4.4	325
Sire, 280450; dam, 520733.	9 dams-------	23	8,018	4.8	388
Herd Owner, Clinton O. & Donald W. Carpenter, Egan.	Difference---	(4-2-3)	-713	-.4	-63
LUXERIN THRACIAN 296225----------	13 daughters-	28	7,338	4.5	333
Born, 7-26-40; proved, 2-3-50;----; Wis.	7 daughters--	11	6,868	4.5	311
Sire, 209211; dam, 314136.	7 dams-------	16	7,698	4.3	332
Herd Owner, Decorah Farm, West Bend.	Difference---	(3-6-3)	-830	+.2	-21
MAJOR JIMMY OF GELOSTER FARM 316111----------	11 daughters-	13	9,104	5.0	459
Born, 11-12-41; proved, 2-28-50;----; Wis.	8 daughters--	9	8,917	5.0	445
Sire, 283213; dam, 647517.	8 dams-------	16	9,039	4.9	447
Used in Michigan Co-op. A. B. A., Inc., Mich.	Difference---	(5-5-5)	-122	+.1	-2
MAPLE LANE HEWESHURST PEERLESS 323287----------	6 daughters--	6	6,455	5.4	347
Born, 6-16-42; proved, 2-1-50;----; N. Y.	6 dams-------	19	6,913	5.3	368
Sire, 283279; dam, 400509.	Difference---	(3-4-2)	-458	+.1	-21
Herd Owner, Harold S. Dennison, Jamestown.					
MAPLE LANE LUCKY'S LADDIE 319865----------	7 daughters--	10	9,696	5.4	525
Born, 2-22-42; proved, 2-6-50; alive; Mich.	6 daughters--	8	9,994	5.4	539
Sire, 237497; dam, 463942.	6 dams-------	23	10,622	5.4	569
Used in Badger Co-op. A. B. A., Wis.	Difference---	(2-4-3)	-628	.0	-30
MCDONALD FARMS BARONET 330122----------	6 daughters--	7	9,364	4.8	450
Born, 9-12-42; proved, 2-3-50; alive; Ohio.	5 daughters--	5	9,598	4.7	451
Sire, 293925; dam, 744858.	5 dams-------	10	7,292	4.6	332
Herd Owner, O. R. Reed & Sons, Delaware.	Difference---	(5-4-5)	+2,306	+.1	+119
MCDONALD FARMS FOSTER 299996----------	8 daughters--	9	8,528	4.8	407
Born, 8-4-40; proved, 2-16-50;----; Pa.	5 daughters--	5	8,025	4.8	386
Sire, 212227; dam, 315026.	5 dams-------	22	8,025	5.0	398
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(3-1-1)	0	-.2	-12
MCDONALD FARMS FOUNDER 293922----------	9 daughters--	15	7,231	5.0	359
Born, 9-2-40; proved, 2-6-50;----; Pa.	8 daughters--	14	7,388	4.9	361
Sire, 262516; dam, 596313.	8 dams-------	21	7,598	4.9	371
Herd Owner, The William Irvin Co., Big Run.	Difference---	(5-3-3)	-210	.0	-10
MCDONALD FARMS HADWIN 331785----------	14 daughters-	17	7,609	4.8	362
Born, 1-23-42; proved, 2-3-50;----; Pa.	6 daughters--	7	8,174	4.9	397
Sire, 276554; dam, 613792.	6 dams-------	13	6,838	5.0	340
Herd Owner, James E. Hindman, Jr., Tyrone.	Difference---	(5-3-5)	+1,336	-.1	+57
MEADOW LODGE KING'S CRUSADER 292459----------	7 daughters--	9	7,553	4.6	351
Born, 9-23-40; proved, 2-6-50;----; Kans.	5 daughters--	6	8,054	4.5	365
Sire, 196128; dam, 454069.	5 dams-------	22	7,367	4.9	364
Used in Eastern Oklahoma A. B. A., Okla.	Difference---	(3-0-2)	+687	-.4	+1
NASHOBA DREADNOUGHT COMMANDER 299536----------	7 daughters--	16	8,031	4.8	388
Born, 10-22-40; proved, 2-8-50; dead; Wis.	7 dams-------	23	9,399	5.0	469
Sire, 211731; dam, 508013.	Difference---	(1-3-1)	-1,368	-.2	-81
Herd Owner, Bliss Farm, Elkhorn.					
NELAN'S CLIMAX VICTOR 319462----------	8 daughters--	12	9,225	4.8	444
Born, 3-6-42; proved, 2-9-50;----; Pa.	8 dams-------	39	9,389	4.9	456
Sire, 278988; dam, 419434.	Difference---	(3-5-4)	-164	-.1	-12
Herd Owner, R. W. Smith & Brothers, Hollidaysburg.					
NORTHMEADE ROSE KING 334043----------	11 daughters-	13	7,874	5.0	392
Born, 12-8-42; proved, 2-2-50;----; Ind.	7 daughters--	8	7,846	4.9	383
Sire, 250949; dam, 599813.	7 dams-------	14	8,860	4.7	417
Herd Owner, Pine Manor Farm, Goshen.	Difference---	(1-5-1)	-1,014	+.2	-34
PLEASANT VALLEY EMINENT 326299----------	10 daughters-	11	8,032	5.2	419
Born, 9-21-41; proved, 2-3-50;----; Iowa.	9 daughters--	10	8,069	5.2	423
Sire, 199294; dam, 607731.	9 dams-------	41	8,480	5.1	434
Herd Owner, J. S. McBride & Sons, Muscatine.	Difference---	(4-5-4)	-411	+.1	-11
QUAIL ROOST CRYSTAL KING 303816----------	6 daughters--	8	6,873	5.1	350
Born, 8-17-40; proved, 2-1-50;----; N. C.	5 daughters--	7	7,273	5.1	368
Sire, 215828; dam, 448372.	5 dams-------	9	7,764	4.5	353
Herd Owner, Mrs. Maria Shore, Winston-Salem.	Difference---	(4-3-3)	-491	+.6	+15
QUAIL ROOST PRINCE MAX 280276 *10----------	39 daughters-	56	7,756	5.3	412
Born, 9-19-39; proved, 2-3-50;----; Va.	30 daughters-	43	7,667	5.3	407
Sire, 209991; dam, 374884.	30 dams------	68	7,669	4.9	379
Herd Owner, C. N. Elam, Clayville.	Difference---	(15-27-20)	-2	+.4	+28
ST. ALBANS VALIANT HIAWATHA 319209----------	9 daughters--	11	7,662	5.0	386
Born, 2-17-42; proved, 2-1-50; alive; Ill.	5 daughters--	6	8,476	4.9	419
Sire, 200316; dam, 578430.	5 dams-------	11	7,193	4.8	345
Used in Southern Illinois A. B. A.	Difference---	(3-4-3)	+1,283	+.1	+74

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
ST. JAMES DUKE'S RADIANT BOY 336256----------	6 daughters--	7	9,705	4.9	472
Born, 3-28-43; proved, 2-28-50;----; Ill.	5 daughters--	6	9,445	5.0	477
Sire, 268403; dam, 617110.	5 dams-------	9	9,[illegible]	4.6	437
Herd Owner, Charles E. Vanderheyden, Stockton.	Difference---	(3-5-4)	-97	+.4	+40
SHAMROCK ULTRA MONARCH 324795----------	5 daughters--	9	8,841	4.9	434
Born, 2-19-42; proved, 2-7-50; dead; Oreg.	5 dams-------	12	9,375	5.3	498
Sire, 276512; dam, 506258.	Difference---	(3-2-2)	-534	-.4	-64
Herd Owner, Winfield H. Brandt, Silverton.					
SHIERWOOD DIANA'S RADIUM 296969----------	7 daughters--	11	6,759	5.1	346
Born, 11-17-38; proved, 2-3-50;----; Ind.	6 daughters--	9	6,863	5.0	346
Sire, 210994; dam, 460204.	6 dams-------	8	7,239	4.8	345
Herd Owner, Francis Shierling, Winchester.	Difference---	(2-5-2)	-376	+.2	+1
SPLITSILK'S DELIGHT 280691----------	10 daughters-	13	7,259	4.9	353
Born, 12-1-39; proved, 2-28-50;----; N. H.	6 daughters--	8	7,300	4.9	358
Sire, 203950; dam, 451465.	6 dams-------	26	8,500	5.4	456
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(2-2-1)	-1,200	-.5	-98
TARBELL FARMS PEERLESS MILO 334384----------	14 daughters-	20	7,973	4.5	361
Born, 8-26-42; proved, 2-13-50;----; Pa.	12 daughters-	16	8,065	4.5	364
Sire, 214202; dam, 633949.	12 dams------	32	7,011	4.7	328
Herd Owner, Edwin S. Hooker, Belleville.	Difference---	(9-6-7)	+1,054	-.2	+36
TREE HILL COUNTRY LAD 288300----------	12 daughters-	12	7,145	5.2	371
Born, 1-3-40; proved, 2-1-50; dead; Va.	8 daughters--	8	7,094	5.2	372
Sire, 254892; dam, 374268.	8 dams-------	14	7,523	4.6	350
Herd Owner, W. A. Houck, Fredericksburg.	Difference---	(5-7-5)	-429	+.6	+22
VIOLET'S VALIANT OF FLOWERDALE 321029----------	9 daughters--	15	7,128	4.8	340
Born, 12-9-39; proved, 2-28-50;----; Wis.	8 daughters--	12	7,162	4.7	339
Sire, 243382; dam, 365289.	8 dams-------	33	7,401	4.8	359
Herd Owner, John A. Pritzl, Cato.	Difference---	(3-5-3)	-239	-.1	-20
343998----------	7 daughters--	8	10,781	4.4	476
Born, ----; proved, 2-28-50;----; Idaho.	7 dams-------	18	9,797	4.8	469
Sire, ----; dam, ----.	Difference---	(5-3-3)	+984	-.4	+7
Herd Owner, Charles J. Pritzl, New Plymouth.					
35*HZ35978 (BANGS OR TB EARTAG)----------	5 daughters--	8	6,855	5.2	354
Born, ----; proved, 2-3-50;----; Wis.	5 dams-------	23	6,521	5.5	361
Sire, ----; dam, ----.	Difference---	(4-1-2)	+334	-.3	-7
Herd Owner, Anton Skubal, Mishicot.					

HOLSTEIN SIRES

ADMIRAL ORMSBY FOBES OF ROCK (TWIN) 731747 *8----------	48 daughters-	95	10,450	3.7	384
Born, 2-4-35; proved, 2-7-50; dead; Wis.	36 daughters-	73	10,515	3.7	389
Sire, 669048; dam, 845551.	36 dams------	104	11,768	3.6	426
Herd Owner, George M. Kieffer, Auburndale.	Difference---	(11-23-14)	-1,253	+.1	-37
AVALAND CARNATION BESS SUPREME 867025----------	7 daughters--	7	13,535	3.4	460
Born, 9-27-42; proved, 2-2-50; dead; Mich.	7 dams-------	17	13,727	3.6	490
Sire, 800214; dam, 1799412.	Difference---	(4-1-2)	-192	-.2	-30
Herd Owner, C. Wilbur Randol, Kalamazoo.					
BAKER FARM JON DIRECT 787731----------	7 daughters--	8	15,437	3.5	544
Born, 11-12-39; proved, 2-28-50;----; Ill.	6 daughters--	7	15,152	3.6	546
Sire, 553013; dam, 1536703.	6 dams-------	11	12,380	3.5	435
Herd Owner, Hickory Creek Farms, West McHenry.	Difference---	(5-4-5)	+2,772	+.1	+111
BAKER FARM MATE 862858----------	9 daughters--	14	11,950	3.4	411
Born, 8-19-42; proved, 2-1-50; dead; N. H.	7 daughters--	10	12,096	3.4	414
Sire, 780041; dam, 1770454.	7 dams-------	12	10,318	3.4	355
Herd Owner, Rockingham County Farm, Epping.	Difference---	(6-4-6)	+1,778	.0	+59
BOOMER PAUL WALKER 836022----------	9 daughters--	13	10,996	3.5	384
Born, 2-12-41; proved, 2-13-50; dead; Idaho.	5 daughters--	6	10,924	3.5	387
Sire, 722426; dam, 1700430.	5 dams-------	8	12,948	3.4	442
Herd Owner, Aloys Schuler, Nampa.	Difference---	(1-4-2)	-2,024	+.1	-55
BUSTER POSCH PIEBE 867914----------	8 daughters--	8	11,411	3.5	395
Born, 8-3-42; proved, 2-28-50;----; Iowa.	7 daughters--	7	11,319	3.4	382
Sire, 809523; dam, 1374513.	7 dams-------	41	11,240	3.7	419
Herd Owner, Rainer Schmitt, Durango.	Difference---	(4-3-2)	+79	-.3	-37
BUTTER BOY OAKWOOD 614900 *3----------	34 daughters-	166	10,524	3.5	370
Born, 6-15-29; proved, 2-6-50; dead; Ill.	24 daughters-	116	10,744	3.6	383
Sire, 456858; dam, 963833.	24 dams------	125	10,631	3.2	341
Herd Owner, Alton State Hospital, Alton.	Difference---	(11-23-17)	+113	+.4	+42

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CAIRNBRAE BRUCE BELMONT 822221----------	6 daughters--	16	12,575	3.5	439
Born, 1-13-41; proved, 2-28-50;----; Minn.	6 dams-------	18	11,118	3.3	370
Sire, 769919; dam, 2046155.	Difference---	(4-5-4)	+1,457	+.2	+69
Herd Owner, Myron W. Clark, Stewartville.					
CAMPTON HILLS MONTVIC INKARNATION 853346----------	10 daughters-	11	12,307	3.7	461
Born, 3-21-42; proved, 2-1-50; dead; Ill.	10 dams------	29	15,180	3.7	566
Sire, 756713; dam, 1898670.	Difference---	(0-4-0)	-2,873	.0	-105
Herd Owner, Campton Hills Farm, Wasco.					
CARNATION HOMESTEAD MOOIE 758914 *9----------	42 daughters-	62	11,328	3.8	430
Born, 2-10-38; proved, 2-28-50;----; Ill.	31 daughters-	47	11,401	3.8	431
Sire, 678142; dam, 1771816.	31 dams------	63	12,364	3.6	445
Herd Owner, Foxhome Farm, Sycamore.	Difference---	(14-21-14)	-963	+.2	-14
CARNATION IMPERIAL CAVALIER 863791----------	5 daughters--	6	13,846	3.5	481
Born, 11-2-42; proved, 2-3-50; alive; Ohio.	5 dams-------	17	14,753	3.6	518
Sire, 698462; dam, 1909689.	Difference---	(3-4-3)	-907	.0	-37
Herd Owner, Mrs. Andrew Neff, Bellaire.					
CARNATION IMPERIAL MAJESTIC 857482 *13----------	19 daughters-	32	12,279	3.9	473
Born, 7-13-42; proved, 2-28-50;----; Ill.	12 daughters-	19	12,328	3.8	469
Sire, 698462; dam, 2068774.	12 dams------	28	13,271	3.4	453
Herd Owner, Homer Curtiss, Stockton.	Difference---	(3-11-9)	-943	+.4	+16
CARNATION ORMSBY PONTIAC IMPERIAL 826043----------	11 daughters-	11	13,137	3.5	458
Born, 5-2-41; proved, 2-28-50;----; Wash.	7 daughters--	7	13,680	3.5	474
Sire, 698462; dam, 1771832.	7 dams-------	28	12,987	3.3	430
Used in Oregon A. B. A., Oreg.	Difference---	(5-5-5)	+693	+.2	+44
CARNATION PERFECTION RENOWN 837636----------	9 daughters--	13	12,835	3.4	430
Born, 9-18-41; proved, 2-28-50;----; Utah.	5 daughters--	8	13,913	3.3	457
Sire, 771562; dam, 2018990.	5 dams-------	17	12,864	3.3	426
Herd Owner, Ross H. Gordon, Smithfield.	Difference---	(4-3-3)	+1,049	.0	+31
CHIEFTAIN VEEMAN PRIDE 832728----------	12 daughters-	18	11,535	3.6	412
Born, 10-4-41; proved, 2-8-50;----; N. Y.	7 daughters--	8	11,176	3.5	392
Sire, 695631; dam, 2048285.	7 dams-------	24	11,105	3.6	396
Herd Owner, A. J. McCaig & Son, Canisteo.	Difference---	(5-3-4)	+71	-.1	-4
CHURCH POSCH DEAN ORMSBY 820739----------	16 daughters-	44	9,784	3.3	328
Born, 4-2-40; proved, 2-2-50; dead; N. Y.	5 daughters--	11	9,446	3.3	311
Sire, 709439; dam, 1853123.	5 dams-------	14	12,240	3.4	412
Herd Owner, R. M. Simons & Son, Smyrna.	Difference---	(0-2-0)	-2,794	-.1	-101
CLAYACRES FOBES LYONS 866985----------	10 daughters-	15	10,751	3.6	392
Born, 8-21-42; proved, 2-28-50;----; Mich.	9 daughters--	13	10,708	3.6	389
Sire, 793910; dam, 1874692.	9 dams-------	37	12,037	3.5	417
Herd Owner, Alvin Harnish, Palms.	Difference---	(2-8-4)	-1,329	+.1	-28
CLOVERCOURT CARNATION INKA 889361----------	8 daughters--	9	14,233	3.3	475
Born, 9-14-43; proved, 2-28-50;----; Pa.	8 dams-------	18	10,741	3.4	368
Sire, 771575; dam, 1969632.	Difference---	(7-4-7)	+3,492	-.1	+107
Herd Owner, William Arnold, Montrose.					
CLOVE VALLEY SUPREME SATISFACTION 864818 *13----------	18 daughters-	30	14,029	3.8	533
Born, 8-29-42; proved, 2-10-50;----; N. Y.	18 dams------	66	11,273	4.0	448
Sire, 825543; dam, 2078313.	Difference---	(17-6-14)	+2,756	-.2	+85
Herd Owner, Mrs. J. M. Huff & Sons, Hemlock.					
CLYDE HILL HENGERVELD MERCEDES 792446----------	12 daughters-	14	10,587	3.7	387
Born, 3-7-40; proved, 2-28-50;----; Kans.	6 daughters--	6	10,810	3.7	397
Sire, 664525; dam, 1629963.	6 dams-------	10	10,102	3.5	353
Herd Owner, Robert A. Jardon, Randolph, Iowa.	Difference---	(4-5-4)	+708	+.2	+44
COLFAX CARNATION MADCAP ORMSBY 875547----------	7 daughters--	9	12,474	3.4	423
Born, 6-13-42; proved, 2-2-50;----; Ind.	7 dams-------	19	10,579	3.3	349
Sire, 740309; dam, 2197415.	Difference---	(6-7-6)	+1,895	+.1	+74
Herd Owner, Cotner & March, Flora.					
CORNELL PLEDGE IRA 883091----------	8 daughters--	8	11,057	3.8	418
Born, 3-22-43; proved, 2-10-50; dead; N. Y.	7 daughters--	7	10,579	3.8	407
Sire, 746743; dam, 1841651.	7 dams-------	32	11,649	3.5	410
Herd Owner, J. Howard Coon, Homer.	Difference---	(3-6-4)	-1,070	+.3	-3
DE KOL TRITOMIA ORMSBY MERCEDES 787874----------	5 daughters--	5	9,463	3.9	367
Born, 12-7-38; proved, 2-28-50;----; Iowa.	5 dams-------	10	10,319	3.6	369
Sire, 730511; dam, 1631647.	Difference---	(1-5-2)	-856	+.3	-2
Herd Owner, Leonard Scheckinger, Carroll.					
DIPLOMAT CRUSADER (TWIN) 867349----------	8 daughters--	11	14,970	3.3	495
Born, 10-19-41; proved, 2-2-50;----; N. Y.	6 daughters--	8	14,721	3.2	477
Sire, 128950 CHB; dam, 394821 CHB.	6 dams-------	14	12,498	3.3	419
Herd Owner, Edward A. Rees & Son, Fillmore.	Difference---	(5-4-5)	+2,223	-.1	+58

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
DUART ADMIRAL ORMSBY FOBES 867670----------	5 daughters--	5	8,683	3.8	314
Born, 10-10-4[illegible]; proved, 2-28-50;----; Wis.	5 dams-------	13	10,573	3.5	370
Sire, 794736; dam, 1706806.	Difference---	(0-5-1)	-1,890	+.1	-56
Herd Owner, Duart Farm Elkhorn.					
DUKE ORMSBY WALKER 874975----------	5 daughters--	7	14,050	3.4	480
Born, 12-11-42; proved, 2-1-50; dead; Mass.	5 dams-------	19	12,968	3.4	446
Sire, 813934; dam, 2197288.	Difference---	(4-2-3)	+1,082	.0	+34
Herd Owner, Indian Acres, Assonet.					
DUNLOGGIN ERICKSON 834434----------	7 daughters--	10	13,150	3.8	501
Born, 10-19-41; proved, 2-2-50;----; Ind.	6 daughters--	9	12,852	4.0	510
Sire, 751640; dam, 1953752.	6 dams-------	13	9,329	3.7	341
Herd Owner, Glenn L. Reed, Brook.	Difference---	(6-6-6)	+3,523	+.3	+169
DUNLOGGIN FON MARATHON 811985 *13----------	13 daughters-	21	11,345	3.4	385
Born, 11-1-40; proved, 2-2-50;----; Wis.	10 daughters-	15	11,377	3.4	385
Sire, 751640; dam, 1897962.	10 dams------	24	13,074	3.5	453
Herd Owner, Arthur Clark, Wisconsin Rapids.	Difference---	(3-7-2)	-1,697	-.1	-68
EBENEZER PIPER SHIRLEY 849829----------	9 daughters--	12	13,143	3.5	455
Born, 3-16-41; proved, 2-2-50; dead; Wis.	6 daughters--	9	12,493	3.4	426
Sire, 697680; dam, 1891693.	6 dams-------	30	13,595	3.5	470
Herd Owner, Arno Seider, Adell.	Difference---	(1-2-1)	-1,102	-.1	-44
ECKLORA POSCH ORMSBY FOBES 890178----------	5 daughters--	5	14,473	3.5	510
Born, 7-27-43; proved, 2-28-50;----; Iowa.	5 dams-------	11	13,876	3.5	484
Sire, 701072; dam, 2041865.	Difference---	(3-3-3)	+597	.0	+26
Herd Owner, Harold B. Sutton, Shell Rock.					
ENSIGN ALICE INKARNATION 834177----------	15 daughters-	22	11,621	3.5	404
Born, 10-23-41; proved, 2-9-50;----; N. Y.	9 daughters--	11	11,680	3.4	402
Sire, 803659; dam, 2052311.	9 dams-------	17	12,503	3.4	419
Herd Owner, Leon J. Marlatt, Jasper.	Difference---	(3-5-5)	-823	.0	-17
ERNHOFT HIGHLAND SIR INKA 820313----------	8 daughters--	13	12,575	3.1	395
Born, 3-2-41; proved, 2-2-50; dead; Minn.	6 daughters--	9	12,618	3.2	401
Sire, 753884; dam, 2064338.	6 dams-------	8	12,085	3.3	395
Herd Owner, Lawrence Sherman, Ulen.	Difference---	(4-2-3)	+533	-.1	+6
ESLIE CANARY ROY 865279----------	8 daughters--	9	11,882	3.6	430
Born, 12-4-42; proved, 2-1-50; dead; Wis.	5 daughters--	6	12,256	3.6	439
Sire, 765379; dam, 1815206.	5 dams-------	15	11,692	3.5	410
Herd Owner, John W. Van Liere & Sons, Salem.	Difference---	(2-3-3)	+564	+.1	+29
FARFIELDS ADMIRAL JOHAN PIETERTJE 832793----------	10 daughters-	15	11,314	3.5	397
Born, 10-27-41; proved, 2-3-50;----; Mich.	9 daughters--	14	11,279	3.4	389
Sire, 788078; dam, 1707028.	9 dams-------	22	10,643	3.4	366
Herd Owner, Monroe County Farm, Monroe.	Difference---	(7-3-6)	+636	.0	+23
FARFIELDS TEST PILOT 865193----------	6 daughters--	7	12,474	3.8	474
Born, 1-22-43; proved, 2-3-50;----; Mich.	6 dams-------	20	14,092	3.5	490
Sire, 748393; dam, 1707028.	Difference---	(2-5-3)	-1,618	+.3	-16
Herd Owner, Monroe County Farm, Monroe.					
FORUM INSIGNIA 733721----------	7 daughters--	10	13,446	3.3	440
Born, 7-16-36; proved, 2-28-50;----; Iowa.	5 daughters--	6	12,674	3.2	404
Sire, 647840; dam, 1583282.	5 dams-------	15	12,508	3.4	427
Herd Owner, Glenn J. Boyd, Boone.	Difference---	(3-1-2)	+166	-.2	-23
FOXHOME SIR BESS JUNE MOOIE 848545----------	7 daughters--	7	9,806	3.6	356
Born, 4-25-42; proved, 2-2-50;----; Ill.	5 daughters--	5	8,860	3.7	326
Sire, 758914; dam, 2104975.	5 dams-------	22	11,619	3.5	403
Herd Owner, Lincoln State School & Colony, Lincoln.	Difference---	(1-4-0)	-2,759	+.2	-77
F S H QOBO KORNDYKE FAYNE 875201 *13----------	11 daughters-	17	11,868	4.0	472
Born, 12-13-42; proved, 2-28-50;----; Conn.	11 dams------	47	11,491	3.6	414
Sire, 722276; dam, 1994038.	Difference---	(6-9-8)	+377	+.4	+58
Used in Connecticut A. B. A., Inc.					
GLEN EDEN SIR BESS RETURN 823307----------	11 daughters-	11	8,851	3.8	333
Born, 2-5-41; proved, 2-28-50;----; N. Y.	7 daughters--	7	8,652	3.9	334
Sire, 741553; dam, 1985124.	7 dams-------	16	10,524	3.6	376
Herd Owner, Harry Munsell, New Hartford.	Difference---	(0-6-1)	-1,872	+.3	-42
GLUCK ORMSBY BESS BOY 837769----------	6 daughters--	12	14,093	3.4	475
Born, 12-26-41; proved, 2-10-50; dead; Md.	5 daughters--	11	13,886	3.5	479
Sire, 699443; dam, 2120952.	5 dams-------	14	12,864	3.5	456
Herd Owner, James Alexander, Jr., Massey.	Difference---	(3-2-3)	+1,022	.0	+23
GOVERNOR PEARL FOBES PONTIAC 852260----------	8 daughters--	11	10,075	3.6	364
Born, 11-3-41; proved, 2-1-50;----; Wis.	8 dams-------	16	10,144	3.6	367
Sire, 787503; dam, 1410236.	Difference---	(3-5-4)	-69	.0	-3
Herd Owner, Louis J. Hess, South Milwaukee.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GREENWOOD DEAN JUPITER 866141	5 daughters--	5	11,508	3.6	416
Born, 6-6-42; proved, 2-2-50;----; Pa.	5 dams-------	15	12,624	3.4	428
Sire, 769435; dam, 1080197.	Difference---	(2-5-2)	-1,116	+.2	-12
Herd Owner, Harry L. Cooper, Jamison.					
GREENWOOD DEAN WALKER 866138	9 daughters--	12	10,924	3.6	392
Born, 5-8-42; proved, 2-2-50;----; Pa.	6 daughters--	8	10,371	3.6	372
Sire, 769435; dam, 1897935.	6 dams-------	10	11,453	3.5	403
Herd Owner, Walter B. Scott, Elizabeth.	Difference---	(2-3-3)	-1,082	+.1	-31
HAZEL BUSH DUKE 852331	10 daughters-	17	10,268	3.9	399
Born, 1-26-42; proved, 2-2-50;----; Wis.	8 daughters--	14	9,943	3.9	392
Sire, 714897; dam, 1886477.	8 dams-------	16	9,630	3.6	348
Herd Owner, Nick S. Willems & Son, Barron.	Difference---	(5-7-6)	+313	+.3	+44
HILL-MAN BURKE OLLIE 834462	8 daughters--	10	11,866	3.4	406
Born, 10-9-41; proved, 2-1-50;----; Iowa.	6 daughters--	7	11,592	3.4	400
Sire, 790805; dam, 2022896.	6 dams-------	22	10,234	3.6	363
Herd Owner, Edward Steffens & Sons, West Union.	Difference---	(4-2-4)	+1,358	-.2	+37
HOLWYN ORMSBY SEGIS PONTIAC (TWIN) 803706	12 daughters-	18	13,914	3.5	489
Born, 2-11-40; proved, 2-14-50;----; Ohio.	10 daughters-	16	14,192	3.5	500
Sire, 747117; dam, 1793507.	10 dams------	18	16,997	3.2	536
Herd Owner, P. G. Boerger & Son, Marysville.	Difference---	(1-10-2)	-2,805	+.3	-36
HORNERCREST RUHAMAH MUTUAL 837281	6 daughters--	7	11,388	3.6	406
Born, 11-15-41; proved, 2-14-50;----; N. Y.	5 daughters--	6	11,400	3.6	408
Sire, 724943; dam, 1927664.	5 dams-------	8	9,686	3.4	329
Herd Owner, C. Leslie Mason Estate, Genoa.	Difference---	(4-3-5)	+1,714	+.2	+79
H R W HOMESTEAD PONTIAC TRIUNE 910333	6 daughters--	12	15,665	3.4	539
Born, 8-22-41; proved, 2-28-50;----; Kans.	5 daughters--	9	16,356	3.4	561
Sire, 811491; dam, 2145089.	5 dams-------	12	15,117	3.3	501
Herd Owner, Heersche Brothers, Mulvane.	Difference---	(3-4-3)	+1,239	+.1	+60
IMPERIAL CARNATION DUTCHLAND 874967	5 daughters--	5	12,230	3.6	441
Born, 2-9-43; proved, 2-2-50; dead; Ohio.	5 dams-------	8	13,808	3.6	499
Sire, 792123; dam, 2142025.	Difference---	(1-4-1)	-1,578	.0	-58
Herd Owner, Melvin R. Zimmerly, Bluffton.					
I N D REFORMATORY GOVERNOR JACKIE 834641	5 daughters--	5	12,075	3.4	415
Born, 9-3-41; proved, 2-2-50;----; Ind.	5 dams-------	10	11,683	3.4	398
Sire, 740309; dam, 2138513.	Difference---	(3-3-3)	+392	.0	+17
Herd Owner, Indiana Reformatory, Pendleton.					
INGLENEUK EMPEROR RAG APPLE 853245	12 daughters-	21	13,248	3.3	440
Born, 9-7-41; proved, 2-3-50; dead; Mich.	6 daughters--	9	13,193	3.4	444
Sire, 124590 CHB; dam, 427125 CHB.	6 dams-------	11	12,903	3.4	443
Herd Owner, Don Metta Farms, Corunna.	Difference---	(3-3-3)	+290	.0	+1
INKA ORMSBY MARATHON 836735	11 daughters-	13	11,481	3.3	375
Born, 10-27-40; proved, 2-16-50; dead; N. H.	5 daughters--	6	12,058	3.1	372
Sire, 750275; dam, 2107428.	5 dams-------	12	12,544	3.4	422
Herd Owner, Sullivan County Home, Claremont.	Difference---	(2-1-2)	-486	-.3	-50
IOWANA OLLIE TRITOMIA PRINCE 790806	8 daughters--	15	14,049	3.4	483
Born, 8-7-39; proved, 2-28-50;----; Iowa.	6 daughters--	11	13,572	3.4	467
Sire, 559527; dam, 1888644.	6 dams-------	16	13,889	3.2	446
Herd Owner, F. W. Stewart, Marion.	Difference---	(2-6-4)	-317	+.2	+21
KING BESSIE ORMSBY SUSIE 665132 *7	70 daughters-	236	11,528	3.4	396
Born, 5-18-32; proved, 2-6-50;----; Ill.	53 daughters-	185	11,550	3.4	398
Sire, 520107; dam, 818077.	53 dams------	315	11,224	3.3	371
Herd Owner, Alton State Hospital, Alton.	Difference---	(31-43-34)	+326	+.1	+27
KING BESSIE SENATOR FOBES SEGIS 4TH 838794 *(Mar. 1949)	11 daughters-	17	10,677	3.6	381
Born, 8-15-41; proved, 2-28-50;----; Wis.	9 daughters--	15	10,657	3.6	381
Sire, 796737; dam, 1503488.	9 dams-------	40	9,818	3.7	363
Herd Owner, John F. Wegge & Sons, Burlington.	Difference---	(7-4-8)	+839	-.1	+18
KING FAYNE ECHO 838090	7 daughters--	13	11,596	3.8	440
Born, 8-15-41; proved, 2-28-50;----; N. Y.	5 daughters--	9	12,389	3.8	471
Sire, 774496; dam, 1986586.	5 dams-------	13	13,579	3.5	474
Herd Owner, I. U. Scott & Sons, Hamilton.	Difference---	(2-5-2)	-1,190	+.3	-3
KING KORNDYKE SEGIS GEORGE 833187	8 daughters--	12	10,683	3.4	362
Born, 8-11-41; proved, 2-1-50;----; N. Y.	7 daughters--	10	10,598	3.4	361
Sire, 788798; dam, 2085639.	7 dams-------	17	10,138	3.6	367
Herd Owner, Ralph S. Oliver & Sons, Delhi.	Difference---	(5-3-3)	+460	-.2	-6
KING ORMSBY LUCY FOBES 761374 *13	38 daughters-	66	10,661	3.4	365
Born, 5-7-37; proved, 2-3-50;----; Ill.	30 daughters-	51	11,001	3.4	376
Sire, 580575; dam, 1589682.	30 dams------	110	10,685	3.4	359
Herd Owner, Peoria State Hospital, Peoria.	Difference---	(16-22-19)	+316	.0	+17

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KING ORMSBY OF HARK 820988 *(Mar. 1949)----------	26 daughters-	49	10,175	3.8	383
Born, 3-1-40; proved, 2-28-50;----; Ill.	22 daughters-	43	9,867	3.8	371
Sire, 741516; dam, 1929735.	22 dams------	73	12,001	3.4	412
Herd Owner, Illinois State Penitentiary, Pontiac.	Difference---	(5-20-8)	-2,134	+.4	-41
LAKEFIELD K B FOBES 783069----------	10 daughters-	18	10,654	3.6	388
Born, 7-19-39; proved, 2-28-50;----; Mich.	5 daughters--	7	9,841	3.7	366
Sire, 711324; dam, 1874710.	5 dams-------	13	11,430	3.6	411
Herd Owner, Pierre R. Palpant, Clayton.	Difference---	(2-3-2)	-1,589	+.1	-45
LAUXMONT SAFEMASTER ROSEATE 834604----------	10 daughters-	17	10,817	3.7	398
Born, 9-24-41; proved, 2-14-50;----; Pa.	6 daughters--	10	10,194	3.7	379
Sire, 751642; dam, 1980819.	6 dams-------	17	11,781	3.8	447
Herd Owner, Penn Hall Farm, Chambersburg.	Difference---	(2-3-1)	-1,587	-.1	-68
LENHAHA ALCARTRA ORMSBY PIETERTJE 683503 *5----------	41 daughters-	115	11,153	3.6	406
Born, 6-7-33; proved, 2-13-50; dead; Iowa.	37 daughters-	99	11,168	3.7	409
Sire, 481346; dam, 650982.	37 dams------	174	12,988	3.5	453
Herd Owner, Forest F. Hamlett, Lamont.	Difference---	(6-32-8)	-1,820	+.2	-44
LENHAHA DEAN ORMSBY PERFECTION 820671 *(Sept. 1949)--------	12 daughters-	18	12,907	3.3	428
Born, 3-17-40; proved, 2-16-50;----; Iowa.	9 daughters--	13	13,278	3.3	438
Sire, 541114; dam, 1621384.	9 dams-------	22	11,368	3.6	408
Herd Owner, Emil Zurcher & Son, Farmersburg.	Difference---	(6-1-5)	+1,910	-.3	+30
MAN-O-WAR DEFENDER 654603 *5----------	19 daughters-	70	12,289	3.2	396
Born, 1-14-31; proved, 2-2-50; dead; Wis.	17 daughters-	58	12,013	3.2	387
Sire, 434047; dam, 1154371.	17 dams------	75	12,026	3.5	415
Herd Owner, Harry Dix, Menomonie.	Difference---	(7-2-5)	-13	-.3	-28
MARION ORMSBY WARFORD WALK 862608----------	5 daughters--	6	12,155	3.7	447
Born, 9-7-42; proved, 2-1-50; dead; Ill.	5 dams-------	26	11,556	3.5	402
Sire, 697174; dam, 1878042.	Difference---	(2-3-3)	+599	+.2	+45
Herd Owner, Joseph Meyer, Bartelso.					
MATADOR DE KOL DE LUXE 820661----------	13 daughters-	17	15,149	3.3	496
Born, 2-16-41; proved, 2-1-50; dead; Minn.	6 daughters--	8	14,132	3.4	475
Sire, 752584; dam, 1920784.	6 dams-------	15	13,798	3.3	457
Used in Land O'Lakes Creameries, Inc., (A. B. A.).	Difference---	(3-5-3)	+334	+.1	+18
MATADOR HIGHPATH TRIUNE ORMSBY 866917----------	7 daughters--	10	11,076	3.8	420
Born, 10-2-42; proved, 2-2-50; dead; Minn.	6 daughters--	8	10,648	3.8	407
Sire, 827854; dam, 2219220.	6 dams-------	14	13,232	3.4	446
Herd Owner, Raymond Aspengren, Eagle Bend.	Difference---	(3-6-3)	-2,584	+.4	-39
MCDONOGH GOLD PLATE 868479 *(July 1949)----------	17 daughters-	20	13,119	3.6	475
Born, 11-11-42; proved, 2-1-50; alive; Md.	14 daughters-	16	12,939	3.6	469
Sire, 788616; dam, 1840331.	14 dams------	36	9,409	3.5	334
Herd Owner, R. H. Richardson, Westminster.	Difference---	(13-9-13)	+3,530	+.1	+135
MEISEGEIER FOBES BEAUTY 868807----------	6 daughters--	7	11,890	3.7	435
Born, 1-5-43; proved, 2-28-50;----; Wis.	6 dams-------	10	12,875	3.4	444
Sire, 814096; dam, 2197776.	Difference---	(1-5-3)	-985	+.3	-9
Herd Owner, Paul Meisegeier, Barron.					
MILSONS SIR BESS BESSIE 866761----------	7 daughters--	7	11,419	3.2	369
Born, 4-24-42; proved, 2-28-50;----; Mich.	6 daughters--	6	11,507	3.2	366
Sire, 791118; dam, 1944511.	6 dams-------	10	12,657	3.2	404
Herd Owner, Howard Foster, Fairgrove.	Difference---	(2-2-3)	-1,150	.0	-38
MONTVIC BONHEUR PRINCE 2D 758461 *11----------	14 daughters-	33	13,135	3.3	440
Born, 5-1-38; proved, 2-9-50; dead; Ill.	10 daughters-	21	13,191	3.3	437
Sire, 756713; dam, 1885017.	10 dams------	35	12,659	3.4	431
Herd Owner, Robert W. Gardner, Solon Mills.	Difference---	(6-5-6)	+532	-.1	+6
MONTVIC PATHFINDER GOVERNOR 836710----------	10 daughters-	14	11,150	3.6	400
Born, 12-23-41; proved, 2-16-50;----; N. Y.	6 daughters--	8	11,531	3.5	404
Sire, 776307; dam, 1892411.	6 dams-------	8	10,751	3.8	406
Herd Owner, Frank L. Ronas, Philadelphia.	Difference---	(4-2-4)	+780	-.3	-2
MONTVIC PATHFINDER PONTIAC 791078----------	11 daughters-	24	11,329	3.5	392
Born, 4-14-40; proved, 2-28-50;----; N. Y.	6 daughters--	12	10,161	3.5	355
Sire, 776307; dam, 1390555.	6 dams-------	9	8,671	3.2	282
Herd Owner, Handley & Bela Jackson, Boonville.	Difference---	(4-5-5)	+1,490	+.3	+73
MONTVIC PATHFINDER PROGRESSOR 837590----------	8 daughters--	8	11,204	3.4	377
Born, 1-5-42; proved, 2-28-50;----; N. Y.	5 daughters--	5	11,083	3.4	374
Sire, 776307; dam, 1775826.	5 dams-------	25	12,208	3.3	402
Herd Owner, H. R. Wait Co., Auburn.	Difference---	(1-4-2)	-1,125	+.1	-28
MOOSEHEART KING ADMIRAL CRESCENT 813256 *13----------	16 daughters-	23	11,687	3.5	414
Born, 10-19-40; proved, 2-6-50; dead; Ill.	14 daughters-	20	11,553	3.5	409
Sire, 784388; dam, 2023959.	14 dams------	45	13,156	3.5	456
Herd Owner, Mooseheart Farm, Mooseheart.	Difference---	(5-10-4)	-1,603	.0	-47

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
N J E S ORMSBY DANUBE LANTZ 867523----------	8 daughters--	11	12,786	3.6	464
Born, 9-11-42; proved, 2-14-50;----; Vt.	8 dams-------	33	12,048	3.6	433
Sire, 738851; dam, 1753860.	Difference---	(5-6-4)	+738	.0	+31
Used in Cooperative A. B. A. #1, Inc., N. J.					
OAKDALE FOBES MERCEDES DICTATOR 791424 *12----------	11 daughters-	29	12,941	3.5	453
Born, 8-23-39; proved, 2-3-50;----; Iowa.	10 daughters-	27	12,937	3.5	453
Sire, 692526; dam, 1323731.	10 dams------	34	10,547	3.7	387
Used in Eastern Iowa A. B. A., Inc.	Difference---	(8-3-8)	+2,390	-.2	+66
OAKLAWN DEAN BLOOMFIELD 859074----------	23 daughters-	27	11,058	3.3	361
Born, 9-13-42; proved, 2-28-50;----; Ky.	10 daughters-	14	12,145	3.4	417
Sire, 836260; dam, 2137370.	10 dams------	15	11,606	3.4	395
Used in Kentucky A. B. A.	Difference---	(5-5-6)	+539	.0	+22
OOSTIE FEMCO ALMAS BUTTER KING 887332----------	7 daughters--	9	13,696	3.6	489
Born, 2-2-43; proved, 2-3-50;----; Minn.	7 dams-------	13	12,211	3.8	463
Sire, 790424; dam, 1941764.	Difference---	(4-3-3)	+1,485	-.2	+26
Herd Owner, Art & Howard Schmidt, Luverne.					
OOSTIE INKARNATION DE KOL 733130 *7----------	28 daughters-	64	10,486	3.3	344
Born, 4-24-36; proved, 2-7-50;----; Wis.	15 daughters-	42	9,963	3.3	330
Sire, 562189; dam, 1238470.	15 dams------	17	9,751	3.3	326
Herd Owner, Mrs. Eleanor E. Ryder, Juneau.	Difference---	(7-8-7)	+212	.0	+4
OOSTIE PAYMASTER 17TH 746542 *8----------	42 daughters-	98	11,244	3.5	393
Born, 1-7-37; proved, 2-2-50;----; Wis.	41 daughters-	97	11,259	3.5	394
Sire, 685009; dam, 1587283.	41 dams------	233	11,292	3.5	394
Herd Owner, Frank Trumpy, Clarno.	Difference---	(18-22-20)	-33	.0	0
ORMSBY BURKE PIEBE HARTOG 887083----------	6 daughters--	7	11,447	3.5	396
Born, 2-28-43; proved, 2-2-50;----; Pa.	5 daughters--	6	12,077	3.5	418
Sire, 818459; dam, 2239807.	5 dams-------	17	10,334	3.5	359
Herd Owner, Vance Brackbill, Mechanicsburg.	Difference---	(5-2-4)	+1,743	.0	+59
ORMSBY FOBES CREAMELLE INKA 829180 *12----------	15 daughters-	25	12,410	3.6	446
Born, 4-28-41; proved, 2-14-50;----; Ill.	11 daughters-	21	12,709	3.6	454
Sire, 757051; dam, 1838782.	11 dams------	37	11,289	3.6	404
Herd Owner, Milo A. Miller & Son, Pekin.	Difference---	(8-7-9)	+1,420	.0	+50
ORMSBY OLLIE DIRECT 711712 *8----------	17 daughters-	37	13,321	3.8	503
Born, 5-16-35; proved, 2-14-50;----; Wis.	14 daughters-	33	12,860	3.8	489
Sire, 553013; dam, 1383819.	14 dams------	46	11,752	3.6	421
Herd Owner, Wisconsin State School for Deaf, Delavan.	Difference---	(11-8-10)	+1,108	+.2	+68
OSBORNDALE PRINCE HILDA ORMSBY 824427----------	17 daughters-	27	10,764	3.6	391
Born, 11-12-40; proved, 2-28-50;----; Pa.	6 daughters--	9	11,372	3.6	412
Sire, 676023; dam, 1637821.	6 dams-------	9	11,040	3.6	394
Herd Owner, Thomas J. & Ann B. Wood, Mansfield.	Difference---	(3-4-3)	+332	.0	+18
OSBORNDALE PRINCE ORMSBY RAG APPLE 837613----------	8 daughters--	10	8,969	3.6	322
Born, 7-21-41; proved, 2-8-50;----; Pa.	7 daughters--	8	8,863	3.6	318
Sire, 786366; dam, 1598147.	7 dams-------	11	11,668	3.2	368
Herd Owner, Coccodrilli Brothers, Lake Ariel.	Difference---	(2-6-2)	-2,805	+.4	-50
OSBORNDALE SIR JOHANNA RAG APPLE 722342 *11----------	33 daughters-	63	12,026	3.6	435
Born, 5-23-35; proved, 2-9-50;----; Ill.	26 daughters-	47	12,336	3.6	443
Sire, 95679 CHB; dam, 1798066.	26 dams------	85	12,776	3.5	451
Used in Northern Illinois Co-op. A. B. A.	Difference---	(9-16-13)	-440	+.1	-8
PABST BARTA PRILLY WAYNE 5TH 866539----------	10 daughters-	13	13,403	3.7	489
Born, 1-11-43; proved, 2-1-50;----; Minn.	7 daughters--	10	13,994	3.5	492
Sire, 823785; dam, 2196390.	7 dams-------	17	12,428	3.5	433
Herd Owner, Gorden Hedner, Farwell.	Difference---	(5-4-5)	+1,566	.0	+59
PABST ROAMER BARBEL (TWIN) 908810----------	6 daughters--	6	12,062	3.9	475
Born, 7-9-44; proved, 2-10-50; alive; Ill.	6 dams-------	19	10,876	3.5	379
Sire, 859213; dam, 2181828.	Difference---	(5-6-6)	+1,186	+.4	+96
Used in Dane-Iowa Co-op. A. B. A., Wis.					
PABST SIR CASCADER GLOW 704735 *8----------	15 daughters-	29	9,744	3.5	342
Born, 8-16-34; proved, 2-3-50;----; Wis.	11 daughters-	20	9,063	3.5	316
Sire, 561783; dam, 1458629.	11 dams------	30	10,393	3.5	359
Herd Owner, Anton A. Hendon, Viroqua.	Difference---	(1-7-1)	-1,330	.0	-43
PEACHBLOW JOHANNA LAD 824079----------	6 daughters--	6	11,439	3.4	386
Born, 4-12-41; proved, 2-28-50;----; N. H.	5 daughters--	5	10,945	3.3	366
Sire, 717963; dam, 1580615.	5 dams-------	16	13,960	3.6	502
Herd Owner, Theodore J. Frizzell, Charlestown.	Difference---	(0-1-0)	-3,015	-.3	-136
PEBBLE BEACH VIKING KIT 867689----------	5 daughters--	9	14,388	3.5	510
Born, 10-17-42; proved, 2-8-50;----; N. Y.	5 dams-------	7	12,075	3.7	448
Sire, 808724; dam, 1585533.	Difference---	(4-1-4)	+2,313	-.2	+62
Herd Owner, Chester Miller, Berne.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
PEVELY CREATOR JOHANNA ORMSBY 670786 *4----------	31 daughters-	70	10,915	3.7	404
Born, 2-26-33; proved, 2-14-50;----; Ill.	23 daughters-	57	11,166	3.7	416
Sire, 540931; dam, 1340948.	23 dams------	52	12,481	3.5	441
Herd Owner, Ernest L. Worner, Washington.	Difference---	(8-18-11)	-1,315	+.2	-25
PIEBE BEETS COLANTHA WALKER 852252----------	6 daughters--	8	7,619	4.0	306
Born, 12-14-40; proved, 2-3-50;----; Minn.	6 dams-------	14	8,689	3.8	333
Sire, 724759; dam, 2111251.	Difference---	(2-5-2)	-1,070	+.2	-27
Herd Owner, Walter Quast, Hutchinson.					
PIPESTONE LADDIE ORMSBY PRIDE 836724----------	13 daughters-	20	14,470	3.5	509
Born, 6-14-41; proved, 2-28-50;----; Minn.	5 daughters--	7	15,359	3.6	555
Sire, 749946; dam, 1975173.	5 dams-------	5	14,407	3.4	484
Herd Owner, D. N. Kilby, Pipestone.	Difference---	(3-4-5)	+952	+.2	+71
POLK DE KOL CREAMELLE 860819 *(July 1949)----------	19 daughters-	20	13,504	3.8	516
Born, 10-26-42; proved, 2-6-50;----; Pa.	19 dams------	54	14,217	3.6	511
Sire, 734510; dam, 1927209.	Difference---	(7-19-8)	-713	+.2	+5
Herd Owner, Rosell Leete & Son, Coudersport.					
POLK JANNEK SEGIS 850622----------	9 daughters--	10	12,424	3.2	399
Born, 11-24-41; proved, 2-2-50;----; Pa.	9 dams-------	39	11,636	3.3	382
Sire, 734510; dam, 1927227.	Difference---	(6-5-7)	+788	-.1	+17
Herd Owner, State Colony, Selinsgrove.					
PRILLY BESSIE SEGIS 719432 *10----------	34 daughters-	71	13,083	3.4	450
Born, 10-25-35; proved, 2-14-50; dead; N. Y.	27 daughters-	54	13,245	3.4	455
Sire, 688256; dam, 1697995.	27 dams------	100	12,225	3.5	425
Herd Owner, Wooster Fruit & Dairy Farms, Inc., Union Hill.	Difference---	(18-13-19)	+1,020	-.1	+30
PRINCE FOBES FAYNE DE KOL 724681 *8----------	20 daughters-	48	12,025	3.8	457
Born, 5-30-36; proved, 2-13-50; dead; Ill.	20 dams------	99	12,518	3.6	454
Sire, 654993; dam, 1536082.	Difference---	(9-15-11)	-493	+.2	+3
Herd Owner, William C. Wittmus & Son, Harvard.					
PRINCE MONCADER DELL HEILO 752797 *12----------	56 daughters-	126	12,194	3.5	425
Born, 12-4-37; proved, 2-14-50; dead; Wis.	52 daughters-	121	12,318	3.5	429
Sire, 715466; dam, 1735717.	52 dams------	231	10,925	3.5	378
Used in Dane-Iowa Co-op. A. B. A.	Difference---	(35-34-39)	+1,393	.0	+51
PRINCE ORMSBY FOBES FAYNE 733912 *8----------	44 daughters-	115	10,619	3.6	380
Born, 10-1-36; proved, 2-28-50;----; Ill.	37 daughters-	92	10,330	3.6	370
Sire, 654993; dam, 1729998.	37 dams------	143	10,803	3.5	378
Herd Owner, Wilbur J. Swayer, Guernee.	Difference---	(12-25-14)	-473	+.1	-8
RAVENGLEN SENATOR BESS ORMSBY 837075----------	13 daughters-	14	12,464	3.6	452
Born, 11-30-41; proved, 2-10-50;----; Wis.	5 daughters--	6	12,175	3.6	436
Sire, 741205; dam, 1846162.	5 dams-------	8	12,310	3.8	465
Herd Owner, Robert Stroebel, Fort Atkinson.	Difference---	(3-2-1)	-135	-.2	-29
RAWLEIGH IOWANA BUTTERCUP 769253 *13----------	11 daughters-	33	13,748	3.4	466
Born, 1-18-39; proved, 2-3-50;----; Ill.	7 daughters--	21	13,598	3.5	468
Sire, 656024; dam, 1326510.	7 dams-------	26	11,341	3.5	399
Herd Owner, Peoria State Hospital, Peoria.	Difference---	(7-3-5)	+2,257	.0	+69
RAWLEIGH OAK HOMSTAFA BESS 718878 *7----------	33 daughters-	77	12,237	3.4	411
Born, 1-20-36; proved, 2-28-50;----; Ill.	26 daughters-	55	12,614	3.3	421
Sire, 656024; dam, 956054.	26 dams------	127	11,481	3.4	393
Herd Owner, Illinois State Penitentiary, Pontiac.	Difference---	(17-10-17)	+1,133	-.1	+28
ROSECHEN AUTOCRAT 913432 *(July 1949)----------	26 daughters-	26	12,870	3.9	499
Born, 9-17-43; proved, 2-28-50; dead; Pa.	25 daughters-	25	12,962	3.9	502
Sire, 741318; dam, 2144808.	25 dams------	84	11,235	3.6	403
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(19-18-22)	+1,727	+.3	+99
ROYAL DIRECT PONTIAC 791344----------	7 daughters--	10	10,328	3.4	348
Born, 3-15-40; proved, 2-28-50;----; Maine.	5 daughters--	7	10,210	3.4	343
Sire, 598396; dam, 1843607.	5 dams-------	17	11,180	3.4	377
Herd Owner, Western Maine Sanatorium, Greenwood Mountain.	Difference---	(1-4-1)	-970	.0	-34
ROYCROFT KING BESSIE PIEBE OLLIE 837880----------	10 daughters-	10	10,398	3.6	372
Born, 12-12-40; proved, 2-28-50;----; Mich.	5 daughters--	5	9,765	3.7	364
Sire, 695523; dam, 1626617.	5 dams-------	5	11,255	3.6	405
Herd Owner, Emil Pelto, Baraga.	Difference---	(1-4-1)	-1,490	+.1	-41
SCHUTZHOLM ORMSBY KING 819533----------	6 daughters--	6	12,286	3.4	417
Born, 10-15-39; proved, 2-1-50;----; Wis.	5 daughters--	5	12,060	3.4	409
Sire, 774601; dam, 2119183.	5 dams-------	9	12,814	3.2	412
Herd Owner, Thomas D. Smith, Boyceville.	Difference---	(2-5-3)	-754	+.2	-3
SINNISSIPPI SIR BESS CREAMELLE 667124 *6----------	21 daughters-	48	11,969	3.5	419
Born, 11-23-32; proved, 2-28-50;----; Ill.	15 daughters-	36	12,102	3.4	417
Sire, 583208; dam, 1438459.	15 dams------	47	11,262	3.4	383
Herd Owner, Homer Curtiss, Stockton.	Difference---	(10-10-12)	+840	.0	+34

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR BESS ORMSBY PRIDE PIETERTJE 905929----------	7 daughters--	7	11,881	3.4	399
Born, 12-26-43; proved, 2-14-50;----; Minn.	6 daughters--	6	12,240	3.3	409
Sire, 852903; dam, 1946177.	6 dams-------	13	11,119	3.4	374
Herd Owner, Filk Stock Farm, Biscay.	Difference---	(4-4-5)	+1,121	-.1	+35
SIR DICTATOR ORMSBY POSCH 784297 *12----------	20 daughters-	32	13,723	3.5	486
Born, 9-4-39; proved, 2-3-50; dead; Ill.	20 dams------	78	12,058	3.6	436
Sire, 662443; dam, 1644412.	Difference---	(13-10-13)	+1,665	-.1	+50
Herd Owner, Pondgate Farm, Dundee.					
SIR-DOUG NINE-O-FIVE BURKE GER COL STAR 893638----------	7 daughters--	8	10,977	3.7	401
Born, 6-29-43; proved, 2-28-50;----; Conn.	5 daughters--	6	10,967	3.6	398
Sire, 660575; dam, 2115378.	5 dams-------	19	12,061	3.5	419
Used in Connecticut A. B. A., Inc.	Difference---	(0-4-3)	-1,094	+.1	-21
SIR KERK COLANTHA SEGIS 832754----------	10 daughters-	12	10,966	3.7	404
Born, 10-7-41; proved, 2-2-50;----; N. Y.	8 daughters--	10	11,311	3.7	424
Sire, 689660; dam, 1810123.	8 dams-------	10	12,099	3.5	424
Herd Owner, Cabot Hint, Basom.	Difference---	(3-6-4)	-788	+.2	0
SIR ORMSBY MILO POSCH 779705----------	9 daughters--	21	10,190	3.6	365
Born, 12-18-38; proved, 2-7-50;----; Ill.	6 daughters--	15	10,685	3.5	373
Sire, 675653; dam, 1869069.	6 dams-------	16	11,725	3.5	410
Herd Owner, Anna State Hospital, Anna.	Difference---	(3-3-2)	-1,040	.0	-37
SIR PIETERTJE ORMSBY LADY 764465 *(July 1949)----------	12 daughters-	25	11,680	4.0	466
Born, 10-22-38; proved, 2-13-50; dead; Ill.	9 daughters--	19	11,469	3.9	452
Sire, 745302; dam, 1923658.	9 dams-------	13	12,127	3.6	441
Herd Owner, Illinois State Penitentiary, Joliet.	Difference---	(5-7-6)	-658	+.3	+11
SIR TAYLAKER ORMSBY GETTIE 19TH 843870----------	7 daughters--	11	15,894	3.5	562
Born, 11-6-41; proved, 2-16-50; alive; Calif.	7 dams-------	35	16,226	3.4	558
Sire, 686679; dam, 1745635.	Difference---	(2-4-4)	-332	+.1	+4
Herd Owner, Mrs. J. W. Taylor, Visalia.					
SIR TRITOMIA TRANSMITTER 886174 *(May 1949)----------	18 daughters-	22	12,812	3.6	465
Born, 1-18-43; proved, 2-28-50;----; Iowa.	12 daughters-	14	12,410	3.6	449
Sire, 754520; dam, 1729747.	12 dams------	33	12,376	3.6	444
Herd Owner, Rockcrest Farms, Elkader.	Difference---	(6-8-8)	+34	.0	+5
S P S M DON SEGIS OTHELLO FOBES 792017----------	12 daughters-	17	12,807	3.3	423
Born, 11-21-39; proved, 2-28-50;----; Mich.	8 daughters--	12	12,416	3.3	407
Sire, 752119; dam, 1892944.	8 dams-------	17	12,557	3.5	438
Herd Owner, John J. McDonald, Grand Blanc.	Difference---	(2-1-2)	-141	-.2	-31
STATE HOME JEWEL ORMSBY DUKE 830474----------	5 daughters--	12	10,242	3.6	366
Born, 3-18-41; proved, 2-1-50; dead; N. J.	5 dams-------	21	11,179	3.3	368
Sire, 792098; dam, 1925497.	Difference---	(1-5-3)	-937	+.3	-2
Herd Owner, State Home for Boys, Jamesburg.					
STRATTON INKA JEWEL (TWIN) 820002----------	7 daughters--	7	13,168	3.5	462
Born, 9-6-40; proved, 2-1-50; dead; Colo.	7 dams-------	26	11,319	3.5	396
Sire, 729200; dam, 1885457.	Difference---	(6-4-6)	+1,849	.0	+66
Herd Owner, Charles Plsek, Grand Junction.					
U-MO MAN-O-WAR ACE 837287----------	9 daughters--	15	12,983	3.9	512
Born, 2-15-41; proved, 2-28-50;----; Mo.	8 daughters--	14	13,074	4.0	517
Sire, 639850; dam, 1876318.	8 dams-------	52	12,450	3.6	454
Herd Owner, Missouri School for Deaf, Fulton.	Difference---	(4-7-6)	+624	+.4	+63
VAN HORNE COLANTHA BLEND 792749----------	16 daughters-	23	9,902	3.4	341
Born, 1-6-40; proved, 2-28-50;----; N. Y.	6 daughters--	7	8,828	3.5	310
Sire, 723045; dam, 1535680.	6 dams-------	7	11,014	3.7	411
Herd Owner, Van Horne Farms, Inc., Van Hornesville.	Difference---	(1-1-1)	-2,186	-.2	-101
VENTNOR BUTTER BOY FOBES ORMSBY 864998----------	9 daughters--	9	12,622	3.5	444
Born, 1-31-43; proved, 2-1-50; dead; Ill.	6 daughters--	6	12,814	3.6	458
Sire, 771132; dam, 2078603.	6 dams-------	9	11,229	3.5	389
Herd Owner, Benjamin Winn & Turner, Richmond.	Difference---	(6-4-6)	+1,585	+.1	+69
VICLANE FOBES BONHEUR JACK 850580----------	9 daughters--	13	10,764	3.5	381
Born, 4-28-42; proved, 2-2-50; dead; Wis.	9 dams-------	30	10,241	3.3	342
Sire, 778064; dam, 2122413.	Difference---	(6-8-8)	+523	+.2	+39
Herd Owner, Melvin Lutzke, Kiel.					
WARNER BROOK PIEBE CHIEFTAIN 836118----------	5 daughters--	6	11,624	3.9	455
Born, 5-17-41; proved, 2-28-50;----; Va.	5 dams-------	11	12,586	3.6	458
Sire, 746720; dam, 2071033.	Difference---	(2-4-2)	-962	+.3	-3
Herd Owner, C. M. Warner, Purcellville.					
WAYSIDE PRILLY MADRIGAL 791943----------	8 daughters--	10	14,045	3.8	527
Born, 4-4-39; proved, 2-28-50;----; Calif.	5 daughters--	6	14,529	3.9	567
Sire, 725573; dam, 2101560.	5 dams-------	16	11,223	3.8	428
Herd Owner, E. J. Borges, Oakdale.	Difference---	(4-4-4)	+3,306	+.1	+139

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WEBER BURKE HAZELWOODER 866497----------	9 daughters--	9	13,216	3.8	496
Born, 1-30-41; proved, 2-3-50;----; Colo.	7 daughters--	7	13,322	3.7	495
Sire, 697789; dam, 1704113.	7 dams-------	15	13,311	3.6	481
Herd Owner, C. W. Henry, Greeley.	Difference---	(3-5-5)	+11	+.1	+14
WEBER WYO BURKE INTENSE 900519----------	11 daughters-	11	15,859	3.6	572
Born, 10-30-43; proved, 2-9-50; alive; Calif.	11 dams------	38	13,977	3.4	479
Sire, 786076; dam, 2286305.	Difference---	(9-10-10)	+1,882	+.2	+93
Herd Owner, Allen Johnson, Turlock.					
WEDGE LANE POSCH FOBES 833435----------	11 daughters-	16	15,560	3.3	516
Born, 10-21-41; proved, 2-28-50;----; Minn.	5 daughters--	6	15,712	3.3	526
Sire, 766654; dam, 1806388.	5 dams-------	13	15,496	3.2	502
Herd Owner, V. O. Teigen, Jackson.	Difference---	(2-5-3)	+216	+.1	+24
WHITES PRIDE PABST DICTATOR 835543----------	12 daughters-	22	12,387	3.4	427
Born, 12-14-40; proved, 2-7-50;----; Kans.	5 daughters--	9	12,250	3.5	429
Sire, 751517; dam, 1908013.	5 dams-------	9	11,326	3.5	398
Herd Owner, White Farms, Topeka.	Difference---	(3-3-4)	+924	.0	+31
WINEBROOK BARTA EX CELIA FOBES 925549----------	5 daughters--	5	14,102	3.7	527
Born, 11-5-44; proved, 2-28-50;----; Minn.	5 dams-------	16	12,439	3.3	417
Sire, 824340; dam, 2386413.	Difference---	(4-5-4)	+1,663	+.4	+110
Herd Owner, Hugo Johnson & Sons, Glenville.					
WINTERTHUR STAR PILOT WONDERBOY 835912----------	8 daughters--	11	12,331	3.4	417
Born, 7-1-41; proved, 2-6-50;----; N. Y.	5 daughters--	6	12,141	3.4	409
Sire, 742081; dam, 1870752.	5 dams-------	12	12,677	3.7	472
Herd Owner, John Phillips, Red Creek.	Difference---	(2-0-1)	-536	-.3	-63
WIS BARON ORMSBY ARISTOCRAT 836028----------	7 daughters--	9	10,549	3.3	351
Born, 12-11-41; proved, 2-27-50;----; Wis.	5 daughters--	7	10,657	3.3	351
Sire, 702922; dam, 1995559.	5 dams-------	10	10,958	3.2	353
Herd Owner, Victor Derenne, Casco.	Difference---	(2-4-2)	-301	+.1	-2
WIS KING BURKE 867793----------	7 daughters--	8	12,133	3.5	428
Born, 1-1-43; proved, 2-28-50;----; Wis.	6 daughters--	6	11,722	3.6	424
Sire, 819476; dam, 2182989.	6 dams-------	19	10,676	3.4	362
Herd Owner, Albert Johannes, Jr., Two Rivers.	Difference---	(4-6-4)	+1,046	+.2	+62
WOODDELL BESS SIR CORNUCOPIA LAD 770843 *13----------	42 daughters-	83	11,962	3.5	414
Born, 5-11-38; proved, 2-6-50;----; Ill.	37 daughters-	74	11,858	3.5	410
Sire, 680873; dam, 1424634.	37 dams------	205	12,389	3.4	423
Herd Owner, Alton State Hospital, Alton.	Difference---	(14-25-15)	-531	+.1	-13
ZURBRIGGEN JOE LYONS 790633----------	7 daughters--	10	10,951	3.4	367
Born, 10-10-39; proved, 2-28-50;----; Ill.	5 daughters--	8	10,787	3.4	363
Sire, 740848; dam, 1903537.	5 dams-------	13	11,689	3.3	382
Herd Owner, Floyd Parriott, Scioto Mills.	Difference---	(1-4-1)	-902	+.1	-19
35*HZ29786 (BANGS OR TB EARTAG)----------	7 daughters--	16	9,910	3.3	324
Born, ----; proved, 2-1-50;----; Wis.	5 daughters--	10	10,407	3.3	342
Sire, ----; dam, ----.	5 dams-------	17	8,532	3.2	270
Herd Owner, Lester Haugstad, Melrose.	Difference---	(3-4-5)	+1,875	+.1	+72

JERSEY SIRES

AIM'S STYLISH DESIGN 437450----------	5 daughters--	8	4,403	5.2	230
Born, 7-17-41; proved, 2-8-50; dead; W. Va.	5 dams-------	19	7,295	4.9	359
Sire, 412518; dam, 1113365.	Difference---	(0-4-0)	-2,892	+.3	-129
Herd Owner, St. Clair Dairy Farm, Buckhannon.					
ARMISTICE OF TWIN PINES 474056----------	5 daughters--	5	8,337	5.2	431
Born, 11-11-44; proved, 2-3-50; alive; Md.	5 dams-------	18	7,918	5.2	415
Sire, 441313; dam, 1125148.	Difference---	(4-2-4)	+419	.0	+16
Herd Owner, Carl W. Feucht & Son, Elkton.					
BEAU HELEN RUSTY 448498----------	15 daughters-	17	9,704	5.0	486
Born, 4-22-42; proved, 1-19-50;----; Conn.	11 daughters-	13	10,051	4.9	490
Sire, 361089; dam, 1201608.	11 dams------	27	10,746	4.9	528
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference---	(4-6-5)	-695	.0	-38
BLONDE LADDIE PRINCE 438263----------	11 daughters-	14	7,932	5.7	450
Born, 1-16-42; proved, 2-8-50;----; Iowa.	6 daughters--	7	7,986	5.6	447
Sire, 354588; dam, 1124025.	6 dams-------	15	8,547	5.5	472
Herd Owner, Gladstone E. Smith, Whitten.	Difference---	(2-4-2)	-561	+.1	-25
BONSALINE PROGRESS OWL 443742----------	6 daughters--	9	7,605	5.3	404
Born, 9-27-41; proved, 2-10-50;----; Va.	6 dams-------	22	7,405	5.4	399
Sire, 353305; dam, 1151920.	Difference---	(3-2-2)	+200	-.1	+5
Herd Owner, J. F. Yager & Son, Somerset.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BOWLINA PIONEER O'KOLA TEPEE 429903----------	10 daughters-	14	8,239	5.4	443
Born, 4-23-41; proved, 2-13-50;----; Wash.	10 dams------	30	8,806	5.5	483
Sire, 293393; dam, 1188392.	Difference---	(3-5-2)	-567	-.1	-40
Herd Owner, Marion H. Omstead & Son, Ellensburg.					
BRAMPTON BOWLINA PINN 423959----------	7 daughters--	9	7,852	5.0	392
Born, 10-20-40; proved, 2-10-50;----; Iowa.	7 dams-------	20	7,647	5.0	386
Sire, 100201 CJCC; dam, 88743 CJCC.	Difference---	(4-3-4)	+205	.0	+6
Herd Owner, Witwer West Farms, Atkins.					
BRAVO DON QUIXOTE 431470----------	8 daughters--	16	6,771	5.1	343
Born, 3-9-41; proved, 2-28-50;----; Md.	8 dams-------	26	7,107	4.8	340
Sire, 323489; dam, 1229089.	Difference---	(4-6-4)	-336	+.3	+3
Herd Owner, J. Maurice Harlan, Fallston.					
CORONATION VICTOR EAGLE 430375----------	7 daughters--	13	7,734	5.5	424
Born, 10-8-41; proved, 2-3-50;----; Pa.	7 dams-------	30	7,500	5.6	423
Sire, 399398; dam, 1160395.	Difference---	(3-4-3)	+234	-.1	+1
Herd Owner, Walter Hamlyn, Waymart.					
DESIGN RALEIGH OBSERVER 386577----------	6 daughters--	9	6,526	5.0	324
Born, 1-1-37; proved, 2-16-50;----; Tenn.	5 daughters--	8	6,431	5.0	320
Sire, 326776; dam, 1042085.	5 dams-------	10	6,191	5.5	341
Herd Owner, Wayne Varnell, Cleveland.	Difference---	(3-1-2)	+240	-.5	-21
DESIGN STOCKWELL OF H. F. 389142----------	9 daughters--	31	6,481	5.2	337
Born, 9-1-37; proved, 2-28-50;----; Pa.	5 daughters--	16	6,570	5.2	339
Sire, 359463; dam, 1081194.	5 dams-------	10	5,474	5.2	286
Herd Owner, Gilbert R. Englerth, Downingtown.	Difference---	(3-2-3)	+1,096	.0	+53
DREAMING MOOR WATFERN AIM 435924----------	10 daughters-	14	6,401	5.3	341
Born, 4-5-42; proved, 2-8-50;----; N. Y.	9 daughters--	13	6,754	5.3	360
Sire, 400134; dam, 1007827.	9 dams-------	50	6,710	5.3	353
Herd Owner, Clarence H. Jennings, East Durham.	Difference---	(5-7-4)	+44	.0	+7
EAGLE BOY HOMER 386160----------	15 daughters-	22	7,659	5.9	455
Born, 12-12-36; proved, 2-28-50;----; Oreg.	9 daughters--	11	7,751	6.0	462
Sire, 218667; dam, 1073635.	9 dams-------	15	9,188	5.1	473
Herd Owner, O. A. Parton, Woodburn.	Difference---	(2-9-4)	-1,437	+.9	-11
ELIZABETH FAMOUS MASTER 455356----------	7 daughters--	10	7,564	5.1	388
Born, 4-16-43; proved, 2-7-50;----; Pa.	6 daughters--	8	7,520	5.0	376
Sire, 426639; dam, 1446235.	6 dams-------	23	7,805	4.8	374
Herd Owner, William C. McMillen, Marion Center.	Difference---	(3-4-4)	-285	+.2	+2
FAIR MAIDA'S SUCCESS 439217----------	6 daughters--	9	7,574	5.6	422
Born, 1-8-42; proved, 2-2-50;----; Ill.	5 daughters--	8	7,506	5.6	419
Sire, 363399; dam, 1223754.	5 dams-------	10	7,415	5.2	389
Herd Owner, Glenn Rehn, Cambridge.	Difference---	(2-4-3)	+91	+.4	+30
FAUVIC GLADIOLA BARON 442405----------	8 daughters--	10	6,667	5.6	373
Born, 5-3-38; proved, 2-7-50;----; N. Y.	8 dams-------	23	7,063	5.7	401
Sire, 362420; dam, 780527.	Difference---	(4-3-3)	-396	-.1	-28
Herd Owner, Henry L. Studdon, Elbridge.					
FLOSSY'S EAGLE BOY 388951----------	8 daughters--	9	8,549	5.5	468
Born, 9-5-37; proved, 2-13-50; alive; Oreg.	6 daughters--	7	8,417	5.3	449
Sire, 218667; dam, 1086909.	6 dams-------	26	9,608	4.9	469
Herd Owner, O. H. Aasen, Arago.	Difference---	(1-5-1)	-1,191	+.4	-20
FOREMOST XENIA VICTOR 384348----------	7 daughters--	12	5,759	5.1	295
Born, 10-2-36; proved, 2-10-50;----; Mich.	6 daughters--	9	5,491	5.1	282
Sire, 357371; dam, 1117266.	6 dams-------	17	7,088	5.0	356
Herd Owner, Honsinger Brothers, Vassar.	Difference---	(1-5-2)	-1,597	+.1	-74
GAY LADY'S GOLDEN DESIGN 452577----------	6 daughters--	6	7,652	5.0	380
Born, 4-4-43; proved, 2-7-50; dead; Maine.	6 dams-------	25	9,233	4.9	457
Sire, 373402; dam, 1022436.	Difference---	(0-2-1)	-1,581	+.1	-77
Used in Maine Co-op. A. B. A.					
IDYL VICTOR DESIGN 451262----------	8 daughters--	9	8,185	5.4	442
Born, 2-23-43; proved, 2-28-50;----; Iowa.	7 daughters--	7	8,027	5.5	440
Sire, 403808; dam, 1210757.	7 dams-------	16	8,186	5.5	447
Herd Owner, F. L. Miller & Son, Beaman.	Difference---	(2-3-3)	-159	.0	-7
ISLAND VOLUNTEER 389461----------	5 daughters--	11	7,220	5.2	379
Born, 9-6-37; proved, 2-10-50;----; Calif.	5 dams-------	24	8,104	5.3	426
Sire, 341101; dam, 868564.	Difference---	(2-3-1)	-884	-.1	-47
Herd Owner, J. C. Steele, Acampo.					
K.-HOMESTEAD GAMBOGE SAM 435891----------	8 daughters--	11	4,942	5.2	258
Born, 9-4-41; proved, 2-7-50;----; N. Y.	5 daughters--	7	4,781	5.2	249
Sire, 391835; dam, 1081602.	5 dams-------	16	7,667	5.3	410
Herd Owner, Millard Hilts, Oneonta.	Difference---	(1-3-1)	-2,886	-.1	-161

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
LASSIE VICTOR POGIS 442245----------	7 daughters--	8	7,541	5.6	417
Born, 3-10-42; proved, 2-8-50; dead; N. Y.	6 daughters--	7	7,704	5.6	430
Sire, 300736; dam, 1135345.	6 dams-------	23	8,193	5.0	412
Herd Owner, John W. Peelle, Rock Stream.	Difference---	(3-5-3)	-489	+.6	+18
LILAC REMUS UNRIVALED YUREK 444998----------	8 daughters--	8	9,426	5.3	503
Born, 1-3-43; proved, 2-2-50; alive; Conn.	5 daughters--	5	9,575	5.2	496
Sire, 409293; dam, 1242255.	5 dams-------	7	7,459	5.2	387
Herd Owner, J. H. Whittemore Co., Middlebury.	Difference---	(4-2-3)	+2,116	.0	+109
LOUISOXFORD SPOTTED SON 436105----------	10 daughters-	11	5,831	4.8	277
Born, 10-17-41; proved, 2-2-50;----; Ga.	5 daughters--	6	5,712	5.0	286
Sire, 376981; dam, 1131999.	5 dams-------	8	6,812	4.5	305
Herd Owner, Mrs. J. G. Holmes, Culloden.	Difference---	(2-4-3)	-1,100	+.5	-19
MAIDEN'S MASTERMAN TID KING 424696----------	7 daughters--	10	8,375	5.0	420
Born, 7-16-40; proved, 2-28-50;----; Wash.	5 daughters--	7	8,529	4.9	419
Sire, 279190; dam, 1000046.	5 dams-------	7	7,726	4.8	367
Herd Owner, Walter A. Huntington, Brush Prairie.	Difference---	(4-4-5)	+803	+.1	+52
MAPLELAWN BOY POET ELMER 389069----------	6 daughters--	7	7,440	5.1	380
Born, 3-25-37; proved, 2-28-50;----; Maine.	5 daughters--	6	7,298	5.1	371
Sire, 369975; dam, 967439.	5 dams-------	9	6,841	[illegible]	375
Herd Owner, L. M. Mosher & Son, Farmington.	Difference---	(3-1-2)	+457	-.4	-4
MOROCCO'S MIGHTY DUKE 434226----------	17 daughters-	31	8,408	[illegible]	449
Born, 8-17-41; proved, 2-6-50;----; Ky.	10 daughters-	17	8,623	5.2	451
Sire, 347841; dam, 963895.	10 dams------	25	7,456	[illegible]	393
Herd Owner, Dr. W. L. Titsworth, Paducah.	Difference---	(7-5-7)	+1,167	-.1	+58
PEER VALIANT BEN 432615----------	16 daughters-	25	7,222	5.3	380
Born, 6-23-40; proved, 2-3-50;----; Wash.	8 daughters--	13	7,256	5.4	392
Sire, 393019; dam, 1153878.	8 dams-------	11	9,047	4.8	438
Herd Owner, Walla Walla College Dairy, College Place.	Difference---	(0-7-2)	-1,791	+.6	-46
PLACID SYBIL'S SUCCESSOR 382739----------	6 daughters--	9	7,594	5.4	412
Born, 4-20-36; proved, 2-16-50;----; Ohio.	5 daughters--	8	7,715	5.3	413
Sire, 285934; dam, 834895.	5 dams-------	14	7,837	5.4	422
Herd Owner, M. H. Crates & Luther A. Grieser, Jenera.	Difference---	(3-2-2)	-122	-.1	-9
PROGRESS OWL COMBINE KING 432631 *13----------	16 daughters-	34	7,373	5.3	391
Born, 11-12-40; proved, 2-3-50; dead; Maine.	15 daughters-	31	7,451	5.3	396
Sire, 251842; dam, 1142392.	15 dams------	84	7,675	5.3	406
Herd Owner, Fred S. Blanchard & Son, Cumberland Center.	Difference---	(6-7-8)	-224	.0	-10
RUSTIC CORONATION LAD 429987----------	19 daughters-	26	6,892	5.6	385
Born, 5-29-41; proved, 2-2-50;----; N. Y.	8 daughters--	9	7,564	5.5	416
Sire, 293717; dam, 1173916.	8 dams-------	27	8,837	5.2	463
Herd Owner, George Sedgewick, West Lebanon.	Difference---	(2-7-3)	-1,273	+.3	-47
SIBLEY FARMS DICTATOR 440346----------	17 daughters-	18	6,665	5.4	362
Born, 2-16-42; proved, 2-2-50;----; Vt.	6 daughters--	6	6,648	5.4	357
Sire, 298411; dam, 1093971.	6 dams-------	8	7,946	5.3	422
Herd Owner, Lauradon Farms, Greensboro.	Difference---	(1-4-1)	-1,298	+.1	-65
SILVER CITY IVANHOE 455678----------	8 daughters--	9	4,593	4.9	226
Born, 8-29-40; proved, 2-7-50;----; Tenn.	6 daughters--	7	4,842	4.9	236
Sire, 360581; dam, 717007.	6 dams-------	19	4,248	5.0	210
Herd Owner, B. Haun, Russellville.	Difference---	(5-2-5)	+594	-.1	+26
SIR BEAU DREAMER 455799----------	7 daughters--	10	6,597	5.7	379
Born, 2-4-43; proved, 2-7-50;----; Pa.	6 daughters--	9	6,396	5.8	371
Sire, 392490; dam, 1225756.	6 dams-------	22	6,234	6.3	392
Herd Owner, Harlan S. Gatchell, Peach Bottom.	Difference---	(3-2-3)	+162	-.5	-21
SMOKY SAM SUCCESSOR 387715----------	5 daughters--	5	6,596	5.1	334
Born, 1-20-37; proved, 2-28-50;----; Iowa.	5 dams-------	15	6,235	5.1	318
Sire, 358036; dam, 907603.	Difference---	(4-2-4)	+361	.0	+16
Herd Owner, Max Ten Hagen, Prairie City.					
SOPHIE BILLY BINGO ECHO 442364----------	5 daughters--	6	5,858	5.5	320
Born, 2-8-42; proved, 2-1-50;----; Pa.	5 dams-------	10	8,236	5.2	432
Sire, 335373; dam, 1268097.	Difference---	(0-4-1)	-2,378	+.3	-112
Herd Owner, L. L. & Daisy Luce, Guys Mills.					
SYBIL STOCKWELL OAKES 442023----------	7 daughters--	9	7,674	5.5	424
Born, 9-13-42; proved, 2-8-50;----; Pa.	7 dams-------	41	7,898	4.9	389
Sire, 368386; dam, 1040846.	Difference---	(3-6-4)	-224	+.6	+35
Herd Owner, Old Forge Farm, Spring Grove.					
U. N. H. SIGNAL GALAHAD 415487 *12----------	12 daughters-	33	9,766	4.7	454
Born, 10-28-40; proved, 2-28-50;----; N. H.	12 dams------	49	9,138	4.7	431
Sire, 390018; dam, 1028731.	Difference---	(7-4-6)	+628	.0	+23
Used in New Hampshire A. B. A.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
VALIANT AIM COUNT 435080----------	9 daughters--	13	6,528	5.2	339
Born, 11-10-41; proved, 2-8-50;----; Mich.	6 daughters--	8	6,066	5.1	311
Sire, 405288; dam, 1299751.	6 dams-------	11	7,669	5.6	428
Herd Owner, R. D. Bancroft, Alto.	Difference---	(1-1-1)	-1,603	-.5	-117
VICTOR CHECKMARK 455802----------	10 daughters-	13	6,885	5.5	378
Born, 3-28-42; proved, 2-7-50; alive; Calif.	10 dams------	68	8,402	5.7	481
Sire, 395657; dam, 1137058.	Difference---	(2-3-0)	-1,517	-.2	-103
Herd Owner, R. W. Levin, Turlock.					
VOL. OBSERVER EAGLE KNIGHT 435965----------	15 daughters-	17	9,135	5.1	463
Born, 12-3-41; proved, 2-2-50; alive; Oreg.	5 daughters--	7	9,387	5.1	474
Sire, 384221; dam, 1190249.	5 dams-------	7	9,014	5.3	479
Herd Owner, Clifford S. Wright, Nyssa.	Difference---	(4-1-2)	+373	-.2	-5
VOLUNTEER DIPSY STANDARD 454316 *(Oct. 1949)----------	8 daughters--	8	12,518	4.7	594
Born, 1-1-44; proved, 2-6-50; alive; Vt.	8 dams-------	35	10,369	5.3	549
Sire, 365924; dam, 1178969.	Difference---	(6-2-5)	+2,149	-.6	+45
Herd Owner, Brigham Farm, St. Albans.					
WAKEMA SCOUT 432560----------	10 daughters-	13	7,354	5.1	372
Born, 3-1-41; proved, 2-28-50;----; Vt.	8 daughters--	11	7,753	5.1	393
Sire, 432056; dam, 1342515.	8 dams-------	13	5,938	5.2	307
Herd Owner, Wentworth & Moore, White River Junction.	Difference---	(7-4-7)	+1,815	-.1	+86
WONDERFUL BART BINDLE 382129----------	7 daughters--	12	7,233	5.1	370
Born, 3-30-37; proved, 2-28-50;----; Ohio.	7 dams-------	10	6,457	5.3	340
Sire, 367164; dam, 815443.	Difference---	(4-3-4)	+776	-.2	+30
Herd Owner, Yauger Brothers, Mount Vernon.					
WONDERFUL ROYAL KARNAK 433432----------	11 daughters-	21	5,815	5.3	307
Born, 8-14-41; proved, 2-10-50; dead; Tenn.	6 daughters--	10	5,728	5.5	313
Sire, 403169; dam, 1080644.	6 dams-------	10	6,835	5.1	345
Herd Owner, J. W. Orr, Culleoka.	Difference---	(0-5-2)	-1,107	+.4	-32
433978----------	14 daughters-	18	6,910	5.1	354
Born, ----; proved, 12-29-49;----; Oreg.	8 daughters--	10	6,803	5.0	339
Sire, ----; dam, ----.	8 dams-------	11	7,464	5.0	372
Herd Owner, Carl Hurner & Son, Carlton.	Difference---	(2-4-2)	-661	.0	-33
21*29997 (BANGS OR TB EARTAG)----------	7 daughters--	7	5,260	5.6	293
Born, ----; proved, 2-1-50;----; N. Y.	5 daughters--	5	5,406	5.5	297
Sire, ----; dam, ----.	5 dams-------	12	6,569	5.2	340
Herd Owner, George K. Maurer, Delhi.	Difference---	(1-3-1)	-1,163	+.3	-43

SHORTHORN SIRES

FOGGATHORPE EMPEROR JOE 2248076----------	5 daughters--	6	4,783	4.0	190
Born, 3-20-43; proved, 2-13-50;----; Iowa.	5 dams-------	16	6,824	3.8	259
Sire, 1765783; dam, 1512507.	Difference---	(0-4-0)	-2,041	+.2	-69
Herd Owner, Arthur E. Eschen, Lamont.					
NERALCAM FEARLESS 1902184----------	10 daughters-	15	6,827	3.8	258
Born, 10-11-36; proved, 2-13-50; dead; Kans.	6 daughters--	8	6,858	3.8	262
Sire, 1760596; dam, 1823690.	6 dams-------	17	7,731	4.1	314
Herd Owner, Joe A. Fox, St. John.	Difference---	(2-3-3)	-873	-.3	-52
WACHIX MODEL 2142057----------	9 daughters--	10	6,268	3.6	225
Born, 9-1-42; proved, 2-14-50;----; Ohio.	8 daughters--	9	5,759	3.6	206
Sire, 1789623; dam, 1960293.	8 dams-------	16	6,222	3.8	234
Herd Owner, J. S. McClester & Son, Mechanicstown.	Difference---	(3-3-2)	-463	-.2	-28

AMERICAN DAIRY CATTLE CLUB SIRES

CLOVE VALLEY SUPREME SATISFACTION 342
(This sire is also a registered Holstein "Clove Valley Supreme Satisfaction 864818." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 26, No. 4

APRIL 1950

133,347 LACTATION RECORDS REPORTED FIRST 3 MONTHS OF 1950

In the first 3 months of this year, 133,347 lactation records were reported to the Bureau of Dairy Industry for use in proving DHIA sires. This is approximately 40,000 more than were reported in the first quarter of 1949, the previous peak.

Of the total number of lactation records, 5,317 were Herd Test records reported by breed associations and 128,030 were records reported by DHIA supervisors. The latter represent 11.8 percent of the cows on test in dairy-herd-improvement associations on January 1, 1950. The 5,317 Herd Test records were reported by the American Dairy Cattle Club, the Ayrshire Breeders' Association, and the Brown Swiss Cattle Breeders' Association — the largest number ever reported in any similar period.

New York led the States in number of DHIA records reported by association supervisors, with a total of 22,209 records. Wisconsin was second with 19,561, and Pennsylvania was third with 12,975.

Delaware led the States in percentage of DHIA records reported. Fifteen States reported a total number of production records equal to 14 percent or more of the cows on test. They are:

Delaware	28.3	Oregon	16.6
Wisconsin	23.5	Washington	15.5
Maine	23.1	Virginia	14.8
North Dakota	21.5	Pennsylvania	14.7
West Virginia	20.5	Iowa	14.5
New York	18.5	Minnesota	14.4
Kansas	17.9	Vermont	14.2
New Hampshire	17.2		

The table on page 2 shows the number of records reported during the first 3 months of 1950, by States.

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY STATE EXTENSION SERVICES, FOR THE PERMANENT FILES DURING 1949 and 1950

State	First 3 months of 1950							1949	
	Cows on test in all association herds on January 1	Cows for which production records were reported 1/ 2/		Herd Test Records Reported by -			Records returned 3/	Cows for which production records were reported 2/	
				American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association			
	Number	Number	Percent	Number	Number	Number	Number	Number	Percent
Maine	10,041	2,320	23.1	0	59	0	107	5,531	64.2
N. H	7,564	1,302	17.2	0	70	4	30	3,546	56.2
Vt	30,903	4,395	14.2	9	130	24	180	13,479	48.4
Mass	15,355	1,809	11.8	27	248	56	53	4,834	37.3
R. I	2,375	109	4.6	0	48	0	16	679	39.7
Conn	14,121	1,631	11.6	0	172	60	246	6,277	51.1
N. Y	119,882	22,209	18.5	606	646	72	471	38,880	38.5
Pa	88,263	12,975	14.7	27	431	28	492	51,091	69.1
N. J	23,463	2,316	9.9	0	9	17	169	5,302	25.0
Md	24,266	2,540	10.5	34	212	1	70	10,077	56.5
Del	2,283	647	28.3	4	19	0	33	417	20.3
Va	39,348	5,836	14.8	0	0	4	85	15,679	46.0
W. Va	6,810	1,396	20.5	0	15	3	37	4,024	72.4
Ky	8,320	823	9.9	0	0	11	63	3,045	42.0
N. C	8,403	451	5.4	0	94	0	25	1,462	23.5
S. C	2,223	0	-	0	0	15	0	0	-
Ga	5,754	556	9.7	3	0	0	28	896	21.3
Fla	4,902	480	9.8	0	17	0	13	410	14.6
Ala	6,721	218	3.2	0	0	0	42	224	-
Miss	1,515	163	10.8	0	2	0	11	575	60.3
Tenn	9,271	171	1.8	8	0	0	7	1,754	26.5
La	3,173	64	2.0	0	0	0	2	291	13.6
Ark	1,943	1	0.1	0	0	0	0	6	1.1
Ohio	28,483	3,619	12.7	7	370	91	163	11,801	51.7
Ind	27,498	1,032	3.8	6	90	48	93	8,714	33.1
Ill	40,131	3,131	7.8	71	62	170	172	16,979	45.6
Mich	53,294	6,743	12.7	14	71	76	200	17,083	37.4
Wis	83,281	19,561	23.5	21	135	170	470	48,118	58.8
Minn	48,084	6,919	14.4	9	9	41	365	30,873	74.9
Iowa	38,665	5,618	14.5	0	46	142	181	18,922	52.5
Mo	17,867	2,119	11.9	0	9	13	56	4,587	27.4
N. Dak	1,113	239	21.5	0	0	0	16	558	44.9
S. Dak	2,977	83	2.8	0	7	9	5	337	26.0
Nebr	3,757	324	8.6	7	11	8	9	1,691	34.5
Kans	13,891	2,489	17.9	0	174	23	121	6,684	50.7
Okla	2,700	159	5.9	0	9	2	18	414	15.8
Texas	14,401	516	1.2	0	4	8	10	1,107	10.1
Mont	4,622	142	3.1	0	18	0	7	331	7.8
Idaho	9,277	869	9.4	0	12	0	21	2,903	33.0
Wyo	577	5	0.9	0	0	0	0	20	2.6
Nev	924	0	-	0	0	0	4	157	28.1
Utah	9,531	449	4.7	0	1	0	27	1,060	10.9
Colo	5,872	502	8.5	0	28	10	22	1,205	26.2
N. Mex	2,381	53	2.2	0	0	0	3	213	13.9
Ariz	12,031	271	2.3	0	0	10	13	978	9.6
Wash	29,947	4,645	15.5	0	33	6	111	14,334	49.9
Oreg	18,619	3,099	16.6	0	9	5	55	10,704	60.4
Calif	181,343	3,021	1.7	0	74	3	32	6,157	3.9
P. R	0	0	-	0	0	0	0	0	-
Hawaii	707	10	1.4	0	0	0	0	47	12.6
U. S	1,088,872	128,030	11.8	853	3,344	1,120	4,354	374,456	39.7

1/ Includes cows enrolled since January 1, 1950.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED IN MARCH 1950

Following is a list of 292 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in March 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ATWOOD ORCHARDS JUSTICE LAD 67496----------	8 daughters--	10	9,063	4.2	382
Born, 4-30-41; proved, 3-31-50;----; Pa.	7 daughters--	9	8,950	4.3	384
Sire, 55031; dam, 138021.	7 dams-------	34	8,807	4.2	372
Herd Owner, Forest Vu Farm, Mont Alto.	Difference---	(4-5-4)	+143	+.1	+12
BLANCA'S SUNRAY OF JUNIATA 68130----------	5 daughters--	7	8,863	3.8	337
Born, 3-26-41; proved, 3-30-50; dead; Idaho.	5 dams-------	15	8,009	4.1	332
Sire, 55525; dam, 138487.	Difference---	(3-0-3)	+854	-.3	+5
Herd Owner, Benjamin W. Maffit, Nampa.					
BROOK PINE GOLD BAR 63282----------	12 daughters-	17	6,470	3.9	250
Born, 8-12-39; proved, 3-20-50;----; N. Y.	9 daughters--	13	6,585	3.9	255
Sire, 49268; dam, 176014.	9 dams-------	11	6,515	3.6	232
Herd Owner, John R. Manning, Johnson.	Difference---	(6-9-6)	+70	+.3	+23
CORNELL BARR RUEL 65143----------	10 daughters-	12	6,098	4.0	245
Born, 7-27-40; proved, 3-21-50;----; N. Y.	5 daughters--	5	5,863	4.1	241
Sire, 57529; dam, 179694.	5 dams-------	5	8,458	4.2	352
Herd Owner, Frank Youngs, Bullville.	Difference---	(0-3-1)	-2,595	-.1	-111
DESERT CREST'S BADGER PEER 62380----------	7 daughters--	12	9,364	3.9	361
Born, 8-5-39; proved, 3-15-50;----; Wis.	5 daughters--	9	9,480	3.8	363
Sire, 43826; dam, 179692.	5 dams-------	10	7,302	4.1	296
Herd Owner, William J. Fischer, Manitowoc.	Difference---	(5-2-4)	+2,178	-.3	+67
DESERT CREST'S SEPT PEER 60165----------	28 daughters-	38	8,667	4.1	358
Born, 9-3-38; proved, 3-30-50;----; Kans.	24 daughters-	31	8,954	4.1	368
Sire, 43826; dam, 122908.	24 dams------	75	8,685	4.1	352
Herd Owner, W. H. Hardy, Sr., Arkansas City.	Difference---	(12-15-14)	+269	.0	+16
DON'S BIG BOY OF HAPPY HAVEN 63667----------	6 daughters--	10	8,414	4.0	337
Born, 10-1-39; proved, 3-16-50;----; N. Y.	5 daughters--	7	8,239	4.0	328
Sire, 52545; dam, 173563.	5 dams-------	11	9,678	4.0	388
Herd Owner, Jay H. Knapp & Son, Vernon.	Difference---	(1-2-1)	-1,439	.0	-60
ELMSTONE LARRY 66873----------	21 daughters-	36	8,564	4.2	458
Born, 2-2-41; proved, 3-29-50;----; Pa.	10 daughters-	16	8,934	4.2	374
Sire, 53833; dam, 186067.	10 dams------	22	9,271	3.9	361
Herd Owner, De Graw & Greenly, Tunkhannock.	Difference---	(5-8-7)	-337	+.3	+13
FAIR MEADOWS HELEN'S DAIRYMAN 64806----------	5 daughters--	5	8,885	3.9	349
Born, 3-7-40; proved, 3-16-50; dead; Md.	5 dams-------	15	8,472	4.0	340
Sire, 54157; dam, 170420.	Difference---	(2-3-2)	+413	-.1	+9
Herd Owner, Mt. Felix Farm, Havre de Grace.					
FAVORITE'S BROOKBANK LADDIE 67032----------	6 daughters--	6	5,929	3.8	227
Born, 12-7-40; proved, 3-21-50; dead; N. Y.	5 daughters--	5	5,994	3.8	230
Sire, 57519; dam, 202475.	5 dams-------	10	9,274	3.9	363
Herd Owner, Fay W. Hargrave, Woodhull.	Difference---	(0-2-0)	-3,280	-.1	-133
FILLMORE KOHINOOR 61986----------	7 daughters--	9	8,453	4.0	341
Born, 6-9-39; proved, 3-15-50;----; Conn.	6 daughters--	7	8,519	4.1	346
Sire, 36607; dam, 99039.	6 dams-------	23	9,272	4.0	370
Used in Connecticut A. B. A., Inc.	Difference---	(2-4-2)	-753	+.1	-24
GALNEY HERCULES 65641----------	13 daughters-	19	9,957	4.0	400
Born, 12-1-40; proved, 3-28-50; dead; N. Y.	6 daughters--	9	9,503	3.9	371
Sire, 64782; dam, 167322.	6 dams-------	9	9,624	3.8	367
Herd Owner, Culbertson & Pickard, Dansville.	Difference---	(3-5-3)	-121	+.1	+4
IROQUOIS DESPOT 60765----------	9 daughters--	10	8,227	4.1	334
Born, 1-9-39; proved, 3-16-50; dead; N. Y.	5 daughters--	6	8,505	4.1	345
Sire, 53770; dam, 176718.	5 dams-------	5	9,574	4.1	388
Herd Owner, Ralph Scott, Margaretville.	Difference---	(3-4-3)	-1,069	.0	-43
NAMONOCK ROYAL BLUE 62392----------	21 daughters-	40	7,861	3.8	301
Born, 9-19-39; proved, 3-15-50;----; Pa.	5 daughters--	8	8,355	3.8	318
Sire, 52363; dam, 174088.	5 dams-------	13	9,434	3.7	351
Herd Owner, Robert Harnish, Christiana.	Difference---	(1-3-1)	-1,079	+.1	-33

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NESHAMINY MARK 77130----------	6 daughters--	6	9,606	4.0	385
Born, 2-27-44; proved, 3-21-50;----; Md.	6 dams-------	29	9,936	3.8	373
Sire, 55200; dam, 200815.	Difference---	(3-5-4)	-330	+.2	+12
Used in Maryland Co-op. A. B. A., Inc.					
PINK HILL FAVORITE 63875----------	5 daughters--	5	8,272	4.2	347
Born, 2-13-40; proved, 3-16-50; dead; N. C.	5 dams-------	29	10,886	4.0	436
Sire, 38087; dam, 139246.	Difference---	(0-5-0)	-2,614	+.2	-89
Herd Owner, North Carolina Sanatorium, Sanatorium.					
SOUTH WOOD STATELY 66195----------	8 daughters--	11	9,070	4.0	359
Born, 1-13-41; proved, 3-29-50;----; Ind.	6 daughters--	8	9,455	4.0	374
Sire, 61250; dam, 195299.	6 dams-------	24	9,697	3.8	371
Herd Owner, Liechty & Henry Aschleman, Berne.	Difference---	(2-4-3)	-242	+.2	+3
STRATHGLASS BONNIE MASTER 67336----------	9 daughters--	9	5,793	4.1	237
Born, 6-25-41; proved, 3-29-50;----; Mass.	6 daughters--	6	5,941	4.2	249
Sire, 51655; dam, 195177.	6 dams-------	11	7,045	4.0	282
Herd Owner, Clarence J. & H. A. Howland, New Braintree.	Difference---	(0-5-0)	-1,104	+.2	-33
THISTLE'S BUSTER 61108----------	7 daughters--	7	5,804	3.9	225
Born, 10-16-38; proved, 3-28-50;----; Kans.	6 daughters--	6	6,052	3.8	230
Sire, 49508; dam, 132502.	6 dams-------	12	7,273	4.0	294
Herd Owner, Cooley Brothers, Bavaria.	Difference---	(2-2-1)	-1,221	-.2	-64
TOTHILL DEXTER 63369----------	15 daughters-	18	7,948	3.9	312
Born, 12-9-39; proved, 3-15-50;----; Vt.	5 daughters--	5	7,234	4.0	290
Sire, 58862; dam, 137265.	5 dams-------	8	5,942	3.7	221
Herd Owner, Clyde Bryant & Son, Manchester.	Difference---	(4-5-5)	+1,292	+.3	+69
U NEB MASTER JOB 62919----------	8 daughters--	16	9,623	4.4	423
Born, 7-7-39; proved, 3-16-50; dead; Nebr.	5 daughters--	10	9,547	4.5	430
Sire, 43649; dam, 190572.	5 dams-------	8	8,730	4.3	374
Herd Owner, University of Nebraska, Lincoln.	Difference---	(3-4-5)	+817	+.2	+56
WHITPAIN AMERICAN LUCKY STAR 61573----------	9 daughters-	22	8,771	3.9	338
Born, 4-21-39; proved, 3-16-50;----; Pa.	7 daughters--	19	9,191	3.8	354
Sire, 35139; dam, 154029.	7 dams-------	19	7,718	3.9	300
Herd Owner, J. C. Weigner, Lansdale.	Difference---	(6-3-6)	+1,473	-.1	+54
WHITPAIN BROWN MAN 68197----------	5 daughters--	5	9,628	4.4	423
Born, 9-6-41; proved, 3-30-50;----; Kans.	5 dams-------	20	7,305	4.1	302
Sire, 43060; dam, 200262.	Difference---	(3-4-4)	+2,323	+.3	+121
Herd Owner, Chester L. Hendershot & Sons, Hutchinson.					
54*E13450 (BANGS OR TB EARTAG)----------	7 daughters--	10	5,096	4.4	226
Born, ----; proved, 3-14-50;----; W. Va.	7 dams-------	25	5,520	4.4	244
Sire, ----; dam, ----.	Difference---	(3-3-3)	-424	.0	-18
Herd Owner, Sisters of the Good Shepherd, Wheeling.					

BROWN SWISS SIRES

BARON JR. 44621----------	8 daughters--	12	9,826	3.9	385
Born, 4-9-39; proved, 3-14-50;----; Iowa.	6 daughters--	7	9,848	3.9	385
Sire, 34125; dam, 45311.	6 dams-------	19	9,576	3.8	368
Herd Owner, Theiss Brothers, Fort Dodge.	Difference---	(4-5-4)	+272	+.1	+17
BEAUTY BOY OF MT. AUBURN 51459----------	5 daughters--	10	8,183	4.3	354
Born, 3-11-41; proved, 3-14-50; dead; N. Y.	5 dams-------	15	9,011	4.2	380
Sire, 37284; dam, 54138.	Difference---	(1-4-1)	-828	+.1	-26
Herd Owner, Edmond Schillawski, Auburn.					
BETTY'S ROLLO OF AIRY KNOLL 51689----------	15 daughters-	31	10,645	4.0	426
Born, 1-29-41; proved, 3-15-50;----; Iowa.	5 daughters--	12	10,807	3.8	415
Sire, 45715; dam, 63115.	5 dams-------	9	11,844	3.9	466
Herd Owner, Carl Huendling, Breda.	Difference---	(1-3-1)	-1,037	-.1	-51
ELMHURST LUTHER A. C. 51878----------	9 daughters--	11	7,648	3.8	294
Born, 1-22-41; proved, 3-20-50;----; Wis.	7 daughters--	8	7,713	3.8	296
Sire, 26553; dam, 94632.	7 dams-------	11	7,526	3.8	283
Herd Owner, Wayne Owen, Nelson.	Difference---	(4-5-4)	+187	.0	+13
MORNING GLORY'S JACK 50942----------	8 daughters--	9	10,794	3.8	406
Born, 2-25-41; proved, 3-14-50;----; Minn.	7 daughters--	8	10,797	3.8	409
Sire, 41959; dam, 47733.	7 dams-------	17	10,322	3.9	406
Herd Owner, Herman Hoof & Son, Plato.	Difference---	(4-4-4)	+475	-.1	+3
MYRTLE'S BROWN PRINCE 50516----------	6 daughters--	11	10,371	3.8	399
Born, 6-28-41; proved, 3-15-50;----; Md.	6 dams-------	24	9,223	3.8	349
Sire, 31722; dam, 41089.	Difference---	(4-4-5)	+1,148	.0	+50
Herd Owner, Ward Brothers, Rockville.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PENSTATE FAIRY'S GENO 45604----------	13 daughters-	26	8,604	3.9	334
Born, 11-7-39; proved, 3-15-50;----; Pa.	12 daughters-	23	8,573	3.9	334
Sire, 25090; dam, 53171.	12 dams------	67	8,915	4.0	353
Herd Owner, J. Lin Huber, St. Thomas.	Difference---	(6-6-6)	-342	-.1	-19
PRINCE LAD OF HAZEL MAR 51262----------	7 daughters--	12	9,588	4.1	394
Born, 2-25-41; proved, 3-7-50; dead; Ill.	7 dams-------	22	7,969	4.1	324
Sire, 39402; dam, 67641.	Difference---	(5-5-5)	+1,619	.0	+70
Herd Owner, Irving Kimball, Hebron.					
SILVER'S BARON BOY 51382----------	5 daughters--	6	9,533	4.2	398
Born, 9-16-40; proved, 3-22-50;----; Kans.	5 dams-------	13	12,208	4.1	502
Sire, 40790; dam, 37898.	Difference---	(1-4-1)	-2,675	+.1	-104
Herd Owner, Frank M. Webber & Sons, Kingman.					
SWISS TOWN BARTLY DANDY 50005----------	8 daughters--	9	8,066	4.1	331
Born, 4-27-41; proved, 3-31-50;----; Ill.	5 daughters--	5	7,657	4.2	321
Sire, 28453; dam, 64315.	5 dams-------	9	8,032	3.8	305
Herd Owner, Shirl Langley, Durand.	Difference---	(1-5-2)	-375	+.4	+16
V. B. TEX-JANE KING 70627----------	10 daughters-	10	13,217	4.4	580
Born, 6-16-44; proved, 3-20-50;----; Iowa.	10 dams------	20	10,436	4.2	442
Sire, 53913; dam, 111066.	Difference---	(9-5-10)	+2,781	+.2	+138
Herd Owner, Buol Brothers, Monticello.					
WALHALLA SIGNPOST PRINCE 53221----------	5 daughters--	6	8,454	4.0	342
Born, 11-13-41; proved, 3-31-50; dead; Ohio.	5 dams-------	5	8,890	4.0	356
Sire, 35293; dam, 59500.	Difference---	(1-2-2)	-436	.0	-14
Herd Owner, Greisheimer Brothers, Valley City.					
WANDA'S SELECT OF CITY VIEW F. 51036----------	9 daughters--	16	12,961	4.1	537
Born, 4-8-41; proved, 3-31-50;----; Calif.	7 daughters--	11	13,649	4.1	561
Sire, 33538; dam, 64852.	7 dams-------	25	14,089	4.1	572
Herd Owner, Mrs. Margaret Manner, Orland.	Difference---	(3-6-3)	-440	.0	-11

GUERNSEY SIRES

ARGILLA MODERATOR 313329----------	9 daughters--	14	8,290	4.5	375
Born, 11-1-41; proved, 3-9-50;----; Wis.	7 daughters--	10	7,900	4.5	352
Sire, 255507; dam, 431032.	7 dams-------	11	7,251	4.7	339
Herd Owner, E. A. Gallun, Hartland.	Difference---	(5-3-4)	+649	-.2	+13
BLAKEFORD LEGACY 309929----------	16 daughters-	17	8,464	4.9	411
Born, 9-28-41; proved, 3-22-50;----; Pa.	16 dams------	28	9,266	4.6	427
Sire, 246817; dam, 337676.	Difference---	(7-14-7)	-802	+.3	-16
Herd Owner, Richard Schweder, Gardenville.					
BLAKEFORD PARAMOUNT 348134----------	5 daughters--	5	8,487	4.9	415
Born, 2-25-44; proved, 3-20-50;----; Md.	5 dams-------	16	7,826	4.8	378
Sire, 299118; dam, 816805.	Difference---	(3-3-3)	+661	+.1	+37
Herd Owner, William B. Messix, Jr., Queen Ann.					
BLAKEFORD SECRET 299796----------	6 daughters--	7	8,312	4.5	374
Born, 3-8-41; proved, 3-9-50; dead; Wis.	5 daughters--	6	8,250	4.5	371
Sire, 206846; dam, 375945.	5 dams-------	18	8,075	5.0	403
Used in Wisconsin Experimental Breeding Project (A. B. A.).	Difference---	(3-1-1)	+175	-.5	-32
BOULDER BRIDGE CALIPH 362642----------	8 daughters--	8	11,177	4.8	534
Born, 9-16-44; proved, 3-9-50; alive; Minn.	6 daughters--	6	11,047	4.8	528
Sire, 235690; dam, 540900.	6 dams-------	12	7,775	5.3	409
Herd Owner, Martin C. & Earl A. Ness, Albert Lea.	Difference---	(6-0-6)	+3,272	-.5	+119
BOYD FARM FAY'S WARRIOR 346399----------	5 daughters--	5	7,424	4.7	350
Born, 12-16-43; proved, 3-30-50; dead; Calif.	5 dams-------	15	6,906	4.8	331
Sire, 235114; dam, 586520.	Difference---	(4-2-4)	+518	-.1	+19
Used in California Dairy A. B. A., Inc.					
BYRON'S MASTER OF SPRING DALE 317179----------	5 daughters--	6	5,319	4.5	240
Born, 12-21-41; proved, 3-22-50;----; Pa.	5 dams-------	26	5,785	4.7	275
Sire, 251847; dam, 477859.	Difference---	(1-0-0)	-466	-.2	-35
Herd Owner, Lloyd R. D. Bentz, Dillsburg.					
CHARITY'S BRILLIANT BOY 405463----------	9 daughters--	15	10,661	4.0	431
Born, 5-20-41; proved, 3-20-50;----; Conn.	9 dams-------	35	9,869	4.1	400
Sire, 232843; dam, 509113.	Difference---	(7-4-5)	+792	-.1	+31
Herd Owner, S. Ellsworth Hall, Wallingford.					
CLA-ORE MONGOOSE 359210----------	6 daughters--	6	10,921	4.6	501
Born, 6-3-44; proved, 3-22-50;----; Oreg.	5 daughters--	5	11,040	4.6	505
Sire, 307217; dam, 516047.	5 dams-------	11	9,355	5.1	479
Herd Owner, Fred Rudat, Brownsmead.	Difference---	(5-1-3)	+1,685	-.5	+26

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CLEARBROOK NOBLE'S TOPSY BOY 305285----------	10 daughters-	20	8,510	5.0	423
Born, 4-2-40; proved, 3-14-50;----; Ill.	5 daughters--	10	8,332	5.0	419
Sire, 258488; dam, 481591.	5 dams-------	13	7,938	5.0	393
Herd Owner, Fin 'n' Feather Club, Dundee.	Difference---	(4-2-4)	+394	.0	+26
COLDSPRING'S BEAUTY'S PLATO 326428----------	14 daughters-	15	8,072	4.6	371
Born, 7-21-42; proved, 3-17-50;----; Pa.	14 dams------	44	7,250	5.1	369
Sire, 297887; dam, 518908.	Difference---	(8-4-6)	+822	-.5	+2
Herd Owner, C. A. Stevens & Sons, Stillwater.					
COLDSPRING'S ROYAL PREDICTION 319572----------	15 daughters-	17	7,950	5.1	402
Born, 5-8-42; proved, 3-22-50;----; Pa.	15 dams------	44	8,538	4.7	402
Sire, 207097; dam, 557949.	Difference---	(5-14-7)	-588	+.4	0
Used in Southeastern Pennsylvania Co-op. A. B. A.					
CORONATIN KING OF PINE MANOR 250949----------	11 daughters-	15	9,201	5.0	460
Born, 3-28-37; proved, 3-31-50;----; Ill.	7 daughters--	9	10,129	5.0	503
Sire, 238549; dam, 356033.	7 dams-------	22	10,954	4.8	531
Herd Owner, Burton Lane Farms, Deerfield.	Difference---	(1-5-2)	-825	+.2	-28
DEERSHORN NOBLE 360369----------	5 daughters--	6	10,098	4.6	465
Born, 2-13-43; proved, 3-21-50; alive; Mass.	5 dams-------	10	8,482	4.8	407
Sire, 267617; dam, 700744.	Difference---	(4-2-4)	+1,616	-.2	+58
Used in Massachusetts A. B. A., Inc.					
DIXIE'S VICTOR OF ROSEDALE 364092----------	10 daughters-	13	8,931	4.4	389
Born, 2-5-43; proved, 3-29-50;----; Iowa.	9 daughters--	11	9,141	4.4	400
Sire, 293933; dam, 779449.	9 dams-------	23	8,985	4.7	424
Herd Owner, Burk & McCain, Rippey.	Difference---	(5-2-3)	+156	-.3	-24
DUNWALKE ROSEBUD'S BUTTERFAT 209245 *8----------	16 daughters-	39	8,028	4.7	375
Born, 6-2-33; proved, 3-31-50;----; Conn.	11 daughters-	33	8,236	4.8	391
Sire, 104968; dam, 182226.	11 dams------	29	8,173	4.8	396
Herd Owner, Mt. Fair Farm, Watertown.	Difference---	(5-5-4)	+63	.0	-5
DUNWALKE TREMPEALEAU 317294----------	15 daughters-	16	5,183	4.8	247
Born, 1-21-42; proved, 3-20-50; dead; Wis.	11 daughters-	11	5,261	4.8	253
Sire, 257259; dam, 522842.	11 dams------	33	6,546	5.0	330
Herd Owner, Thomas Mattison, Blair.	Difference---	(3-6-2)	-1,285	-.2	-77
ELKHARDT'S GOLDEN RAIDER 380342----------	6 daughters--	6	7,749	4.7	361
Born, 11-4-41; proved, 3-17-50; dead; Va.	5 daughters--	5	7,621	4.6	353
Sire, 263402; dam, 575062.	5 dams-------	11	7,405	4.8	355
Herd Owner, Elkhardt Guernsey Farm, Richmond.	Difference---	(3-1-2)	+216	-.2	-2
ELK MEADOW MAID'S LEVIATHON 310723----------	11 daughters-	17	7,221	5.0	358
Born, 1-25-41; proved, 3-13-50;----; Wis.	5 daughters--	9	7,258	4.8	351
Sire, 213384; dam, 617941.	5 dams-------	17	6,909	4.9	339
Herd Owner, Tarr Brothers, New Auburn.	Difference---	(2-3-3)	+349	-.1	+12
EVERGREEN'S BUTTERFAT KING 354358----------	6 daughters--	7	7,749	4.9	379
Born, 12-4-43; proved, 3-15-50;----; Kans.	5 daughters--	6	8,049	4.9	397
Sire, 257519; dam, 473594.	5 dams-------	11	8,635	4.8	418
Herd Owner, Norman Nelson, Wichita.	Difference---	(1-4-2)	-586	+.1	-21
FANNY'S WINNER OF MIDDALE 184739----------	6 daughters--	6	8,923	4.8	433
Born, 5-8-30; proved, 3-29-50;----; Utah.	5 daughters--	5	8,486	4.9	412
Sire, 125480; dam, 242119.	5 dams-------	12	8,224	4.9	402
Herd Owner, J. Earl Felt, Huntsville.	Difference---	(2-1-2)	+262	.0	+10
FIR RIDGE ULTRA ULYSSES 287664----------	9 daughters--	16	8,628	5.0	428
Born, 8-28-38; proved, 3-17-50;----; Wash.	6 daughters--	7	8,538	5.1	433
Sire, 209702; dam, 542264.	6 dams-------	11	8,598	5.0	433
Herd Owner, Fir Ridge Guernsey Farm, Roy.	Difference---	(3-4-3)	-60	+.1	0
FLYING HORSE ROYAL COLONEL 353616----------	8 daughters--	8	7,773	4.5	349
Born, 12-27-43; proved, 3-22-50;----; Mass.	8 dams-------	20	9,039	4.6	418
Sire, 312402; dam, 709351.	Difference---	(2-3-2)	-1,266	-.1	-69
Herd Owner, Appleton Farms, Ipswich.					
FOXBURG'S CHEER'S AFRICANDER 320633----------	7 daughters--	8	8,467	4.5	380
Born, 9-15-41; proved, 3-16-50;----; Md.	6 daughters--	7	8,327	4.5	377
Sire, 266574; dam, 386750.	6 dams-------	10	8,057	4.2	341
Herd Owner, Cloverland Farms, Phoenix.	Difference---	(3-5-6)	+270	+.3	+36
GARDENVILLE KING'S ALEXANDER 364313----------	6 daughters--	6	8,777	5.1	447
Born, 7-26-44; proved, 3-17-50;----; Pa.	6 dams-------	12	8,373	5.1	431
Sire, 329184; dam, 635516.	Difference---	(3-4-3)	+404	.0	+16
Herd Owner, Maple Knoll Farms, New Hope.					
GREEN ACRES' MAY PRINCE 277495----------	11 daughters-	25	10,179	5.1	516
Born, 4-24-39; proved, 3-9-50;----; Md.	8 daughters--	19	10,307	5.0	520
Sire, 236388; dam, 435116.	8 dams-------	14	9,710	4.6	450
Herd Owner, Jennings Smith, Sudlersville.	Difference---	(5-6-5)	+597	+.4	+70

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
GUSANNA'S VICTOR LAD 345002----------	5 daughters--	5	7,427	4.3	322
Born, 5-27-41; proved, 3-20-50; dead; Wis.	5 dams-------	19	7,448	4.8	360
Sire, 293154; dam, 500042.	Difference---	(3-1-1)	-21	-.5	-38
Herd Owner, Theodore Wilde, Thiensville.					
HERO OF DAISY MAY 316790----------	10 daughters-	10	6,669	4.6	307
Born, 8-13-41; proved, 3-16-50; dead; Mo.	10 dams------	25	6,740	4.5	303
Sire, 284534; dam, 620403.	Difference---	(5-6-5)	-71	+.1	+4
Herd Owner, Herbert Dinger & Son, Kahoka.					
IDYLBROOK CARIB'S SQUAWLOCK 346295----------	12 daughters-	14	8,187	4.8	394
Born, 8-4-43; proved, 3-29-50; alive; N. Y.	10 daughters-	11	8,469	4.7	400
Sire, 170611; dam, 448002.	10 dams------	40	8,761	4.9	425
Herd Owner, Great Gully Farm, Union Springs.	Difference---	(4-6-3)	-292	-.2	-25
IRADORE'S RED BOY 353133----------	9 daughters--	11	8,483	4.8	404
Born, 4-6-43; proved, 3-21-50;----; Wash.	5 daughters--	5	9,344	4.7	443
Sire, 220022; dam, 701996.	5 dams-------	13	9,694	4.5	434
Herd Owner, Thomas M. Sather, Bellingham.	Difference---	(2-3-2)	-350	+.2	+9
KENFLEUR'S GOLDEN ALERT 320626----------	7 daughters--	8	8,771	5.4	471
Born, 5-7-42; proved, 3-15-50;----; Ind.	6 daughters--	7	8,322	5.5	457
Sire, 269363; dam, 680197.	6 dams-------	15	7,910	4.9	391
Herd Owner, Dr. & Mrs. R. A. Craig, Kokomo.	Difference---	(3-5-5)	+412	+.6	+66
KITCHENER MAJOR 345047----------	6 daughters--	6	6,315	5.6	351
Born, 12-23-43; proved, 3-17-50;----; Wis.	5 daughters--	5	6,371	5.6	354
Sire, 293923; dam, 683470.	5 dams-------	9	7,439	4.9	368
Herd Owner, Orlin P. Craig, Mukwonago.	Difference---	(1-5-1)	-1,068	+.7	-14
LAND O CANAAN MAX 366083----------	8 daughters--	9	10,217	4.5	456
Born, 9-21-43; proved, 3-17-50;----; Iowa.	6 daughters--	6	10,658	4.4	473
Sire, 329032; dam, 595775.	6 dams-------	10	8,854	4.8	422
Herd Owner, V. B. Totemier, Winfield.	Difference---	(4-1-5)	+1,804	-.4	+51
LANGWATER FORWARD 252898----------	11 daughters-	14	8,629	4.4	378
Born, 9-26-36; proved, 3-7-50; alive; Ind.	7 daughters--	8	8,849	4.4	386
Sire, 200171; dam, 424728.	7 dams-------	11	8,215	5.1	419
Herd Owner, Rea Riggins & Sons, Inc., Muncie.	Difference---	(5-0-4)	+634	-.7	-33
LANGWATER GOODMAN 336835----------	9 daughters--	11	8,391	4.8	400
Born, 4-21-43; proved, 3-20-50;----; Pa.	7 daughters--	9	8,146	4.7	386
Sire, 252897; dam, 657884.	7 dams-------	19	9,304	4.9	451
Herd Owner, Flying Hill Farms, Reading.	Difference---	(1-4-1)	-1,158	-.2	-65
MAJOR GRANT MODEL 299599----------	19 daughters-	27	7,105	5.1	360
Born, 10-22-40; proved, 3-20-50;----; Pa.	5 daughters--	6	6,324	4.8	305
Sire, 259566; dam, 518114.	5 dams-------	8	6,923	4.7	323
Herd Owner, R. L. Harpster, Spruce Creek.	Difference---	(3-3-3)	-599	+.1	-18
MAXIM PEGGIE'S BOY 335041----------	6 daughters--	7	7,221	4.8	347
Born, 2-4-43; proved, 3-21-50;----; Va.	6 dams-------	24	7,605	4.5	344
Sire, 282483; dam, 446628.	Difference---	(2-5-3)	-384	+.3	+3
Herd Owner, Whippernock Farm, Sutherland.					
MAYWOOD PAT 234909----------	16 daughters-	40	8,495	4.6	394
Born, 2-4-36; proved, 3-20-50;----; Pa.	13 daughters-	35	8,930	4.6	411
Sire, 204887; dam, 313829.	13 dams------	37	8,775	4.9	432
Herd Owner, Alvin C. Sutliff, Benton.	Difference---	(6-4-6)	+155	-.3	-21
MCDONALD FARMS BUTTERFAT 246153----------	11 daughters-	21	7,278	4.7	344
Born, 4-11-36; proved, 3-22-50; dead; Wash.	6 daughters--	12	8,033	4.7	378
Sire, 192478; dam, 381986.	6 dams-------	12	7,941	4.3	341
Herd Owner, W. A. Layne, Sedro Woolley.	Difference---	(4-6-5)	+92	+.4	+37
MCDONALD FARMS FAWN LORD 314839----------	11 daughters-	13	6,996	4.9	346
Born, 4-13-40; proved, 3-20-50;----; Pa.	5 daughters--	7	7,413	5.2	384
Sire, 212227; dam, 190174.	5 dams-------	15	8,775	4.9	432
Herd Owner, M. J. Grimes Estate, Catawissa.	Difference---	(1-4-2)	-1,362	+.3	-48
MCDONALD FARMS INHERITOR 353834----------	8 daughters--	9	9,581	5.6	538
Born, 8-27-43; proved, 3-22-50; alive; Md.	5 daughters--	6	9,624	5.6	544
Sire, 262516; dam, 583072.	5 dams-------	14	8,720	5.0	432
Herd Owner, Charles F. & Juliet G. Smith, Union Bridge.	Difference---	(4-5-5)	+904	+.6	+112
MOUND CITY MONARCH 245044----------	9 daughters--	19	7,314	4.9	357
Born, 12-30-35; proved, 3-14-50; dead; Ill.	5 daughters--	12	7,063	5.1	358
Sire, 186307; dam, 364379.	5 dams-------	14	6,865	4.8	333
Herd Owner, Henlopen Farm, Elgin.	Difference---	(4-5-4)	+198	+.3	+25
NELAN'S CRESANT'S EUREKA 350205----------	5 daughters--	8	6,066	5.0	305
Born, 8-10-41; proved, 3-17-50;----; Pa.	5 dams-------	15	7,145	4.9	348
Sire, 278988; dam, 562224.	Difference---	(1-5-1)	-1,079	+.1	-43
Herd Owner, E. R. Powell & Son, Washington.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
OHIO ROYALIST 265148----------	13 daughters-	13	6,914	4.9	340
Born, 5-15-38; proved, 3-16-50; dead; Ohio.	8 daughters--	8	7,113	4.8	340
Sire, 195050; dam, 302265.	8 dams-------	11	8,115	4.6	376
Herd Owner, W. D. Briggs & Sons, Wadsworth.	Difference---	(1-7-1)	-1,002	+.2	-36
PLEASANT VALLEY BLOSSOM'S REX 356557----------	7 daughters--	9	8,205	5.0	414
Born, 4-17-43; proved, 3-29-50;----; Iowa.	7 dams-------	17	10,152	4.8	490
Sire, 270783; dam, 502382.	Difference---	(1-5-1)	-1,947	+.2	-76
Herd Owner, Harold W. Sawin & Son, Northwood.					
PLOVERLIN PATSY'S PETER 310251----------	9 daughters--	14	7,895	5.1	405
Born, 10-7-40; proved, 3-16-50;----; Wis.	5 daughters--	7	8,368	5.1	429
Sire, 283686; dam, 647043.	5 dams-------	11	7,326	4.7	343
Herd Owner, Roy Burhopp, Marshfield.	Difference---	(3-5-3)	+1,042	+.4	+86
PRINCE ADAIR 234725----------	11 daughters-	30	6,116	5.0	303
Born, 11-14-35; proved, 3-17-50;----; Wis.	5 daughters--	18	6,474	5.0	323
Sire, 201367; dam, 398573.	5 dams-------	5	4,588	4.7	218
Herd Owner, Henry Schneider, Merrill.	Difference---	(3-4-4)	+1,886	+.3	+105
PRINCELING'S KING OF EDEN 255747----------	6 daughters--	12	6,856	4.4	303
Born, 10-25-36; proved, 3-7-50;----; Wis.	5 daughters--	11	6,837	4.4	302
Sire, 154484; dam, 365835.	5 dams-------	9	7,668	4.7	358
Herd Owner, Beirne Brothers, Eden.	Difference---	(2-2-2)	+831	-.3	-56
PROUD CHIEF 355899----------	5 daughters--	6	7,531	5.0	373
Born, 9-4-41; proved, 3-16-50;----; Wis.	5 dams-------	15	7,211	5.0	362
Sire, 245979; dam, 556533.	Difference---	(3-3-2)	+320	.0	+11
Herd Owner, Donald Hardie, Blair.					
P. V. HARLAN'S SQUIRE 346844----------	5 daughters--	8	8,915	4.5	404
Born, 5-29-42; proved, 3-21-50;----; Iowa.	5 dams-------	20	7,802	5.1	401
Sire, 253022; dam, 613013.	Difference---	(4-1-3)	+1,113	-.6	+3
Herd Owner, Vaughn & Hanna, Marion.					
RANGER OF WARE 332443----------	6 daughters--	8	7,191	4.6	334
Born, 1-13-42; proved, 3-9-50;----; Vt.	5 daughters--	6	7,160	4.7	334
Sire, 261244; dam, 159669.	5 dams-------	21	8,247	4.5	375
Herd Owner, Charles L. Reed, Vergennes.	Difference---	(1-5-2)	-1,087	+.2	-41
RED CROSS VALOR'S VICTOR 296732----------	11 daughters-	12	7,995	4.7	378
Born, 2-15-40; proved, 3-20-50; dead; Ky.	7 daughters--	8	8,099	4.7	378
Sire, 259140; dam, 608240.	7 dams-------	7	5,792	4.4	256
Herd Owner, Mike Ebelhar & Sons, Owensboro.	Difference---	(6-5-6)	+2,307	+.3	+122
RIVEREDGE VALDOR 299144----------	8 daughters--	11	8,189	4.7	388
Born, 10-23-40; proved, 3-20-50;----; Pa.	5 daughters--	6	8,075	4.7	377
Sire, 252899; dam, 475570.	5 dams-------	15	8,372	4.8	399
Herd Owner, V. S. & F. M. Shelley, Perkasie.	Difference---	(2-2-3)	-297	-.1	-22
RIVER RANCH IDA'S CAVALIER 267567----------	5 daughters--	5	6,862	4.8	331
Born, 5-21-38; proved, 3-7-50; dead; Calif.	5 dams-------	13	7,507	4.5	339
Sire, 187619; dam, 260427.	Difference---	(1-5-2)	-645	+.3	-8
Herd Owner, Robbins Ranch, Sacramento.					
ROSE'S GOLD BOND 296127----------	18 daughters-	29	8,499	4.9	413
Born, 7-5-40; proved, 3-20-50;----; Pa.	18 dams------	45	8,221	4.8	396
Sire, 257353; dam, 637025.	Difference---	(11-12-11)	+278	+.1	+17
Herd Owner, Walter R. Hibberd, Jr., Birchrunville.					
ROSEWALD ROYAL DUKE 294935----------	7 daughters--	10	8,311	4.7	388
Born, 9-15-40; proved, 3-16-50;----; N. H.	7 dams-------	16	6,472	5.1	333
Sire, 219182; dam, 550228.	Difference---	(5-1-5)	+1,839	-.4	+55
Herd Owner, Royal W. Smith, Laconia.					
ROYAL HOPE'S RANGER 321438----------	10 daughters-	12	7,387	4.4	323
Born, 3-22-42; proved, 3-20-50;----; Pa.	7 daughters--	8	7,447	4.4	327
Sire, 265650; dam, 496356.	7 dams-------	14	7,894	4.4	348
Herd Owner, Robert H. Davis, Friendsville.	Difference---	(3-4-4)	-447	.0	-21
ROYAL MASTERFUL OF HILLSIDE 278976----------	16 daughters-	50	7,919	4.9	389
Born, 9-3-39; proved, 3-20-50;----; Pa.	11 daughters-	39	7,908	5.0	392
Sire, 207765; dam, 325759.	11 dams------	49	7,523	5.2	390
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(7-4-6)	+385	-.2	+2
SAILOR PRINCE OF ELMETTA 298444----------	9 daughters--	16	6,591	5.0	332
Born, 1-21-40; proved, 3-16-50;----; Mich.	6 daughters--	10	6,650	5.2	345
Sire, 250198; dam, 596864.	6 dams-------	15	8,251	4.8	398
Herd Owner, Ben L. Chambers, Erie.	Difference---	(1-4-2)	-1,601	+.4	-53
SQUIRE MINNIE'S RAIDER 384452----------	5 daughters--	5	9,259	5.0	467
Born, 12-26-43; proved, 3-21-50; alive; Minn.	5 dams-------	13	8,684	4.4	382
Sire, 284276; dam, 623530.	Difference---	(4-5-5)	+575	+.6	+85
Herd Owner, Harold Kjorstad, Glenwood.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Fat test	Fat
	Number	Number	Pounds	Percent	Pounds
SUN-BLEST FARMS PRIDE 365275----------	5 daughters--	5	6,723	5.1	340
Born, 6-28-44; proved, 3-16-50;----; Ohio.	5 dams-------	13	7,145	5.1	364
Sire, 309290; dam, 686751.	Difference---	(2-3-2)	-422	.0	-24
Herd Owner, Ben Powell, Coldwater.					
SUNSET GLOW DELUX 337693----------	6 daughters--	9	9,136	5.1	463
Born, 7-17-42; proved, 3-16-50;----; Ill.	5 daughters--	7	9,368	5.0	469
Sire, 280743; dam, 440712.	5 dams-------	8	8,728	4.9	425
Herd Owner, Louis & Arnold Oestmann, Hinsdale.	Difference---	(3-3-4)	+640	+.1	+44
VAGABOND'S ECHO 346178----------	6 daughters--	6	9,051	4.4	402
Born, 1-14-44; proved, 3-16-50;----; Pa.	6 dams-------	13	9,762	4.9	481
Sire, 231275; dam, 687922.	Difference---	(3-1-1)	-711	-.5	-79
Herd Owner, J. H. Bradshaw, Jr., Lahaska.					
VALLEY PRIDE'S EDDIE 352210----------	9 daughters--	9	8,372	4.7	390
Born, 2-23-44; proved, 3-16-50; dead; Wash.	7 daughters--	7	8,549	4.7	401
Sire, 251892; dam, 719589.	7 dams-------	26	9,097	4.6	419
Used in Evergreen A. B. A.	Difference---	(3-4-3)	-548	+.1	-18
WHITEASH KODAN 197222----------	8 daughters--	12	7,247	4.9	358
Born, 1-7-29; proved, 3-29-50; dead; Wis.	5 daughters--	6	7,368	4.9	363
Sire, 156603; dam, 255852.	5 dams-------	11	8,572	4.8	408
Herd Owner, Erwin Pflughoeft, Algoma.	Difference---	(1-3-1)	-1,204	+.1	-45
WONDER'S PREMIER OF SMITHDALE 261062----------	11 daughters-	20	6,955	5.0	345
Born, 4-2-37; proved, 3-22-50;----; Iowa.	7 daughters--	13	7,081	4.9	348
Sire, 212365; dam, 191469.	7 dams-------	18	6,961	5.1	353
Herd Owner, Mrs. Marie Smith, Humeston.	Difference---	(3-2-3)	+120	-.2	-5
35-B7078 (DHIA EARTAG)----------	8 daughters--	8	7,164	4.9	352
Born, ----; proved, 3-10-50;----; Wis.	8 dams-------	26	6,695	4.8	324
Sire, ----; dam, ----.	Difference---	(6-6-6)	+469	+.1	+28
Herd Owner, William H. Freeman, Sparta.					

HOLSTEIN SIRES

ADMIRAL BOAST SEGIS KENT 797383 *12----------	20 daughters-	47	13,145	3.4	445
Born, 12-15-39; proved, 3-31-50;----; W. Va.	20 dams------	51	10,474	3.5	363
Sire, 611511; dam, 1804561.	Difference---	(16-11-16)	+2,671	-.1	+82
Herd Owner, S. M. & Amos Combs, Lewisburg.					
ALBUS FARM BESSIE VALE 765197----------	6 daughters--	10	9,845	3.5	342
Born, 1-3-38; proved, 3-7-50;----; Ohio.	5 daughters--	8	10,111	3.4	346
Sire, 727548; dam, 1842713.	5 dams-------	11	11,349	3.0	343
Herd Owner, W. B. Davis & Son, Kinsman.	Difference---	(1-5-4)	-1,238	+.4	+3
ALVERNO NETHERLAND FOBES CREATOR 817590----------	7 daughters--	14	8,913	3.3	293
Born, 12-26-40; proved, 3-30-50;----; Wis.	7 dams-------	37	10,210	3.5	356
Sire, 784503; dam, 1928605.	Difference---	(3-1-1)	-1,297	-.2	-63
Herd Owner, Mrs. Reinhold Clusen & Son, Manitowoc.					
BELL FARM HOMESTEAD SIR PIEBE 764035----------	9 daughters--	24	10,859	3.2	352
Born, 11-26-37; proved, 3-16-50;----; Pa.	7 daughters--	18	11,040	3.2	353
Sire, 671568; dam, 1590242.	7 dams-------	18	11,997	3.1	377
Herd Owner, Krezanosky Brothers, Rea.	Difference---	(2-4-3)	-957	+.1	-24
BILLY ABBEKERK POSCH 904019----------	6 daughters--	11	12,142	3.7	448
Born, 2-19-44; proved, 3-9-50;----; Kans.	6 dams-------	17	11,720	3.7	429
Sire, 850194; dam, 2356039.	Difference---	(4-5-4)	+422	.0	+19
Herd Owner, Joe Gillilian & Sons, Republic.					
BORDER PAT NETHERLAND 925494----------	5 daughters--	5	12,707	3.6	451
Born, 8-27-44; proved, 3-21-50; alive; Ariz.	5 dams-------	18	12,286	3.5	431
Sire, 779842; dam, 1752455.	Difference---	(2-3-3)	+421	+.1	+20
Herd Owner, Mrs. Elizabeth Homrighausen, Phoenix.					
BRADCO CRAFTSMAN ORMSBY HILA (TWIN) 761078----------	15 daughters-	31	12,113	3.6	433
Born, 6-17-37; proved, 3-16-50;----; Pa.	6 daughters--	9	12,394	3.7	454
Sire, 713668; dam, 1247192.	6 dams-------	20	12,642	3.6	459
Herd Owner, Burdette Mase, Liberty.	Difference---	(2-2-2)	-248	+.1	-5
BUTTER BOY CREATOR EFRANT 787001----------	6 daughters--	12	12,108	3.2	392
Born, 10-2-39; proved, 3-10-50;----; Mich.	5 daughters--	11	12,479	3.3	407
Sire, 732741; dam, 1600943.	5 dams-------	8	11,526	3.7	432
Herd Owner, Lafer Farms, Oxford.	Difference---	(3-0-2)	+953	-.4	-25
CARNATION CONCENTRATOR 781861----------	6 daughters--	9	13,155	3.7	483
Born, 5-22-39; proved, 3-20-50; alive; Nebr.	5 daughters--	5	12,851	3.8	486
Sire, 748645; dam, 1883796.	5 dams-------	10	12,081	3.7	445
Herd Owner, Merle H. Severe, Palmyra.	Difference---	(3-4-3)	+770	+.1	+41

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CARNATION DIRECTOR IMPERIAL 786322----------	5 daughters--	9	12,088	3.4	405
Born, 12-12-39; proved, 3-10-50;----; Utah.	5 dams-------	17	11,274	3.5	391
Sire, 748645; dam, 1972621.	Difference---	(3-1-4)	+814	-.1	+14
Herd Owner, Ross H. Gordon, Smithfield.					
CARNATION HAZELWOOD SEGIS MODEL 786324----------	13 daughters-	19	12,468	3.5	430
Born, 12-16-39; proved, 3-10-50;----; Iowa.	8 daughters--	11	13,461	3.5	476
Sire, 629480; dam, 1165200.	8 dams-------	25	11,836	3.6	423
Used in Northern Iowa Co-op. A. B. A.	Difference---	(7-3-6)	+1,625	-.1	+53
CARNATION SPOFFORD RENOWN 849688 *13----------	18 daughters-	37	11,745	3.6	420
Born, 1-20-42; proved, 3-31-50; alive; Colo.	18 dams------	79	12,298	3.7	457
Sire, 771562; dam, 1972623.	Difference---	(8-5-2)	-553	-.1	-37
Herd Owner, Myron Stratton Home, Colorado Springs.					
CLEM-WALS VELVET LOVELY 811741----------	5 daughters--	8	11,022	3.6	391
Born, 3-7-40; proved, 3-22-50;----; Pa.	5 dams-------	16	11,663	3.4	393
Sire, 687591; dam, 2007299.	Difference---	(2-4-3)	-641	+.2	-2
Herd Owner, J. Russell Hicks, Westchester.					
CLOVERCOURT CARNATION CORA DESIGN 815048----------	7 daughters--	7	12,026	3.5	421
Born, 9-29-40; proved, 3-31-50; dead; N. Y.	6 daughters--	6	11,983	3.4	413
Sire, 771575; dam, 1888764.	6 dams-------	10	9,622	3.4	330
Herd Owner, Graham Jackson, Beerston.	Difference---	(6-4-6)	+2,361	.0	-83
CLOVER LAWN INKA SIR HEILO 848806----------	9 daughters--	11	13,175	3.4	448
Born, 3-17-42; proved, 3-21-50; dead; Wis.	9 dams------	48	12,851	3.3	427
Sire, 755247; dam, 2118423.	Difference---	(5-7-5)	+324	+.1	+21
Herd Owner, Gerhard D. Seefeldt, Theresa.					
CLOVE VALLEY NELLIE BOY 794817----------	10 daughters-	10	8,472	3.5	298
Born, 5-11-40; proved, 3-9-50; dead; N. Y.	8 daughters--	8	8,453	3.5	297
Sire, 764576; dam, 1873376.	8 dams-------	19	9,755	3.7	358
Herd Owner, Lynn Bookhout, Roxbury.	Difference---	(1-2-2)	-1,302	-.2	-61
CONEWANGO ONA WAYNE FOREMAN 746356----------	7 daughters--	9	9,684	3.4	327
Born, 8-3-37; proved, 3-15-50;----; Pa.	5 daughters--	7	9,257	3.4	311
Sire, 682749; dam, 1636600.	5 dams-------	5	9,274	3.6	336
Herd Owner, Elmer Anderson, Ridgway.	Difference---	(3-2-1)	-17	-.2	-25
CORNELL BLEND ORMSBY 789785----------	8 daughters--	19	13,980	3.3	466
Born, 7-3-39; proved, 3-9-50;----; Pa.	6 daughters--	14	14,289	3.4	487
Sire, 722643; dam, 1938838.	6 dams-------	20	12,953	3.4	444
Herd Owner, William Inscho, Mansfield.	Difference---	(4-3-3)	+1,336	.0	+43
CRESTON BLACK RUBY CREAMELLE 818629----------	9 daughters--	12	12,279	3.3	407
Born, 3-1-41; proved, 3-31-50;----; Mich.	5 daughters--	7	13,195	3.4	443
Sire, 760321; dam, 2099505.	5 dams-------	11	12,319	3.4	422
Herd Owner, De Witt Steinacker, Fowlerville.	Difference---	(4-2-3)	+876	.0	+21
DANDY FORWARD TWEEDE 842702----------	7 daughters--	7	10,284	3.3	344
Born, 12-1-41; proved, 3-31-50; dead; N. J.	6 daughters--	6	10,211	3.4	343
Sire, 763922; dam, 1849116.	6 dams-------	22	10,893	3.5	377
Herd Owner, State School, Vineland.	Difference---	(1-2-1)	-682	-.1	-34
DASHER POSCH 846783----------	12 daughters-	16	12,992	3.6	472
Born, 3-3-42; proved, 3-21-50; dead; N. Y.	5 daughters--	7	12,425	3.8	468
Sire, 783136; dam, 2034546.	5 dams-------	9	14,043	3.6	501
Herd Owner, Cyrus Hartwell, Sherburne.	Difference---	(2-3-2)	-1,618	+.2	-33
DENTON GREAT SIR FAYNE 2D 780725----------	12 daughters-	29	11,831	4.2	500
Born, 10-2-38; proved, 3-7-50;----; Va.	5 daughters--	12	12,880	4.0	515
Sire, 660976; dam, 1884573.	5 dams-------	12	13,986	4.0	555
Herd Owner, Otto Kelley, Bluemont.	Difference---	(1-4-3)	-1,106	.0	-40
DUKE HISKE INKA BELLE 21ST 912856----------	7 daughters--	7	14,165	3.6	512
Born, 6-2-44; proved, 3-17-50; alive; Calif.	7 dams-------	27	13,223	3.5	466
Sire, 783499; dam, 1822686.	Difference---	(4-5-6)	+942	+.1	+46
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.					
DUNLOGGIN FON JENITA 825578----------	9 daughters--	15	10,376	3.7	382
Born, 5-21-41; proved, 3-31-50; alive; Md.	8 daughters--	12	10,500	3.7	388
Sire, 751640; dam, 1857467.	8 dams-------	27	10,150	3.5	356
Herd Owner, Montrose School for Girls, Reisterstown.	Difference---	(5-5-6)	+350	+.2	+32
FERNDELL PIETERTJE SEGIS 816490----------	11 daughters-	16	12,341	3.5	426
Born, 9-1-40; proved, 3-30-50;----; Ill.	5 daughters--	7	11,939	3.4	409
Sire, 738308; dam, 1642865.	5 dams-------	7	12,365	3.4	425
Herd Owner, Best & Taft, Freeport.	Difference---	(2-2-2)	-426	.0	-16
FIVE-PLY-CHIEF-PRIDE DI-GERB-COLAN 856246----------	26 daughters-	56	13,051	3.6	476
Born, 3-23-42; proved, 3-31-50; dead; Md.	19 daughters-	42	13,541	3.5	476
Sire, 738441; dam, 2141758.	19 dams------	65	12,469	3.4	423
Herd Owner, Ray H. Smith, Frederick.	Difference---	(11-13-15)	+1,072	+.1	+53

HOLSTEIN COWS	[illegible]	[illegible]	[illegible]	Test	[illegible]
	Number	Number	Pounds	Percent	Pounds
FULTONA ORMSBY KING DELLA (TWIN) 761[illegible]	12 daughters-	12	11,202	3.4	[illegible]
Born, [illegible]-14-38; proved, [illegible]-13-50; dead, Ohio.	7 daughters--	7	11,049	3.3	[illegible]
Sire, 688360; dam, 1[illegible].	7 dams-------	11	11,819	3.5	415
Herd Owner, Marsh Foundation, Van Wert.	Difference---	(4-1-3)	-770	-.2	-48
GEHMAN FARM DEFENDER 829091	5 daughters--	7	12,759	3.4	437
Born, 2-7-40; proved, 3-30-50;----; Pa.	5 dams-------	13	11,598	3.4	395
Sire, 772533; dam, 2032544.	Difference---	(3-2-4)	+1,161	.0	+42
Herd Owner, Gehman Dairy Farms, Inc., Macungie.					
GLENHOPE PRIDE OF THE NORTH 790249	6 daughters--	6	9,850	3.5	343
Born, 9-5-39; proved, 3-31-50;----; Wis.	6 dams-------	9	10,923	3.4	370
Sire, 768963; dam, 1872221.	Difference---	(2-4-2)	-1,073	+.1	-27
Herd Owner, Stuart Dodd, Evansville.					
GREEN HILL MAJOR MONCADE 828087	12 daughters-	18	9,366	3.6	334
Born, 2-21-41; proved, 3-22-50;----; Pa.	11 daughters-	16	9,322	3.6	334
Sire, 704747; dam, 1789968.	11 dams------	33	11,470	3.4	384
Herd Owner, Weyhill Farms, Bethlehem.	Difference---	(1-9-2)	-2,148	+.2	-50
HALLROSE ADDLER 827394	7 daughters--	9	13,979	3.4	474
Born, 7-15-41; proved, 3-17-50;----; Wash.	5 daughters--	6	15,125	3.3	503
Sire, 724996; dam, 2025439.	5 dams-------	13	10,261	3.3	340
Herd Owner, Gerhard Bengtson, Mt. Vernon.	Difference---	(5-3-5)	+4,864	.0	+163
HARK TIRANIA MERCEDES 813098	7 daughters--	13	12,267	3.3	408
Born, 11-26-40; proved, 3-29-50;----; Wis.	5 daughters--	11	12,249	3.3	406
Sire, 718045; dam, 1626862.	5 dams-------	9	14,537	3.3	481
Herd Owner, Ernest Nafzger & Son, Juda.	Difference---	(0-2-1)	-2,288	.0	-75
HIGHPATH FAMOUS AD EDENVALE 804447	6 daughters--	7	9,514	3.3	315
Born, 3-24-40; proved, 3-30-50; dead; Minn.	6 dams-------	16	9,680	3.3	318
Sire, 743686; dam, 1874698.	Difference---	(2-3-3)	-166	.0	-3
Herd Owner, Alfred E. Lieske, Henderson.					
HILLSBORO SIR JOHANNA ALICE 782795	10 daughters-	22	9,666	3.7	357
Born, 2-23-39; proved, 3-10-50; dead; N. J.	8 daughters--	19	9,930	3.7	369
Sire, 654594; dam, 1380305.	8 dams-------	17	10,695	3.5	373
Herd Owner, W. Ralph Davis, Woodstown.	Difference---	(4-6-5)	-765	+.2	-4
HOUWTJE PRINCE ORMSBY 688334	8 daughters--	10	11,490	3.4	390
Born, 1-17-33; proved, 3-9-50; dead; N. C.	6 daughters--	8	11,453	3.4	390
Sire, 612646; dam, 1479091.	6 dams-------	7	9,546	3.2	309
Herd Owner, Children's Home Dairy, Winston-Salem.	Difference---	(5-5-6)	+1,907	+.2	+81
ILEHAMWOOD SIR ORMSBY CHIEF 816544	10 daughters-	12	12,084	3.7	451
Born, 7-21-40; proved, 3-29-50;----; Ill.	8 daughters--	10	12,014	3.8	456
Sire, 736464; dam, 1805808.	8 dams-------	26	11,531	3.5	400
Herd Owner, Milton Hitz, Highland.	Difference---	(6-8-7)	+483	+.3	+56
INDIANA PROSPECTOR FERDINAND 770839	7 daughters--	8	10,207	3.6	363
Born, 2-13-38; proved, 3-29-50;----; Ind.	5 daughters--	6	10,353	3.4	349
Sire, 729987; dam, 1813539.	5 dams-------	21	10,716	3.5	370
Used in Indiana State Inst. A. B. A.	Difference---	(2-3-2)	-363	-.1	-21
INTERMOUNTAIN GOVERNOR CORRECTOR 843661	8 daughters--	8	11,794	3.6	419
Born, 2-1-42; proved, 3-30-50; dead; Idaho.	8 dams-------	25	13,750	3.2	447
Sire, 764749; dam, 1799656.	Difference---	(1-8-2)	-1,956	+.4	-28
Herd Owner, Aloys Schuler, Nampa.					
IONIA K B K O FAYNE ONA ORMSBY 837113	12 daughters-	13	13,077	3.5	452
Born, 8-20-41; proved, 3-7-50;----; Mich.	6 daughters--	6	12,988	3.4	448
Sire, 574194; dam, 1566607.	6 dams-------	14	9,988	3.4	341
Herd Owner, Prieks Brothers, St. Clair.	Difference---	(4-3-5)	+3,000	.0	+107
IOWANA RACHEL KING 790807	6 daughters--	12	10,149	3.7	379
Born, 9-16-39; proved, 3-31-50;----; Iowa.	5 daughters--	9	9,908	3.8	372
Sire, 752127; dam, 1894749.	5 dams-------	10	12,795	3.3	424
Herd Owner, Robert Boening & Son, St. Ansgar.	Difference---	(0-4-2)	-2,887	+.5	-52
JEWEL FARM WINTERTHUR FOBES 838998	7 daughters--	11	10,146	3.4	340
Born, 10-17-41; proved, 3-31-50;----; Pa.	5 daughters--	8	10,001	3.3	332
Sire, 798832; dam, 2159131.	5 dams-------	16	11,358	3.6	413
Herd Owner, Penn Heits Farm, Springville.	Difference---	(1-0-1)	-1,357	-.3	-81
KELCO CHAMPION ORMSBY KING (TWIN) 818517	8 daughters--	12	11,822	3.6	420
Born, 1-14-41; proved, 3-31-50;----; Pa.	5 daughters--	9	12,368	3.6	441
Sire, 760725; dam, 1715675.	5 dams-------	12	12,599	3.3	414
Herd Owner, Ivan Kinnan, Middlebury Center.	Difference---	(2-5-4)	-231	+.3	+27
KING DIXIE BESSIE HAZELWOOD 26TH (TWIN) 813024	5 daughters--	8	10,481	3.1	329
Born, 4-4-40; proved, 3-31-50; dead; Wis.	5 dams-------	16	10,616	3.6	384
Sire, 746585; dam, 1244324.	Difference---	(2-0-1)	-135	-.5	-55
Herd Owner, Winnebago County Asylum, Winnebago.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING FOBES SEGIS KORNDYKE 788623----------	7 daughters--	11	13,740	3.5	478
Born, 12-16-38; proved, 3-13-50;----; Mich.	7 dams-------	12	12,558	3.6	452
Sire, 713555; dam, 1709351.	Difference---	(5-3-5)	+1,182	-.1	+26
Herd Owner, A. F. Rueckart & Son, Grand Ledge.					
KING FRECKLES ORMSBY OF SCAMBLER 781782----------	6 daughters--	6	14,869	3.6	533
Born, 10-6-38; proved, 3-13-50; dead; Minn.	6 dams-------	12	11,004	3.4	377
Sire, 660825; dam, 1467656.	Difference---	(5-5-5)	+3,865	+.2	+156
Herd Owner, M. A. Tabbut & Sons, Pelican Rapids.					
KING MIDAS 806254----------	8 daughters--	10	11,579	3.8	438
Born, 5-9-40; proved, 3-31-50;----; Wis.	7 daughters--	9	11,650	3.8	439
Sire, 706703; dam, 1509053.	7 dams-------	16	12,104	3.8	455
Herd Owner, Harry Schnell & Son, Hilbert.	Difference---	(4-3-4)	-454	.0	-16
KING SWEET AIDA SENSATION 787570----------	24 daughters-	45	9,786	3.5	345
Born, 10-2-39; proved, 3-15-50;----; Pa.	6 daughters--	12	9,161	3.5	322
Sire, 738683; dam, 1592259.	6 dams-------	14	10,354	3.1	324
Herd Owner, Glenn N. Carter, McDonald.	Difference---	(3-6-3)	-1,193	+.4	-2
LARRIETTA ARISTOCRACY 778470----------	12 daughters-	13	10,902	3.5	382
Born, 11-6-38; proved, 3-21-50;----; Wis.	8 daughters--	8	10,978	3.7	402
Sire, 99738 CHB; dam, 1975040.	8 dams-------	33	12,041	3.7	440
Used in East Central Co-op. A. B. A.	Difference---	(3-5-4)	-1,063	.0	-38
LAUXMONT ADMIRAL SECURITY 751850----------	6 daughters--	7	9,997	3.3	332
Born, 9-6-37; proved, 3-15-50;----; Wis.	6 dams-------	21	9,824	3.3	321
Sire, 696612; dam, 1733896.	Difference---	(4-3-3)	+173	.0	+11
Herd Owner, Forrest Gunderson, Oconomowoc.					
LETCHWORTH CREAMELLE 778800----------	29 daughters-	57	13,508	3.4	453
Born, 5-10-37; proved, 3-10-50; dead; N. Y.	7 daughters--	12	12,210	3.4	412
Sire, 691278; dam, 1114386.	7 dams-------	15	10,758	3.4	368
Herd Owner, New York State Vocational Institute, West Coxsackie.	Difference---	(6-5-6)	+1,452	.0	+44
LINDSAYS INKA WIMBLEDON 776079----------	7 daughters--	10	12,908	3.5	450
Born, 11-6-38; proved, 3-16-50; dead; N. C.	5 daughters--	7	13,236	3.4	454
Sire, 702394; dam, 1601386.	5 dams-------	8	12,223	3.4	418
Herd Owner, Baptist Orphanage of North Carolina, Lexington.	Difference---	(3-3-4)	+1,013	.0	+36
LOU-IDA OLIVA MAN-O-WAR 769799----------	7 daughters--	8	9,573	3.3	318
Born, 9-10-38; proved, 3-16-50; dead; Ohio.	5 daughters--	6	9,434	3.3	308
Sire, 722078; dam, 1835994.	5 dams-------	12	10,938	3.3	360
Herd Owner, Thad L. Sunbury & Son, Farmdale.	Difference---	(0-2-1)	-1,504	.0	-52
MARMOR FLORA MAUDESS PRIDE 826673----------	7 daughters--	12	11,345	3.8	434
Born, 6-15-39; proved, 3-30-50;----; Ind.	7 dams-------	21	12,098	3.6	433
Sire, 763475; dam, 1641181.	Difference---	(3-6-2)	-753	+.2	+1
Herd Owner, Gerald McCarty, Kentland.					
MARMOR MEAD PRILLY 720371----------	8 daughters--	9	11,680	3.5	409
Born, 2-24-35; proved, 3-7-50;----; Ind.	5 daughters--	6	10,940	3.5	379
Sire, 513999; dam, 1346483.	5 dams-------	10	12,962	3.6	468
Herd Owner, Ernest Hiigli, Union Mills.	Difference---	(1-0-1)	-2,022	-.1	-89
MARODA PIETERTJE ORMSBY 909214----------	8 daughters--	9	13,801	3.5	479
Born, 12-19-43; proved, 3-13-50;----; Iowa.	7 daughters--	7	13,644	3.5	476
Sire, 734362; dam, 2491506.	7 dams-------	16	9,437	3.8	358
Herd Owner, Omer J. & Russell Yoder, Parnell.	Difference---	(7-1-7)	+4,207	-.3	+118
METERKORD SIR TRIUNE PAULINE 765087----------	14 daughters-	17	12,599	3.8	480
Born, 11-1-38; proved, 3-9-50; alive; Nebr.	12 daughters-	13	12,606	3.9	488
Sire, 600230; dam, 1884487.	12 dams------	16	13,466	3.5	472
Herd Owner, Herschel Flower, Fairbury.	Difference---	(5-11-7)	-860	+.4	+16
METERKORD TRIUNE BEAUTY DIXIE 789865----------	9 daughters--	16	13,030	3.7	482
Born, 10-15-39; proved, 3-10-50;----; Kans.	6 daughters--	12	13,045	3.7	486
Sire, 600230; dam, 1855053.	6 dams-------	13	12,263	3.6	438
Herd Owner, Harry Luther Shetlar, Conway Springs.	Difference---	(4-4-5)	+782	+.1	+48
MOKWA FEMCO QUALITY 848258 *(May 1949)----------	9 daughters--	12	12,710	3.4	434
Born, 5-21-42; proved, 3-9-50; dead; Minn.	9 dams-------	15	12,346	3.4	418
Sire, 768828; dam, 2139397.	Difference---	(7-5-6)	+364	.0	+16
Used in Land O'Lakes Creameries, Inc. (A. B. A.).					
MONTVIC RAG APPLE NOBLEMAN 943887----------	10 daughters-	13	14,450	3.6	519
Born, 3-26-39; proved, 3-17-50;----; Mass.	6 daughters--	6	15,516	3.6	566
Sire, 115346 CHB; dam, 2350027.	6 dams-------	25	12,298	3.5	426
Herd Owner, Mt. Hope Dairy, Taunton.	Difference---	(6-6-6)	+3,218	+.1	+140
NEMAHA BURKE ORMSBY BEETS 779394----------	6 daughters--	13	13,013	3.4	446
Born, 10-7-38; proved, 3-7-50;----; Kans.	5 daughters--	12	13,432	3.5	468
Sire, 673401; dam, 1452113.	5 dams-------	16	13,485	3.7	498
Herd Owner, Mrs. H. D. Burger & Son, Seneca.	Difference---	(3-1-2)	-53	-.2	-30

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
NITTANYVALE HERO LADY ROE 843606	7 daughters--	11	11,065	3.6	399
Born, 11-28-41; proved, 3-31-50;----; Pa.	5 daughters--	9	11,587	3.6	416
Sire, 698505; dam, 1901577.	5 dams-------	12	14,267	3.5	503
Herd Owner, Pennsylvania Industrial School, Camp Hill.	Difference---	(0-4-1)	-2,680	+.1	-87
N J E S CHIEF SENSATION ESPOIR 715513	5 daughters--	12	9,513	3.6	342
Born, 5-19-35; proved, 3-15-50;----; Vt.	5 dams-------	16	10,049	3.7	368
Sire, 675841; dam, 1508254.	Difference---	(3-3-3)	-536	-.1	-26
Used in Vermont Co-op. A. B. A., Inc.					
N J E S EMINENT EVA KERMIT 829230	9 daughters--	10	10,671	3.6	385
Born, 6-8-41; proved, 3-30-50;----; N. J.	9 dams-------	38	10,912	3.6	398
Sire, 726056; dam, 1846315.	Difference---	(4-4-4)	-241	.0	-13
Herd Owner, Robert P. Duffield, Mullica Hill.					
NORTH STAR BRIGADIER 781834	28 daughters-	44	10,783	3.6	393
Born, 4-13-39; proved, 3-17-50; dead; Minn.	10 daughters-	15	10,843	3.7	402
Sire, 742938; dam, 1428407.	10 dams------	16	10,840	3.7	398
Herd Owner, Donald Carroll, Rosemount.	Difference---	(5-6-4)	+3	.0	+4
NORTH STAR SIR OLIVER 841265	8 daughters--	12	12,911	3.6	461
Born, 12-28-41; proved, 3-23-50; dead; Minn.	6 daughters--	9	13,897	3.6	497
Sire, 742938; dam, 1877101.	6 dams-------	16	13,415	3.5	467
Herd Owner, Emil T. Shelley & Son, Hanska.	Difference---	(4-5-4)	+482	+.1	+30
NORTH STAR TORO TRIXY 841264	13 daughters-	21	11,763	3.4	395
Born, 10-27-41; proved, 3-23-50; dead; Minn.	8 daughters--	12	11,882	3.4	400
Sire, 742938; dam, 1942437.	8 dams-------	12	12,994	3.3	434
Herd Owner, Herman Jepson & Sons, Owatonna.	Difference---	(3-6-3)	-1,112	+.1	-34
OAK BEND KING BESS PERFECTION 808860 *11	209 daughters	307	12,901	3.6	463
Born, 9-12-39; proved, 3-8-50; alive; Ill.	150 daughters	233	12,995	3.6	468
Sire, 760346; dam, 1643153.	150 dams-----	494	12,127	3.6	437
Used in Northern Illinois Co-op. A. B. A.	Difference---	(90-88-94)	+868	.0	+31
OBEAR SIR INKA BESS 827881	7 daughters--	13	10,729	3.3	350
Born, 11-8-39; proved, 3-30-50;----; Wis.	6 daughters--	11	10,474	3.3	340
Sire, 752869; dam, 1960196.	6 dams-------	14	10,668	3.5	369
Herd Owner, Elmer Sterr, Loyal.	Difference---	(2-1-2)	-194	-.2	-29
ORMSBY GOLDENROD JEWEL LAD 783230	5 daughters--	10	11,009	3.4	371
Born, 10-7-39; proved, 3-7-50;----; Wis.	5 dams-------	14	11,232	3.5	392
Sire, 734620; dam, 1948317.	Difference---	(3-2-1)	-223	-.1	-21
Herd Owner, Howard Sheldon, Rice Lake.					
ORMSBY JOHANNA FOBES INKA 853516 *13	28 daughters-	46	12,389	3.7	454
Born, 12-29-41; proved, 3-23-50;----; Ind.	26 daughters-	44	12,309	3.7	450
Sire, 738112; dam, 1760888.	26 dams------	86	12,872	3.4	439
Herd Owner, L. Reuben Schwartz & Son, Berne.	Difference---	(9-24-14)	-563	+.3	+11
ORMSBY TRITOMIA SEGIS KORNDYKE 828167	9 daughters--	14	10,545	3.5	370
Born, 9-28-39; proved, 3-23-50; dead; Ky.	9 dams-------	32	11,250	3.5	389
Sire, 722696; dam, 1730347.	Difference---	(5-7-5)	-705	.0	-19
Herd Owner, H. B. Odor, Williamstown.					
PABST BARTA GOLD 845341 *13	26 daughters-	33	12,293	3.5	433
Born, 2-26-42; proved, 3-17-50; dead; N. Y.	25 daughters-	32	12,229	3.5	431
Sire, 761980; dam, 1802820.	25 dams------	84	11,479	3.5	404
Herd Owner, Punch Brook Farm, Millerton.	Difference---	(17-16-18)	+750	.0	+27
PABST CASCADER PRIDE 5TH 786031	8 daughters--	13	12,736	3.5	444
Born, 12-3-39; proved, 3-31-50;----; Ill.	6 daughters--	10	12,664	3.4	432
Sire, 730072; dam, 1885017.	6 dams-------	8	13,976	3.5	486
Herd Owner, Alfred E. Meyer, Amboy.	Difference---	(1-4-2)	-1,312	-.1	-54
RAG APPLE DOUBLE 823623	7 daughters--	12	11,763	3.5	414
Born, 3-26-41; proved, 3-29-50;----; Iowa.	7 dams-------	25	11,663	3.8	442
Sire, 773065; dam, 2024287.	Difference---	(4-2-4)	+100	-.3	-28
Herd Owner, Harvey J. Miller, Kalona.					
RAG APPLE MARATHON BURKE 779323	11 daughters-	20	11,241	3.5	393
Born, 9-25-38; proved, 3-15-50;----; Ill.	10 daughters-	19	11,076	3.5	385
Sire, 757566; dam, 1525239.	10 dams------	25	9,384	3.5	327
Herd Owner, Fred B. McConnell & Son, Woodstock.	Difference---	(8-5-9)	+1,692	.0	+58
REGIER POLKADOT TRIUNE KING 859607 *(July 1949)	16 daughters-	22	14,226	3.6	513
Born, 9-7-42; proved, 3-10-50; dead; Kans.	10 daughters-	13	14,801	3.7	543
Sire, 765084; dam, 1941569.	10 dams------	24	13,062	3.3	435
Herd Owner, Heersche Brothers, Mulvane.	Difference---	(7-9-8)	+1,739	+.4	+108
RINKLAND SENATOR DEWDROP PRINCE 889044	11 daughters-	12	12,145	3.6	434
Born, 4-18-43; proved, 3-31-50;----; Mich.	11 dams------	19	9,688	3.7	361
Sire, 769920; dam, 1991758.	Difference---	(9-3-9)	+2,457	-.1	+73
Used in Michigan Co-op. A. B. A., Inc.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROSNI DE KOL KORNDYKE BESS BURKE 794765----------	13 daughters-	18	9,802	3.4	329
Born, 11-10-39; proved, 3-15-50;----; Va.	9 daughters--	12	10,056	3.4	341
Sire, 654536; dam, 1844101.	9 dams-------	24	9,091	3.4	311
Herd Owner, Eastern State Hospital, Williamsburg.	Difference---	(5-4-5)	+965	.0	+30
SBA CONFIDENT PROGRESSOR 811896----------	6 daughters--	6	14,600	3.4	500
Born, 11-4-40; proved, 3-30-50;----; Kans.	5 daughters--	5	13,986	3.4	482
Sire, 635377; dam, 1471853.	5 dams-------	9	14,277	3.3	477
Herd Owner, Security Benefit Home & Hospital Association, Topeka.	Difference---	(2-2-1)	-291	+.1	+5
SEGIS ORMSBY JOLAN 758421----------	10 daughters-	14	14,282	3.4	481
Born, 2-14-38; proved, 3-16-50; dead; N. C.	7 daughters--	11	13,652	3.4	458
Sire, 581578; dam, 1516354.	7 dams-------	13	12,177	3.4	416
Herd Owner, Baptist Orphanage of North Carolina, Lexington.	Difference---	(4-5-4)	+1,475	.0	+42
SEGIS SENSATION BOY 763756----------	8 daughters--	11	10,052	3.7	370
Born, 4-16-38; proved, 3-16-50;----; Pa.	8 dams-------	20	9,798	3.5	341
Sire, 644451; dam, 1778331.	Difference---	(5-8-5)	+254	+.2	+29
Herd Owner, Lloyd Smith, Meadville.					
SENATOR PRIDE TIDY OF WOP 841900----------	7 daughters--	11	13,732	3.5	480
Born, 12-27-41; proved, 3-23-50; alive; Nev.	6 daughters--	9	13,554	3.5	472
Sire, 785190; dam, 1481772.	6 dams-------	10	16,048	3.5	558
Herd Owner, Carson Indian School, Stewart.	Difference---	(0-5-0)	-2,494	.0	-86
SEQUOIA ROMEO ARTIS D 911498----------	11 daughters-	11	13,951	3.6	505
Born, 1-10-44; proved, 3-17-50; alive; Calif.	11 dams------	36	12,772	3.6	457
Sire, 845565; dam, 2283354.	Difference---	(8-7-10)	+1,179	.0	+48
Herd Owner, Mrs. J. B. Fiscalini & Son, Modesto.					
SEVEN X KLAVER LAD 783616 *12----------	21 daughters-	42	12,779	3.7	474
Born, 1-2-39; proved, 3-29-50; dead; Mont.	18 daughters-	36	12,670	3.7	465
Sire, 669253; dam, 1634648.	18 dams------	51	12,058	3.5	425
Herd Owner, J. C. Steiner, Billings.	Difference---	(9-13-10)	+612	+.2	+40
SHIAWANA PATHFINDER 818734----------	10 daughters-	10	15,489	3.5	548
Born, 2-23-41; proved, 3-17-50; alive; Mich.	10 dams------	15	13,243	3.5	464
Sire, 732743; dam, 1853328.	Difference---	(7-5-7)	+2,246	.0	+84
Herd Owner, Clifton A. Williams, Eaton Rapids.					
SILVERLEA BUD MASTER 918457----------	6 daughters--	6	15,764	3.6	574
Born, 7-15-44; proved, 3-13-50;----; Mich.	6 dams-------	19	14,025	3.8	528
Sire, 738767; dam, 2029473.	Difference---	(5-2-5)	+1,739	-.2	+46
Herd Owner, Walter Kluck & Sons, Saginaw.					
SIR CHANGELING MATADOR LAST 768964----------	9 daughters--	12	9,208	3.9	363
Born, 5-21-38; proved, 3-17-50; dead; Wyo.	6 daughters--	8	9,671	3.9	378
Sire, 560606; dam, 1429872.	6 dams-------	19	11,153	3.6	399
Herd Owner, University of Wyoming, Laramie.	Difference---	(1-6-2)	-1,482	+.3	-21
SIR MATADOR ORMSBY MAY BOON 699586----------	7 daughters--	7	10,747	3.6	382
Born, 3-14-34; proved, 3-9-50;----; Pa.	5 daughters--	5	11,329	3.5	396
Sire, 629450; dam, 1131270.	5 dams-------	8	10,665	3.5	372
Herd Owner, Bickel Brothers, Pottstown.	Difference---	(2-3-2)	+664	.0	+24
SIR ORMSBY SKYLARK BARBETTA 761980 *12----------	37 daughters-	85	11,649	3.7	433
Born, 5-18-38; proved, 3-29-50;----; Wis.	20 daughters-	49	11,795	3.8	451
Sire, 677647; dam, 1619213.	20 dams------	76	13,151	3.7	484
Herd Owner, Phill T. Robers, Lake Geneva.	Difference---	(7-16-8)	-1,356	+.1	-33
SIR PIETERTJE BURKE PROSPECT 641317----------	5 daughters--	8	12,533	3.5	436
Born, 8-19-30; proved, 3-16-50; dead; N. Mex.	5 dams-------	14	11,971	3.3	397
Sire, 354232; dam, 1288753.	Difference---	(3-5-5)	+562	+.2	+39
Herd Owner, Los Poblanos Ranch, Albuerque.					
SIR PIETERTJE ORMSBY KORNDYKE LAD 764464----------	11 daughters-	13	11,224	4.0	446
Born, 10-4-38; proved, 3-16-50;----; Wis.	8 daughters--	10	11,704	4.0	463
Sire, 745302; dam, 1923656.	8 dams-------	16	12,655	3.5	440
Herd Owner, Archie Schurz, Bridgeport.	Difference---	(3-8-4)	-951	+.5	+23
SIR PRIDE HENGERVELD SUPERBA (TWIN) 781698----------	6 daughters--	10	9,958	3.4	342
Born, 9-4-38; proved, 3-20-50;----; Iowa.	6 dams-------	19	10,785	3.6	383
Sire, 495609; dam, 1756038.	Difference---	(2-2-2)	-827	-.2	-41
Herd Owner, Edward Steffens & Sons, West Union.					
SPOTLIGHT OPHELIA BESTYET 893732----------	7 daughters--	7	12,245	3.8	469
Born, 10-30-43; proved, 3-21-50; alive; W. Va.	7 dams-------	26	11,187	3.3	371
Sire, 743114; dam, 2137959.	Difference---	(6-7-6)	+1,058	+.5	+98
Herd Owner, Morning Side Farm, Ronceverte.					
STEILACOOM ORMSBY PRILLY WALKER 773888----------	13 daughters-	19	13,220	3.4	445
Born, 11-24-38; proved, 3-20-50;----; Wash.	5 daughters--	8	13,670	3.4	465
Sire, 705159; dam, 1392009.	5 dams-------	13	14,820	3.2	470
Herd Owner, Washington State Reformatory Farms, Monroe.	Difference---	(2-5-2)	-1,150	+.2	-5

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
STONE OR TWO PRIDE 775813----------	6 daughters--	9	10,103	3.5	357
Born, 3-7-39; proved, 3-9-50;----; Wis.	5 daughters--	7	10,555	3.5	371
Sire, 723295; dam, 1631897.	5 dams-------	25	10,676	3.5	371
Herd Owner, Mrs. Carl Stuckey Estate, Juda.	Difference---	(2-4-4)	-121	.0	0
SUMMERDEAN MARY PIEBE SCARAB 787835----------	6 daughters--	10	9,956	3.4	342
Born, 1-6-39; proved, 3-7-50;----; Va.	5 daughters--	9	10,046	3.5	349
Sire, 709889; dam, 1611831.	5 dams-------	22	7,396	3.4	252
Herd Owner, A. T. & W. M. Bradley, Bedford.	Difference---	(5-2-5)	+2,650	+.1	+97
SUMMERDEAN SKYE CHAMPION 817626----------	12 daughters-	16	11,757	3.8	452
Born, 12-11-40; proved, 3-31-50;----; Va.	7 daughters--	8	12,136	3.8	463
Sire, 784872; dam, 1883220.	7 dams-------	30	11,564	3.7	430
Herd Owner, Virginia State Prison Farm, State Farm.	Difference---	(5-5-6)	+572	+.1	+33
SUZONE SEGIS CREAMELLE 781410----------	8 daughters--	12	10,205	3.2	326
Born, 10-15-38; proved, 3-9-50;----; Pa.	5 daughters--	8	9,322	3.2	296
Sire, 712843; dam, 1668493.	5 dams-------	18	9,315	3.3	307
Herd Owner, Archie W. Bush, South Montrose.	Difference---	(2-2-1)	+7	-.1	-11
SX MATADOR BELMONT KING (TWIN) 846945----------	5 daughters--	9	9,929	3.9	384
Born, 3-15-42; proved, 3-23-50; dead; Md.	5 dams-------	10	9,515	3.8	362
Sire, 816846; dam, 1942000.	Difference---	(4-3-5)	+414	+.1	+22
Herd Owner, Hilly Acres Farm, Parkton.					
TOLEDO KING ONA HOPE 760037----------	17 daughters-	20	11,806	3.5	411
Born, 9-2-37; proved, 3-21-50;----; Ohio.	6 daughters--	9	11,052	3.6	400
Sire, 422837; dam, 1176210.	6 dams-------	10	11,118	3.4	381
Herd Owner, Toledo State Hospital, Toledo.	Difference---	(2-5-4)	-66	+.2	+19
U-MO MAN-O-WAR SENATOR 733629----------	11 daughters-	16	10,657	3.5	369
Born, 1-14-36; proved, 3-13-50; dead; Mo.	5 daughters--	6	11,228	3.3	368
Sire, 639850; dam, 1602862.	5 dams-------	12	12,312	3.2	393
Herd Owner, State Hospital #3, Nevada	Difference---	(2-3-3)	-1,084	+.1	-25
UNEEDA ORMSBY KING BESSIE 813886----------	12 daughters-	19	12,257	3.8	464
Born, 1-6-41; proved, 3-31-50;----; Ind.	8 daughters--	11	11,980	3.7	445
Sire, 777144; dam, 1921270.	8 dams-------	19	13,278	3.5	467
Herd Owner, St. Mary's Academy, Holy Cross.	Difference---	(2-6-2)	-1,298	+.2	-22
U W GREBEGGA P SIR ROMEO 826637----------	14 daughters-	15	11,715	3.4	403
Born, 5-6-41; proved, 3-30-50;----; Ill.	9 daughters--	10	11,806	3.5	415
Sire, 778235; dam, 2052517.	9 dams-------	18	11,574	3.8	436
Herd Owner, Ritter & Cleland, Capron.	Difference---	(6-3-3)	+232	-.3	-21
VANIARD INKA POSCH SEGIS (TWIN) 843429----------	12 daughters-	22	13,199	3.2	426
Born, 9-15-41; proved, 3-21-50; dead; Ohio.	10 daughters-	15	13,281	3.2	428
Sire, 800907; dam, 2002019.	10 dams------	22	12,712	3.4	430
Herd Owner, Henry & Byron Knollman, Harrison.	Difference---	(6-4-5)	+569	-.2	-2
VICKERY GERBEN KING 801590 *13----------	12 daughters-	34	12,804	3.7	468
Born, 4-19-40; proved, 3-21-50; dead; Wis.	12 dams------	57	13,893	3.7	511
Sire, 768821; dam, 1832521.	Difference---	(3-5-2)	-1,089	.0	-43
Herd Owner, Glover Farms, Ft. Atkinson.					
VICKERY VALE KING 768821 *12----------	34 daughters-	67	12,825	3.6	468
Born, 2-27-37; proved, 3-21-50; dead; Wis.	34 dams------	204	12,391	3.6	448
Sire, 731747; dam, 2008907.	Difference---	(18-22-21)	+434	.0	+20
Herd Owner, Glover Farms, Ft. Atkinson.					
WALKER SEGIS PIEBE AUGUST 776683----------	13 daughters-	18	10,837	3.5	380
Born, 8-10-38; proved, 3-16-50;----; Pa.	5 daughters--	8	12,567	3.5	436
Sire, 682063; dam, 1871452.	5 dams-------	8	11,980	3.9	470
Herd Owner, Samuel M. Simmons & Son, Mechanicsburg.	Difference---	(3-0-1)	+587	-.4	-34
WALWOOD PONTIAC COLONEL 841519----------	9 daughters--	14	11,651	3.5	406
Born, 1-26-42; proved, 3-21-50; dead; Ohio.	7 daughters--	11	11,914	3.4	409
Sire, 766941; dam, 1896076.	7 dams-------	18	11,733	3.4	395
Herd Owner, W. B. Davis & Son, Kinsman.	Difference---	(2-5-3)	+181	.0	+14
WELLS TRIUNE ORMSBY OLLIE (TWIN) 697831 *5----------	13 daughters-	37	11,305	3.6	403
Born, 11-10-32; proved, 3-21-50; dead; Wis.	13 dams------	70	10,266	3.6	366
Sire, 472581; dam, 1340032.	Difference---	(9-6-8)	+1,039	.0	+37
Herd Owner, Glover Farms, Ft. Atkinson.					
WESTSIDE LADY LAD 786350----------	7 daughters--	20	10,409	3.2	338
Born, 6-10-39; proved, 3-10-50;----; Vt.	5 daughters--	14	10,312	3.3	337
Sire, 691464; dam, 1712814.	5 dams-------	22	11,740	3.4	400
Herd Owner, Roy H. Potter & Son, Middlebury.	Difference---	(1-3-1)	-1,428	-.1	-63
WILLOW SPRINGS GOLDEN PRINCE 928792----------	5 daughters--	5	12,506	3.8	475
Born, 11-28-44; proved, 3-9-50;----; Kans.	5 dams-------	15	12,234	3.7	454
Sire, 793004; dam, 2212301.	Difference---	(3-4-4)	+272	+.1	+21
Herd Owner, Moberly Brothers, Ames.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WIMBLEDON DEAN EMPEROR JOE (TWIN) 847999----------	6 daughters--	9	13,796	3.5	479
Born, 5-21-42; proved, 3-20-50; dead; Minn.	6 dams-------	11	13,607	3.6	486
Sire, 671030; dam, 1889941.	Difference---	(4-3-4)	+189	-.1	-7
Herd Owner, James E. Franze, Battle Lake.					
WINTERTHUR ORMSBY BOAST 827711----------	15 daughters-	22	10,963	3.6	391
Born, 2-13-41; proved, 3-30-50;----; N. Y.	6 daughters--	8	11,414	3.6	415
Sire, 729449; dam, 1613723.	6 dams-------	16	12,089	3.6	435
Herd Owner, Charles H. Riley & Sons, Sennett.	Difference---	(2-3-3)	-675	.0	-20
W I S WALKER AALTJE 775797----------	14 daughters-	18	10,459	3.3	342
Born, 3-8-39; proved, 3-16-50; dead; Wis.	7 daughters--	9	9,967	3.3	325
Sire, 729052; dam, 1340109.	7 dams-------	9	9,864	3.3	324
Herd Owner, Sidney F. Andrus, Troy Center.	Difference---	(3-4-3)	+103	.0	+1
61-8791 (DHIA EARTAG)----------	5 daughters--	6	12,203	3.2	393
Born, ----; proved, 3-13-50; dead; Ky.	5 dams-------	16	12,661	3.3	419
Sire, ----; dam, ----.	Difference---	(3-2-2)	-458	-.1	-26
Herd Owner, R. L. Duncan, La Grange.					
91*BR57427 (BANGS OR TB EARTAG)----------	17 daughters-	20	12,994	4.0	514
Born, ----; proved, 3-13-50;----; Wash.	12 daughters-	15	13,636	3.9	536
Sire, ----; dam, ----.	12 dams------	39	13,154	3.6	480
Herd Owner, Washington State Penitentiary, Walla Walla.	Difference---	(6-11-9)	+482	+.3	+56

JERSEY SIRES

ACE SYBIL GAMBOGE 402255----------	6 daughters--	9	7,317	5.6	409
Born, 6-5-39; proved, 3-17-50;----; N. H.	5 daughters--	7	7,389	5.8	426
Sire, 297011; dam, 1054890.	5 dams-------	6	8,651	5.5	475
Herd Owner, Orchard Hill Farm, Peterborough.	Difference---	(1-4-1)	-1,262	+.3	-49
BARONET CHALLENGER 422255----------	11 daughters-	17	6,588	5.8	382
Born, 3-26-41; proved, 3-9-50;----; Minn.	7 daughters--	10	6,513	5.8	376
Sire, 381020; dam, 1129495.	7 dams-------	12	6,781	5.4	368
Herd Owner, Guy W. Field, Hutchinson.	Difference---	(5-5-4)	-268	+.4	+8
BLONDE BELLE'S MASTERPIECE 451451----------	9 daughters--	12	6,461	5.6	364
Born, 8-19-42; proved, 3-14-50;----; Ind.	7 daughters--	10	6,412	5.7	366
Sire, 386696; dam, 1259146.	7 dams-------	19	5,679	5.3	300
Herd Owner, Floyd Benson & Sons, New Castle.	Difference---	(6-5-6)	+733	+.4	+66
BLONDE TRINITY LAD 416339----------	9 daughters--	13	6,160	5.3	329
Born, 8-28-40; proved, 3-24-50;----; Va.	8 daughters--	12	6,078	5.3	323
Sire, 373538; dam, 1212441.	8 dams-------	35	6,672	5.1	339
Herd Owner, J. G. Kinzie, Troutville.	Difference---	(4-6-4)	-594	+.2	-16
BONNIE OWL LAD 453244----------	7 daughters--	7	7,269	4.9	358
Born, 10-12-43; proved, 3-16-50;----; Mich.	6 daughters--	6	7,242	4.9	355
Sire, 298411; dam, 1266988.	6 dams-------	20	8,336	5.1	424
Herd Owner, Walter K. Hough, Romeo.	Difference---	(2-4-2)	-1,094	-.2	-69
BONNIE OWL MAJOR 428494----------	11 daughters-	12	7,943	4.9	387
Born, 6-5-41; proved, 3-31-50;----; Ohio.	8 daughters--	8	8,163	4.8	388
Sire, 298411; dam, 1175442.	8 dams-------	12	8,058	4.8	388
Herd Owner, Clarence Kellogg, East Orwell.	Difference---	(2-5-3)	+105	.0	0
BRAMPTON DESIGN MEDALIST 417121----------	13 daughters-	15	7,132	5.6	398
Born, 7-21-39; proved, 3-17-50;----; Ind.	8 daughters--	9	7,239	5.8	417
Sire, 91690 CJCC; dam, 1259898.	8 dams-------	10	9,202	5.5	508
Herd Owner, James R. Riggs & Sons, Evansville.	Difference---	(0-7-1)	-1,963	+.3	-91
BRAMPTON NOBLE DOCTOR 423989----------	9 daughters--	9	7,711	5.1	392
Born, 8-23-40; proved, 3-9-50;----; Tenn.	9 dams-------	30	7,679	5.1	393
Sire, 390729; dam, 858748.	Difference---	(5-4-4)	+32	.0	-1
Herd Owner, Hugh J. Moser, Jefferson City.					
CLOVER ROYAL CLOVIS 442684----------	8 daughters--	11	6,883	4.9	340
Born, 9-10-42; proved, 3-20-50;----; Vt.	7 daughters--	10	6,768	4.9	332
Sire, 401329; dam, 1208785.	7 dams-------	26	8,054	5.0	401
Herd Owner, George E. Ranney, Putney.	Difference---	(4-4-4)	-1,286	-.1	-69
CORONATION AVIATOR 442182----------	9 daughters--	9	7,038	4.9	345
Born, 2-26-42; proved, 3-20-50; dead; Calif.	8 daughters--	8	7,298	4.9	356
Sire, 411508; dam, 1022445.	8 dams-------	42	9,033	5.1	463
Herd Owner, L. W. Renne, Nicolaus.	Difference---	(1-2-1)	-1,735	-.2	-107
CRYSTAL OXFORD PIONEER 421141----------	12 daughters-	17	6,758	5.5	373
Born, 4-12-41; proved, 3-7-50;----; Pa.	6 daughters--	10	7,174	5.5	396
Sire, 399723; dam, 1066854.	6 dams-------	14	6,870	6.0	410
Herd Owner, Alfred R. Huff, Milan.	Difference---	(5-2-3)	+304	-.5	-14

JERSEY SIRES	Animals	Herd averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
DAIRYLIKE SYBIL MAJESTY 4[illegible]	13 daughters--	[illegible]	6,504	5.5	[illegible]
Born, 4-13-43; proved, [illegible]0;----, Ill.	13 dams-------	[illegible]	7,188	5.7	412
Sire, 386290; dam, 1290622.	Difference---	(5-6-4)	-684	-.2	-53
Herd Owner, Leander White, Trafalgar.					
DESIGN ROSEGALL 404632 *13---	11 daughters-	15	7,191	5.4	391
Born, 7-14-39; proved, 3-30-50;----; Ill.	10 daughters-	14	7,397	5.4	402
Sire, 343001; dam, 915275.	10 dams------	[illegible]	7,846	5.4	425
Herd Owner, Ralph C. Emel, Sullivan.	Difference---	(3-7-4)	-449	.0	-23
DESIGN ROYAL LAD OBSERVER 422612---	9 daughters--	13	6,660	5.0	336
Born, 9-10-40; proved, 3-9-50;----; Kans.	7 daughters--	10	6,746	5.1	346
Sire, 368323; dam, 1058575.	7 dams-------	11	6,403	5.1	324
Herd Owner, Dale & Danny Richardson, Oswego.	Difference---	(4-4-5)	+343	.0	+22
DOREEN'S MOOR STANDARD 382654---	7 daughters--	10	7,178	5.4	385
Born, 1-18-37; proved, 3-13-50;----; N. Y.	6 daughters--	8	7,205	5.4	391
Sire, 373033; dam, 988524.	6 dams-------	14	6,490	5.2	336
Herd Owner, Dan Bly, Corning.	Difference---	(3-4-3)	+715	+.2	+55
DREAMER BEAUTY GAMBOGE 448255---	8 daughters--	8	5,829	5.1	296
Born, 4-28-43; proved, 3-31-50;----; Ill.	6 daughters--	6	6,274	5.1	320
Sire, 402154; dam, 1256693.	6 dams-------	6	5,957	5.2	312
Herd Owner, Edward Shea, Junction.	Difference---	(3-3-3)	+317	-.1	+8
DUKE ST. MAWES TORONO 442103---	8 daughters--	13	7,383	5.6	412
Born, 10-25-42; proved, 3-31-50;----; Mich.	6 daughters--	8	6,979	5.6	389
Sire, 394117; dam, 1029349.	6 dams-------	12	7,308	5.7	414
Herd Owner, Glen Eldred, Blanchard.	Difference---	(4-4-4)	-329	-.1	-25
DUKE VICTOR MAJESTY 445169 *13---	15 daughters-	19	7,103	5.3	374
Born, 9-23-42; proved, 3-28-50;----; Iowa.	10 daughters-	14	7,417	5.3	395
Sire, 388953; dam, 1107561.	10 dams------	35	7,574	5.4	410
Herd Owner, W. T. Newman & Son, Stockport.	Difference---	(4-5-2)	-157	-.1	-15
DUKE VICTOR VALIANT 440765---	10 daughters-	14	7,037	5.5	387
Born, 2-1-42; proved, 3-30-50; dead; N. Y.	6 daughters--	7	7,233	5.5	400
Sire, 382901; dam, 1229156.	6 dams-------	15	7,528	5.2	391
Herd Owner, Ralph V. Dole, Niobe.	Difference---	(2-4-3)	-295	+.3	+9
ELMWOOD CHOICE FINANCIER 424224---	9 daughters--	16	8,828	5.2	455
Born, 2-15-41; proved, 3-15-50;----; Calif.	7 daughters--	14	8,791	5.2	456
Sire, 391425; dam, 1220586.	7 dams-------	26	7,338	5.1	376
Herd Owner, Edward H. Heims, Inverness.	Difference---	(7-4-7)	+1,453	+.1	+80
ESTELLA ROYAL DESIGN 444017---	7 daughters--	8	8,024	5.0	401
Born, 10-10-42; proved, 3-20-50; dead; Idaho.	6 daughters--	7	8,123	5.0	404
Sire, 354680; dam, 1260808.	6 dams-------	13	7,441	4.9	367
Herd Owner, E. C. Comstock & Son, Nampa.	Difference---	(3-3-4)	+682	+.1	+37
FAMOUS RESPONSE 447997---	5 daughters--	6	5,801	5.0	290
Born, 6-4-43; proved, 3-24-50; dead; Pa.	5 dams-------	30	8,900	5.0	445
Sire, 389486; dam, 1175520.	Difference---	(0-3-0)	-3,099	.0	-155
Herd Owner, Clyde McConaughey & Son, Smicksburg.					
FLIPPY SIR DESIGN 417284---	5 daughters--	6	9,455	4.5	429
Born, 8-28-40; proved, 3-7-50; dead; Ohio.	5 dams-------	13	7,754	4.9	383
Sire, 408869; dam, 1237902.	Difference---	(3-1-4)	+1,701	-.4	+46
Herd Owner, Erlette Farm, Basil.					
FLOSSY'S OBSERVER 364986---	14 daughters-	14	8,127	5.2	423
Born, 12-26-34; proved, 3-24-50;----; N. H.	9 daughters--	9	8,309	5.2	428
Sire, 342460; dam, 605535.	9 dams-------	13	9,031	5.9	530
Herd Owner, Hob & Nob Farm, Francestown.	Difference---	(5-0-1)	-722	-.7	-102
FREEDOM PRIZE PACKAGE 401388---	11 daughters-	17	7,447	5.4	402
Born, 11-25-38; proved, 3-17-50; dead; Minn.	7 daughters--	10	7,352	5.5	406
Sire, 386420; dam, 1148955.	7 dams-------	15	6,667	5.5	370
Herd Owner, Mrs. L.J. Patterson & Son, Kenyon.	Difference---	(5-3-6)	+685	.0	+36
GIL-BAR FAVORITE RALEIGH 454124---	7 daughters--	7	7,471	5.7	422
Born, 4-3-43; proved, 3-15-50;----; Wis.	6 daughters--	6	7,226	5.7	413
Sire, 385153; dam, 1218723.	6 dams-------	13	7,878	5.1	400
Herd Owner, Harry R. Giese, Loganville.	Difference---	(2-5-3)	-652	+.6	+13
GILSLAND BLONDE LAD 455064---	6 daughters--	6	6,368	5.5	349
Born, 1-2-44; proved, 3-21-50;----; Maine	6 dams-------	16	7,208	5.8	417
Sire, 389130; dam, 1245334.	Difference---	(0-1-0)	-840	-.3	-68
Herd Owner, Oscar Twitchell & Sons, Bryants Pond.					
GOLDEN REGARD 444410---	10 daughters-	18	6,130	5.2	316
Born, 11-1-42; proved, 3-31-50;----; Ind.	7 daughters--	15	6,602	5.0	333
Sire, 402156; dam, 1241454.	7 dams-------	19	6,398	5.[illegible]	337
Herd Owner, Campbell & White, Franklin.	Difference---	(4-2-4)	+204	-.3	-4

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HIGH BID FAIRY SULTAN 456376----------	9 daughters--	10	7,576	5.2	398
Born, 9-5-39; proved, 3-24-50;----; Pa.	9 dams-------	39	7,865	5.3	413
Sire, 354128; dam, 1037676.	Difference---	(3-6-2)	-289	-.1	-15
Herd Owner, Bertha Ulrich, Perkasie.					
HIGH BID'S FERDINAND 397777----------	5 daughters--	7	7,663	4.5	346
Born, 7-18-37; proved, 3-16-50;----; Pa.	5 dams-------	6	8,920	5.3	474
Sire, 354128; dam, 1037673.	Difference---	(1-0-1)	-1,257	-.8	-128
Herd Owner, E. E. Novotny, Prospectville.					
HIGH STANDARD BIG BOY 448452----------	10 daughters-	14	7,144	5.4	386
Born, 12-2-42; proved, 3-14-50;----; Vt.	10 dams------	51	8,604	5.1	442
Sire, 408738; dam, 1240112.	Difference---	(3-8-4)	-1,460	+.3	-56
Herd Owner, Louis G. Schmidt, Proctorsville.					
IMPEARATRICE JIM 376226----------	10 daughters-	12	6,497	5.5	354
Born, 10-31-35; proved, 3-16-50;----; Kans.	6 daughters--	8	6,527	5.4	351
Sire, 346490; dam, 852233.	6 dams-------	14	8,358	5.3	446
Herd Owner, Ray E. Cudney, Trousdale.	Difference---	(1-3-1)	-1,831	+.1	-95
JARDINE INTEREST SUCCESS 442417----------	10 daughters-	12	7,836	5.4	424
Born, 10-14-42; proved, 3-17-50;----; Conn.	7 daughters--	8	7,922	5.5	433
Sire, 363399; dam, 1269972.	7 dams-------	18	8,803	4.5	392
Herd Owner, Frank Niederwerfer, Rockville.	Difference---	(2-7-6)	-881	+1.0	+41
KENWOOD POGIS FAIRY BOY 446386----------	15 daughters-	22	8,599	5.1	441
Born, 8-31-42; proved, 3-31-50;----; Va.	10 daughters-	12	8,912	5.1	455
Sire, 390902; dam, 1150631.	10 dams------	23	8,156	5.1	419
Herd Owner, W. W. Sanford, Orange.	Difference---	(7-7-7)	+756	.0	+36
LILAC REMUS ROMULUS 442150----------	6 daughters--	11	8,858	5.2	464
Born, 3-13-42; proved, 3-31-50;----; Wash.	5 daughters--	8	8,450	5.4	457
Sire, 391892; dam, 1025418.	5 dams-------	19	9,407	5.6	531
Herd Owner, Supreme Dairy, Shelton.	Difference---	(1-3-1)	-957	-.2	-74
LILAC REMUS UNRIVALED XERES 434171----------	5 daughters--	5	8,606	5.3	457
Born, 1-26-42; proved, 3-31-50;----; Vt.	5 dams-------	17	8,319	5.2	436
Sire, 409293; dam, 1181370.	Difference---	(3-2-4)	+287	+.1	+21
Herd Owner, Russell E. Moore, East Barnet.					
LINDA DOUBLE DESIGN 444033----------	6 daughters--	9	9,344	5.3	491
Born, 10-27-42; proved, 3-24-50;----; Ky.	6 dams-------	17	7,470	5.5	409
Sire, 406931; dam, 1316622.	Difference---	(5-1-5)	+1,874	-.2	+82
Herd Owner, R. D. Shipman, Shelbyville.					
MARVEL LILAC JOE 440337----------	7 daughters--	7	6,676	5.1	343
Born, 8-29-42; proved, 3-21-50;----; Wash.	5 daughters--	5	6,860	5.1	352
Sire, 403782; dam, 1016170.	5 dams-------	11	7,587	4.6	346
Herd Owner, Eugene La Breck, Montesano.	Difference---	(2-5-3)	-727	+.5	+6
MERLINE'S DESIGN CARNATION 389780----------	8 daughters--	10	7,734	5.1	391
Born, 4-30-37; proved, 3-16-50;----; Ind.	5 daughters--	7	8,025	5.1	411
Sire, 364344; dam, 1076493.	5 dams-------	5	8,088	5.2	420
Herd Owner, Bernard Rice, Portland.	Difference---	(2-2-2)	-63	-.1	-9
MIGHTY MOROCCAN PEER 416313----------	7 daughters--	11	6,319	5.4	340
Born, 12-25-39; proved, 3-7-50;----; Ky.	5 daughters--	8	6,218	5.5	343
Sire, 339065; dam, 1090510.	5 dams-------	10	6,435	5.5	353
Herd Owner, William Peterson, Loretto.	Difference---	(2-3-1)	-217	.0	-10
MISS BRUCE'S SIGNAL 435759 *(Mar. 1949)----------	37 daughters-	54	7,463	5.5	412
Born, 3-22-42; proved, 3-15-50;----; Vt.	37 dams------	181	7,931	5.2	415
Sire, 346193; dam, 1133895.	Difference---	(14-27-20)	-468	+.3	-3
Used in Central Vermont A. B. A.					
NOBLE FAUVIC BRAVO DESIGNER 453670----------	7 daughters--	9	8,724	5.0	434
Born, 12-28-42; proved, 3-14-50;----; Pa.	6 daughters--	7	8,899	5.0	441
Sire, 391244; dam, 1070912.	6 dams-------	13	8,000	5.1	410
Herd Owner, Norman K. Heffner, Pine Grove.	Difference---	(4-3-5)	+899	-.1	+31
NORA GOLDEN BOY OF REDMOND 444353----------	6 daughters--	9	8,198	5.9	482
Born, 1-20-43; proved, 3-17-50;----; Wash.	5 daughters--	8	7,667	5.7	439
Sire, 414857; dam, 1295532.	5 dams-------	16	9,175	5.5	500
Herd Owner, Frank Mallies, Sequim.	Difference---	(1-3-1)	-1,508	+.2	-61
PALATINE DREAMING PRIDE 389510----------	10 daughters-	32	6,804	5.3	359
Born, 2-13-38; proved, 3-30-50;----; Maine.	5 daughters--	16	6,643	5.5	367
Sire, 361345; dam, 1141329.	5 dams-------	9	7,469	5.4	407
Herd Owner, Villagevue Farm, Gorham.	Difference---	(2-2-2)	-826	+.1	-40
POGIS MAJESTY OWL DOT LAD 415937----------	5 daughters--	5	8,058	5.5	444
Born, 6-6-40; proved, 3-21-50;----; Ill.	5 dams-------	11	8,071	5.6	454
Sire, 392832; dam, 1216361.	Difference---	(3-3-3)	-13	-.1	-10
Herd Owner, B. Everett Leigh, St. Augustine.					

		averaged			
	[illegible]	[illegible]	[illegible]	Percent	Pounds
[illegible] WARRIOR [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Born, [illegible]; proved, [illegible]0;----; [illegible]	20 daughters-	[illegible]	[illegible]	[illegible]	[illegible]
Sire, [illegible]; dam, [illegible].	[illegible] dams	[illegible]	8,838	5.1	[illegible]
Herd Owner, Carleton D. Squires, Bentleyville.	Difference---	[illegible]	+857	+.3	[illegible]
REMUS ANCHOR 441753	[illegible] daughters--	12	[illegible]	[illegible]	[illegible]
Born, 11-[illegible]-41; proved, [illegible]; dead, Ky.	[illegible] dams-------	[illegible]	[illegible]	[illegible]	[illegible]
Sire, 400[illegible]4; dam, 1281[illegible]3.	Difference---	(1-2-0)	-1,052	-.3	-72
Herd Owner, A. B. Carter, Richmond.					
RINDA KID MUSTARD 383489	6 daughters--	8	8,844	5.5	491
Born, 8-24-36; proved, 3-16-50; alive; Calif.	5 daughters--	7	8,848	5.4	[illegible]
Sire, 379363; dam, 961731.	5 dams-------	32	8,[illegible]	5.4	469
Herd Owner, Robert Eells & Bowser, Ceres.	Difference---	(3-1-3)	+20[illegible]	.0	+9
ROMULUS IRIS DON 448097	16 daughters-	20	8,873	5.2	459
Born, 12-20-40; proved, 3-31-50; dead; Wash.	11 daughters-	14	[illegible]	5.2	476
Sire, 328498; dam, 1115943.	11 dams------	30	7,980	5.3	424
Herd Owner, W. E. Bliss, Vancouver.	Difference---	(9-4-10)	+1,242	-.1	+52
ROSEBOY'S DANDY DESIGN 386695	15 daughters-	29	6,666	5.5	367
Born, 10-10-36; proved, 3-14-50;----; W. Va.	7 daughters--	8	6,214	5.4	335
Sire, 358205; dam, 977684.	7 dams-------	25	5,737	5.4	311
Herd Owner, Norman E. Lowe, Mannington.	Difference---	(3-4-3)	+477	.0	+24
ROYAL BLONDE SIGNALMAN 433816	13 daughters-	14	9,551	5.3	510
Born, 11-8-41; proved, 3-21-50;----; Oreg.	6 daughters--	7	8,787	5.3	465
Sire, 375587; dam, 1274810.	6 dams-------	6	10,083	5.3	533
Herd Owner, Dawson & Broderick, Molalla.	Difference---	(0-3-1)	-1,296	.0	-68
ROYAL DESIGN PRINCE 450024	14 daughters-	15	10,080	5.0	504
Born, 3-9-43; proved, 3-6-50; alive; Ky.	14 dams------	41	7,835	4.9	386
Sire, 354680; dam, 1059120.	Difference---	(12-8-13)	+2,245	+.1	+118
Herd Owner, Murray State Teachers College, Murray.					
ROYAL VALIANT STANDARD 417910	9 daughters--	11	6,442	5.0	321
Born, 2-18-40; proved, 3-17-50;----; Mich.	5 daughters--	5	7,137	5.0	360
Sire, 383105; dam, 1083580.	5 dams-------	8	6,281	5.1	322
Herd Owner, Martin Arnold & Sons, Saranac.	Difference---	(4-2-4)	+856	-.1	+38
R. R. ECHO'S TORONO 397095	7 daughters--	8	6,020	5.7	342
Born, 2-6-38; proved, 3-17-50;----; N. H.	6 daughters--	7	6,632	5.8	381
Sire, 374630; dam, 576138.	6 dams-------	19	5,843	5.2	302
Herd Owner, Hilldale Farm, Laconia.	Difference---	(5-5-5)	+789	+.6	+79
SCHORNO STANDARD BULLSEYE 451000	5 daughters--	9	8,900	4.7	420
Born, 6-27-41; proved, 3-16-50;----; Wash.	5 dams-------	11	8,734	5.2	454
Sire, 416041; dam, 1090701.	Difference---	(3-1-2)	+166	-.5	-34
Herd Owner, Clifford Tait, Roy.					
SENATOR ROSIE VICTOR 437245	9 daughters--	14	8,292	4.9	410
Born, 2-6-42; proved, 3-31-50;----; Pa.	9 dams-------	43	8,008	5.3	417
Sire, 375665; dam, 992030.	Difference---	(5-2-2)	+284	-.4	-7
Herd Owner, John W. Carlson, Port Allegany.					
SHADEWELL PROUD KING 428686	6 daughters--	6	8,657	5.6	484
Born, 12-24-37; proved, 3-20-50;----; Vt.	6 dams-------	11	8,214	5.4	447
Sire, 377956; dam, 1046777.	Difference---	(4-4-3)	+443	+.2	+37
Herd Owner, Charles K. Jones, Waitsfield.					
SIBLEY CORONATION OWL 451539	6 daughters--	6	8,123	5.2	423
Born, 5-11-43; proved, 3-14-50;----; Vt.	6 dams-------	23	9,148	5.1	471
Sire, 298411; dam, 1087091.	Difference---	(1-3-2)	-1,025	+.1	-48
Herd Owner, Lexington Farms, Reading.					
SIR JEAN RALEIGH 440988	6 daughters--	14	7,199	4.9	354
Born, 11-22-41; proved, 3-30-50;----; Md.	5 daughters--	13	6,703	4.8	320
Sire, 386318; dam, 883625.	5 dams-------	17	7,321	4.9	361
Herd Owner, Theodore Hoffeditz & Dr. Thomas Powell, Greencastle, Pa.	Difference---	(1-2-1)	-618	-.1	-41
SOPHIE ONWARD PAYMASTER 428858	24 daughters-	31	7,867	4.9	385
Born, 9-10-39; proved, 3-21-50;----; Pa.	16 daughters-	20	7,572	5.0	375
Sire, 270923; dam, 1174717.	16 dams------	54	6,612	4.9	327
Herd Owner, Elias W. Hummer & Son, Titusville.	Difference---	(11-9-11)	+960	+.1	+48
STANDARD NOBLY BORN CID 377426	8 daughters--	9	7,121	5.1	365
Born, 10-27-35; proved, 3-15-50; dead; Ohio.	6 daughters--	7	7,449	5.2	387
Sire, 313922; dam, 705643.	6 dams-------	13	7,158	5.4	388
Used in Northern Ohio Co-op. A. B. A.	Difference---	(5-3-4)	+291	-.2	-1
SULTAN NOBLE OVERSEER 386447	7 daughters--	8	8,085	4.9	393
Born, 11-5-36; proved, 3-13-50;----; Mich.	5 daughters--	6	8,044	5.1	411
Sire, 361651; dam, 680353.	5 dams-------	9	8,927	5.1	452
Herd Owner, Fred Trieweiler, Portland.	Difference---	(1-2-2)	-88[illegible]	.0	-41

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SYBIL FOXY DESIGN 428400----------	6 daughters--	8	7,270	5.0	365
Born, 12-21-40; proved, 3-20-50;----; Pa.	6 dams-------	23	6,614	6.0	398
Sire, 401054; dam, 1188898.	Difference---	(3-0-2)	+656	-1.0	-33
Herd Owner, W. I. Blake, Mercer.					
SYBIL SIGNAL MAJESTY OXFORD 432091----------	7 daughters--	8	7,770	5.6	436
Born, 9-7-41; proved, 3-21-50;----; Vt.	5 daughters--	6	8,272	5.8	477
Sire, 401105; dam, 712675.	5 dams-------	19	8,695	5.2	454
Herd Owner, Whitehall Farm, Windsor.	Difference---	(3-4-4)	-423	+.6	+23
SYBIL STOCKWELL OOP 459447----------	5 daughters--	5	6,852	5.2	357
Born, 6-24-44; proved, 3-16-50;----; Pa.	5 dams-------	26	6,967	5.3	368
Sire, 368386; dam, 1363149.	Difference---	(3-3-3)	-115	-.1	-11
Herd Owner, S. B. Williams, Jr., Middletown.					
THOMAS VALIANT AIM X 436094----------	13 daughters-	14	6,439	5.1	330
Born, 10-25-41; proved, 3-17-50;----; Wis.	9 daughters--	9	6,583	5.1	337
Sire, 410269; dam, 1243976.	9 dams-------	14	6,473	5.1	330
Herd Owner, W. J. Stoecker, Mukwonago.	Difference---	(4-5-5)	+110	.0	+7
WINDMOOR BLONDE HEIR 431464----------	5 daughters--	7	7,652	5.2	394
Born, 12-5-41; proved, 3-16-50;----; Kans.	5 dams-------	15	6,914	5.2	358
Sire, 348040; dam, 1105803.	Difference---	(4-2-3)	+738	.0	+36
Herd Owner, Joe Koelsch, St. John.					
YOU'LL FORWARD XENIA PIONEER 397377----------	11 daughters-	11	5,343	5.4	286
Born, 2-9-38; proved, 3-17-50;----; Miss.	8 daughters--	8	5,357	5.3	285
Sire, 355408; dam, 1126607.	8 dams-------	11	6,022	5.1	310
Herd Owner, Edgeworth Farms, Corinth.	Difference---	(3-5-3)	-665	+.2	-25

SHORTHORN SIRES

CHIEF BARON 2102024----------	7 daughters--	9	8,181	3.7	303
Born, 12-5-41; proved, 3-13-50; dead; Minn.	5 daughters--	5	8,370	3.7	310
Sire, 1980067; dam, 1996160.	5 dams-------	13	7,686	3.8	292
Herd Owner, Hartwin Flitter, Madelia.	Difference---	(3-2-3)	+684	-.1	+18
DAIRYLOU PROMOTER 2079432----------	6 daughters--	7	7,161	4.0	283
Born, 10-10-41; proved, 3-13-50;----; Md.	5 daughters--	6	7,014	4.0	284
Sire, 1973390; dam, 1839114.	5 dams-------	9	7,765	4.2	324
Herd Owner, Vernon A. Mathias & Son, Westminster.	Difference---	(1-1-1)	-751	-.2	-40
KING'S MODEL PRIDE 2133837----------	5 daughters--	8	8,964	3.9	347
Born, 8-14-42; proved, 3-13-50;----; Mich.	5 dams-------	12	9,159	3.8	346
Sire, 1863187; dam, 1873842.	Difference---	(3-3-3)	-195	+.1	+1
Herd Owner, George E. Koch & Son, Sebewaing.					
ROCKROSE SIGNAL 4TH 2207239----------	12 daughters-	13	7,937	3.8	304
Born, 6-8-43; proved, 3-14-50;----; Wash.	6 daughters--	6	6,962	3.9	271
Sire, 1918876; dam, 1984829.	6 dams-------	9	9,761	3.8	373
Herd Owner, Lloyd W. Roberts, Deer Park.	Difference---	(1-4-1)	-2,799	+.1	-102

AMERICAN DAIRY CATTLE CLUB SIRES

FLYING HORSE ROYAL COLONEL 783
(This sire is also a registered Guernsey "Flying Horse Royal Colonel 353616." Proved Sire data included in Guernsey listing.)

IDYLBROOK CARIB'S SQUAWLOCK 1548
(This sire is also a registered Guernsey "Idylbrook Carib's Squawlock 346295." Proved Sire data included in Guernsey listing.)

SYBIL STOCKWELL OOP 961
(This sire is also a registered Jersey "Sybil Stockwell Oop 459447." Proved Sire data included in Jersey listing.

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 26, No. 5

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SUMMARY OF THE PROVED-SIRE RECORDS COMPILED IN 1949

The following tabulations give a brief summary of the proved-sire records compiled from dairy-herd-improvement-association data in 1949:

Table 1.--Number of sires reported alive or dead, and the production of their daughters compared with that of the daughters' dams

Status of sires			Average production					
			Dams			Daughters		
			Milk	Butterfat		Milk	Butterfat	
	Number	Percent	Pounds	Percent	Pounds	Pounds	Percent	Pounds
Living------	817	19	9,902	4.1	408	10,281	4.2	432
Dead--------	2,368	54	9,720	4.0	388	9,635	4.0	390
Not reported	1,170	27	9,746	4.0	392	9,520	4.1	387
Total or average---	4,335	100	9,761	4.0	393	9,725	4.1	397

Table 2.--Number of living sires listed by age and breed

Age (years)	Ayr-shire	Brown Swiss	Guern-sey	Hol-stein	Jersey	Short-horn	Red Dane	American Dairy Cattle Club sires	Total
5--------	-	-	1	4	1	-	-	-	6
6--------	11	1	26	70	18	1	-	-	127
7--------	13	4	40	100	41	1	2	-	201
8--------	19	13	38	75	44	8	1	-	198
9--------	10	8	31	38	25	-	-	1	113
10--------	7	2	18	22	27	2	1	-	79
11--------	7	5	13	18	5	-	2	-	50
12--------	1	-	6	8	3	1	-	-	19
13--------	4	1	4	3	3	-	-	-	15
14--------	-	-	2	2	-	-	-	-	4
15--------	1	-	-	-	-	-	-	-	1
16--------	-	-	-	1	-	-	-	-	1
No report	-	-	1	-	1	-	1	-	3
Total--	73	34*	180*	341*	168*	13	7	1	817

*One Brown Swiss, three Guernsey, ten Holstein, and four Jersey sires are also registered in the American Dairy Cattle Club.

Table 3.--Sires that maintained, increased, or decreased butterfat production, grouped according to the production range of the dams to which they were mated

Butterfat production range of dams (pounds)	Sires	Sires that Maintained or increased production	Sires that Decreased production	Dam-and-daughter pairs	Average production: Dams Milk	Dams Butterfat		Daughters Milk	Daughters Butterfat	
	Number	Number	Number	Number	Pounds	Percent	Pounds	Pounds	Percent	Pounds
200-224------	6	4	2	38	5,696	3.8	219	6,257	4.2	263
225-249------	18	14	4	138	5,877	4.1	241	6,818	4.3	292
250-274------	47	37	10	350	6,582	4.0	265	7,147	4.1	294
275-299------	124	93	31	991	7,175	4.0	289	7,737	4.1	318
300-324------	239	160	79	2,111	7,726	4.1	313	8,148	4.1	337
325-349------	511	329	182	4,484	8,378	4.0	338	8,617	4.1	354
350-374------	681	387	294	6,374	8,885	4.1	362	9,023	4.1	374
375-399------	799	416	383	7,473	9,546	4.1	387	9,544	4.1	392
400-424------	717	340	377	7,321	10,265	4.0	412	10,170	4.1	413
425-449------	557	251	306	5,336	10,829	4.0	437	10,501	4.1	428
450-474------	344	142	202	3,307	11,672	3.9	461	11,254	4.0	449
475-499------	189	68	121	1,683	12,168	4.0	485	11,660	4.0	468
500-524------	77	30	47	698	13,466	3.8	512	12,868	3.9	497
525-549------	24	8	16	210	12,359	4.3	533	11,603	4.3	502
550-574------	16	5	11	123	14,521	3.8	558	13,256	4.0	530
575-599------	4	0	4	26	16,460	3.6	586	14,545	3.4	500
600-624------	1	0	1	7	17,313	3.5	614	12,017	3.8	461
625-649------	1	0	1	7	10,174	6.2	632	10,013	6.1	608
Total or average---	4,355	2,284	2,071	40,677	9,761	4.0	393	9,725	4.1	397

Table 4. Number of proved sires listed by States and breeds

State	Breed								American Dairy Cattle Club Sires 1/	Total 1/
	Ayrshire 1/	Brown Swiss 1/	Guernsey 1/	Holstein 1/	Jersey 1/	Red Dane	Red Polled	Shorthorn 1/		
Ala----------	--	--	--	--	2	--	--	--	--	2
Ariz---------	1	--	5	9	5	--	--	--	--	20
Calif--------	4	3	16	48	18	--	--	--	--	89
Colo---------	1	4	4	22	3	--	--	2	--	36
Conn---------	47	21	48	22	22	--	--	--	1	160
Del----------	6	1	6	3	4	--	--	--	--	20
Fla----------	1	--	1	--	7	--	--	--	--	9
Ga----------	--	--	1	2	11	--	--	--	--	14
Idaho--------	3	--	11	9	7	--	--	2	--	32
Ill----------	15	49	61	164	41	--	--	4	6	335
Ind----------	17	22	66	54	18	--	--	1	4	178
Iowa---------	13	44	91	177	67	--	--	13	--	405
Kans---------	18	11	11	53	20	--	--	11	--	124
Ky----------	--	2	3	11	20	--	--	--	--	36
La----------	--	--	--	1	2	--	--	--	--	3
Maine--------	14	--	26	29	19	--	--	--	2	88
Md----------	44	6	74	73	22	--	--	2	3	221
Mass---------	48	11	28	41	24	--	--	2	6	2/155
Mich---------	16	17	75	120	51	13	--	4	2	296
Minn---------	3	14	68	157	38	--	2	12	2	294
Miss---------	--	--	2	--	--	--	--	--	--	2
Mo----------	2	4	21	30	38	--	--	1	--	96
Mont---------	--	1	--	2	--	--	--	--	--	3
Nebr---------	1	2	10	23	--	--	--	2	1	38
N. H---------	15	6	20	15	17	--	--	--	1	73
N. J---------	5	12	33	52	11	--	--	--	1	113
N. Mex-------	--	--	2	3	--	--	--	--	--	5
N. Y---------	94	24	63	347	65	--	--	2	36	596
N. C---------	9	--	18	11	2	--	--	--	--	40
N. Dak-------	--	--	1	4	--	--	--	--	--	5
Ohio---------	58	22	39	53	37	--	--	1	--	210
Okla---------	1	--	--	2	--	--	--	--	--	3
Oreg---------	1	4	16	3	44	--	--	1	--	69
Pa----------	77	16	201	352	76	--	--	1	12	723
R. I---------	4	1	--	2	--	--	--	--	1	7
S. C---------	--	2	1	--	--	--	--	--	--	3
S. Dak-------	--	4	3	10	2	--	--	--	1	19
Tenn---------	--	1	2	2	16	--	--	--	--	21
Tex----------	--	--	1	3	6	--	--	--	--	10
Utah---------	--	--	4	12	7	--	--	--	--	23
Vt----------	27	6	22	51	77	--	--	--	2	184
Va----------	1	1	76	69	19	--	--	5	--	171
Wash---------	3	6	37	37	48	--	--	--	--	131
W. Va--------	15	1	26	18	16	--	--	1	1	77
Wis----------	15	53	141	463	45	--	1	7	5	726
Total 3/-----	308	172	1,022	2,063	719	13	3	51	4/60	2/4,356

1/ The number listed for each State frequently includes 1 or more sires proved with records from some other State as well as from the State indicated.
2/ This figure includes proof on one milk goat sire.
3/ The totals given here omit duplication of sires.
4/ Fifty-six of the American Dairy Cattle Club sires are also registered in other breed associations.

DHIA PROVED-SIRE RECORDS TABULATED IN APRIL 1950

Following is a list of 155 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in April 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ALTA CREST FIRST OF ALL 72466 *13----------	10 daughters-	13	10,554	3.8	406
Born, 6-18-42; proved, 4-7-50; alive; Ind.	10 dams------	29	10,907	3.9	420
Sire, 59661; dam, 141368.	Difference---	(6-6-4)	-353	-.1	-14
Used in Central Ohio Co-op. A. B. A., Ohio.					
BLACKWOOD PREEMINENT 66389----------	17 daughters-	20	8,806	4.0	350
Born, 1-15-41; proved, 4-18-50;----; Ohio.	11 daughters-	12	8,686	4.0	351
Sire, 35622; dam, 144913.	11 dams------	19	7,868	3.9	310
Herd Owner, Phillip E. Stickley, Urbana.	Difference---	(7-7-8)	+818	+.1	+41
CAREFREE ROYAL SURGEON, IMP. 63515----------	11 daughters-	16	6,676	4.0	266
Born, 2-17-40; proved, 4-5-50;----; Ind.	9 daughters--	13	6,993	4.0	277
Sire, 63129; dam, 224609.	9 dams-------	19	7,576	4.0	304
Herd Owner, Don Hamon, Logansport.	Difference---	(2-5-2)	-583	.0	-27
CEDARLAWN TOM 69779----------	8 daughters--	11	7,831	4.2	332
Born, 11-24-41; proved, 4-24-50;----; Kans.	7 daughters--	10	7,460	4.3	324
Sire, 60850; dam, 209759.	7 dams-------	17	8,087	4.1	336
Herd Owner, Herbert W. Buller, Buhler.	Difference---	(3-4-2)	-627	+.2	-12
CLOVE BRANCH OSCAR P. 63426 *(May 1949)----------	25 daughters-	43	9,746	4.3	415
Born, 12-30-39; proved, 4-14-50;----; Conn.	17 daughters-	31	9,354	4.1	388
Sire, 41931; dam, 177129.	17 dams------	68	10,482	4.2	440
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(3-6-3)	-1,128	-.1	-52
COLD STREAM DOUGLAS HI-HATTER 69491----------	8 daughters--	12	8,702	4.0	349
Born, 12-21-41; proved, 4-24-50;----; N. Y.	7 daughters--	11	8,464	4.0	338
Sire, 57327; dam, 217045.	7 dams-------	19	8,084	3.8	311
Herd Owner, Maple Dairy Farm, Champlain.	Difference---	(5-6-5)	+380	+.2	+27
FOREST VU STAR CHAMPION 69856----------	8 daughters--	13	7,925	3.9	312
Born, 4-2-42; proved, 4-24-50;----; Md.	7 daughters--	11	7,696	4.0	304
Sire, 61693; dam, 151468.	7 dams-------	26	8,355	4.0	338
Herd Owner, Chance Land Farm, West Friendship.	Difference---	(3-3-3)	-659	.0	-34
GOOD ACRES TRIUMPHANT 72906 *(Mar. 1949)----------	17 daughters-	23	11,203	4.3	482
Born, 2-10-43; proved, 4-14-50; alive; Ohio.	16 daughters-	21	11,226	4.3	482
Sire, 35622; dam, 220707.	16 dams------	65	9,260	4.2	392
Used in Central Ohio Co-op. A. B. A.	Difference---	(13-10-12)	+1,966	+.1	+90
GREEN HILL WHITE MAN 65504----------	11 daughters-	21	9,056	3.7	333
Born, 4-2-40; proved, 4-17-50;----; Iowa.	6 daughters--	11	8,471	3.7	311
Sire, 55255; dam, 137097.	6 dams-------	17	7,751	3.8	296
Herd Owner, Theodore Thorson, Saint Olaf.	Difference---	(4-2-4)	+720	-.1	+15
KATE'S STATE FAIR BUSTER 68370----------	8 daughters--	11	7,178	4.4	316
Born, 9-16-40; proved, 4-17-50; dead; Kans.	6 daughters--	7	7,961	4.4	352
Sire, 55440; dam, 196453.	6 dams-------	32	7,926	4.2	336
Herd Owner, Midway Stock Farm, Downs.	Difference---	(3-6-3)	+35	+.2	+16
LIPPITT HANS DOUGLAS 62233 *13----------	9 daughters--	20	9,345	4.0	369
Born, 8-13-39; proved, 4-5-50; alive; Vt.	8 daughters--	17	9,630	3.9	379
Sire, 47977; dam, 137664.	8 dams-------	33	9,128	4.0	365
Used in New Hampshire A. B. A., N. H.	Difference---	(4-3-4)	+502	-.1	+14
MYERBRAE BARON 69188----------	9 daughters--	15	7,967	4.2	333
Born, 8-31-41; proved, 4-19-50;----; N. Y.	9 dams-------	55	8,682	4.1	353
Sire, 48956; dam, 144793.	Difference---	(2-6-4)	-715	+.1	-20
Herd Owner, Morgan S. Myers & Son, Barnerville.					
OREGON MISTER B.'S JOY 68465----------	14 daughters-	21	9,281	4.4	409
Born, 11-6-41; proved, 4-13-50;----; Oreg.	8 daughters--	12	9,865	4.4	429
Sire, 56971; dam, 194830.	8 dams-------	15	9,993	4.0	401
Herd Owner, Stephen Hemshorn Estate, Mt. Angel.	Difference---	(3-6-4)	-128	+.4	+28
RICKARD FARM'S KING GEORGE 62544----------	12 daughters-	22	7,767	3.9	300
Born, 9-28-38; proved, 4-13-50;----; Vt.	5 daughters--	12	8,140	3.7	305
Sire, 52455; dam, 131677.	5 dams-------	12	8,437	3.8	317
Herd Owner, Green Pastures Farm, East Bethel.	Difference---	(3-2-2)	-297	-.1	-12

AYRSHIRE SIRES	Animals	Records averaged	Milk	Fat	
	Number	Number	Pounds	Percent	Pounds
SHARON VIEW KNICKERBOCKER 6[illegible]40----------	7 daughters--	[illegible]	8,402	4.0	339
Born, 1-28-41; proved, 4-24-50;----; Ohio.	6 daughters--	8	8,353	4.1	341
Sire, 61764; dam, 211338.	6 dams-------	14	7,856	4.0	[illegible]
Herd Owner, W. O. Christopher, Pataskala.	Difference---	(5-5-5)	+497	+.1	+23
SHIRLEY-AYR GAY BRIGADIER 60695----------	12 daughters-	21	8,849	4.0	[illegible]
Born, 1-8-39; proved, 4-25-50;----; Pa.	8 daughters--	14	8,910	3.9	[illegible]
Sire, 47698; dam, 171973.	8 dams-------	10	[illegible]	3.8	282
Herd Owner, J. Thompson & Marie H. Benchoff, Waynesboro.	Difference---	(7-7-7)	+1,541	+.1	+69
SILVER RUN CASPER [illegible]257 *(July 1949)----------	11 daughters-	15	9,282	4.2	[illegible]
Born, 11-24-42; proved, 4-7-50; alive; Del.	9 daughters--	1[illegible]	9,217	4.3	[illegible]
Sire, 46502; dam, 184528.	9 dams-------	35	8,798	4.0	[illegible]
Herd Owner, George C. Simpson, Houston.	Difference---	(5-7-5)	+419	+.3	+40
STRATHGLASS TRUE LINE 65599 *(Apr. 1949)----------	14 daughters-	19	8,969	4.2	377
Born, 11-10-40; proved, 4-28-50; dead; N. Y.	12 daughters-	17	[illegible]07	4.2	[illegible]
Sire, 51655; dam, 194881.	12 dams------	51	10,531	4.1	[illegible]
Used in New Hampshire A. B. A., N. H.	Difference---	(3-8-3)	-1,424	+.1	-51
SYLVAN VIEW WONDER 67445----------	7 daughters--	11	9,477	3.9	368
Born, 5-27-41; proved, 4-7-50; dead; N. Y.	5 daughters--	9	10,237	3.8	[illegible]
Sire, 62669; dam, 152664.	5 dams-------	31	10,302	4.0	416
Herd Owner, Francis Foster, Bath.	Difference---	(3-0-1)	-65	-.2	-27
VISTA GRANDE CASPER 66256----------	6 daughters--	6	6,152	4.3	267
Born, 2-6-41; proved, 4-13-50;----; N. Y.	6 dams-------	19	8,374	3.9	330
Sire, 55678; dam, 197114.	Difference---	(1-6-1)	-2,222	+.4	-63
Herd Owner, Robert Hildyard, Ferndale.					
VISTA GRANDE CHUCK 68421----------	8 daughters--	11	8,589	4.2	358
Born, 8-26-41; proved, 4-7-50; alive; N. Y.	6 daughters--	9	8,841	4.2	367
Sire, 41342; dam, 167253.	6 dams-------	19	9,704	4.1	401
Used in New Hampshire A. B. A., N. H.	Difference---	(2-4-2)	-863	+.1	-34

BROWN SWISS SIRES

CONQUEROR OF WEST LAWN 42042 *13----------	17 daughters-	44	11,661	3.9	449
Born, 2-9-38; proved, 4-19-50;----; Wis.	17 dams------	120	10,841	4.0	435
Sire, 32865; dam, 52917.	Difference---	(12-5-9)	+820	-.1	+14
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).					
D. MELROY'S BUSTER J. B. 53934----------	9 daughters--	12	9,422	4.1	387
Born, 1-3-42; proved, 4-14-50;----; Conn.	9 dams-------	28	9,210	4.1	382
Sire, 31073; dam, 45322.	Difference---	(5-5-4)	+212	.0	+5
Herd Owner, George C. Dudley, Litchfield.					
DOT'S JERRY PHEIFER V. B. 49126----------	15 daughters-	31	9,823	4.3	422
Born, 3-13-40; proved, 4-14-50;----; Iowa.	9 daughters--	16	9,169	4.3	39[illegible]
Sire, 38580; dam, 66259.	9 dams-------	20	10,396	4.1	428
Herd Owner, Buol Brothers, Monticello.	Difference---	(1-8-3)	-1,227	+.2	-33
JUDD'S BRIDGE HARBINGER 57699 *(Nov. 1949)----------	16 daughters-	19	10,977	4.3	470
Born, 9-26-42; proved, 4-28-50;----; Ohio.	12 daughters-	15	11,121	4.3	47[illegible]
Sire, 48672; dam, 62285.	12 dams------	26	10,289	4.1	420
Used in Central Ohio Co-op. A. B. A.	Difference---	(8-8-9)	+832	+.2	+5[illegible]
LEE JANE E.'S ROYAL OF MELROSE 49135----------	6 daughters--	8	9,317	3.9	366
Born, 6-22-40; proved, 4-18-50;----; Wis.	5 daughters--	6	9,786	3.9	382
Sire, 35467; dam, 41303.	5 dams-------	9	9,485	4.0	378
Herd Owner, Emil J. Jensen, Menomonie.	Difference---	(3-2-2)	+301	-.1	+4
LEE'S HILL HIGH POINT 49265----------	10 daughters-	16	9,572	4.1	[illegible]
Born, 7-31-40; proved, 4-14-50; dead; Ill.	7 daughters--	10	9,600	4.1	[illegible]
Sire, 28594; dam, 39639.	7 dams-------	23	10,433	4.0	417
Herd Owner, Roy Neill & Son, Tiskilwa.	Difference---	(3-6-3)	-833	+.1	-22
MAY J.'S BARON 49625----------	7 daughters--	13	9,560	4.0	380
Born, 9-2-40; proved, 4-14-50;----; Iowa.	6 daughters--	11	9,934	4.0	393
Sire, 33438; dam, 52649.	6 dams-------	21	10,296	4.1	421
Herd Owner, Greg Bodensteiner, Castalia.	Difference---	(1-2-0)	-362	-.1	-28
PRINCESS' THOR 56509----------	7 daughters--	12	8,440	3.9	331
Born, 12-2-41; proved, 4-17-50;----; Iowa.	6 daughters--	11	8,186	3.9	319
Sire, 41440; dam, 66563.	6 dams-------	20	7,328	3.9	287
Herd Owner, James Hartman, Estherville.	Difference---	(5-3-5)	+858	.0	+32
ROXANA'S ROYAL 51136----------	8 daughters--	11	9,616	4.0	385
Born, 6-12-41; proved, 4-14-50; dead; N. J.	7 daughters--	9	9,436	4.0	374
Sire, 42266; dam, 72864.	7 dams-------	26	9,049	4.1	373
Herd Owner, Suydam Farms, New Brunswick.	Difference---	(4-3-5)	+387	-.1	+1

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WONDER MASTER OF LEE'S HILL 60560----------	8 daughters--	9	10,161	4.4	448
Born, 5-1-43; proved, 4-28-50;----; Ill.	5 daughters--	6	9,936	4.5	450
Sire, 31781; dam, 71062.	5 dams-------	17	11,104	3.9	437
Used in Central Ohio Co-op. A. B. A., Ohio.	Difference---	(1-5-3)	-1,168	+.6	+13

GUERNSEY SIRES

ARGILLA C. PORTER 337416----------	13 daughters-	16	7,185	4.9	351
Born, 12-17-42; proved, 4-13-50;----; Mo.	9 daughters--	11	7,017	5.0	349
Sire, 225790; dam, 526749.	9 dams-------	28	6,365	4.9	314
Herd Owner, Carl Frankenbach, Hannibal.	Difference---	(7-6-5)	+652	+.1	+35
ARGILLA KNIGHT 193529----------	27 daughters-	57	7,883	4.9	384
Born, 4-3-31; proved, 4-5-50; dead; N. C.	6 daughters--	12	8,549	4.9	420
Sire, 67827; dam, 104827.	6 dams-------	13	7,506	4.7	349
Herd Owner, Y. C. Collins, Salisbury.	Difference---	(5-6-5)	+1,043	+.2	+71
BOULDER BRIDGE MERCURY 371456----------	6 daughters--	6	9,497	4.2	396
Born, 12-6-44; proved, 4-19-50;----; Minn.	6 dams-------	12	7,432	4.3	317
Sire, 235690; dam, 718543.	Difference---	(6-4-6)	+2,065	-.1	+79
Herd Owner, Ellen S. Wittwer & Son, Redwood Falls.					
BUTTERFAT OSCAR'S LEADER 344367----------	10 daughters-	10	7,939	5.3	423
Born, 10-19-43; proved, 4-17-50;----; Wis.	9 daughters--	9	8,078	5.3	429
Sire, 224870; dam, 405573.	9 dams-------	22	7,033	5.4	378
Herd Owner, B. J. Casaw & Son, Hudson.	Difference---	(6-3-6)	+1,045	-.1	+51
CATAMOUNT KING PHILOSOPHER 237761 *9----------	14 daughters-	24	7,739	4.8	371
Born, 7-1-36; proved, 4-17-50;----; N. H.	12 daughters-	21	7,577	4.8	360
Sire, 203950; dam, 436232.	12 dams------	20	7,448	4.7	347
Used in New Hampshire A. B. A.	Difference---	(6-9-6)	+129	+.1	+13
CESOR VICTORY MAXIM 317646----------	10 daughters-	12	9,664	4.8	459
Born, 12-4-41; proved, 4-17-50; alive; Mich.	7 daughters--	7	10,007	4.9	492
Sire, 254833; dam, 411801.	7 dams-------	10	8,386	4.7	393
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-5-6)	+1,621	+.2	+99
DOUGLASTON BARON KENYON 331204----------	8 daughters--	8	8,498	4.8	411
Born, 11-1-42; proved, 4-18-50;----; N. Y.	5 daughters--	5	8,595	4.8	413
Sire, 226719; dam, 311829.	5 dams-------	12	9,081	5.0	452
Used in New York Co-op. A. B. A., Inc.	Difference---	(1-1-1)	-486	-.2	-39
ELMWOOD FARMS ROYAL SNOWDROP 321998----------	7 daughters--	12	8,623	4.8	416
Born, 3-23-42; proved, 4-28-50;----; Wis.	5 daughters--	9	8,362	4.8	402
Sire, 279696; dam, 397279.	5 dams-------	19	8,216	5.4	441
Herd Owner C. B. Thatcher & Son, Clear Lake.	Difference---	(3-1-2)	+146	-.6	-39
ELWADESON'S JERRY 320769----------	11 daughters-	11	9,131	4.5	414
Born, 3-21-42; proved, 4-17-50;----; Iowa.	9 daughters--	9	9,805	4.5	442
Sire, 249346; dam, 554703.	9 dams-------	41	8,566	5.0	425
Herd Owner, Homer S. Fike & Son, Waterloo.	Difference---	(6-0-5)	+1,239	-.5	+17
ERINTON PATRICK 316459----------	9 daughters--	12	10,269	4.7	479
Born, 4-9-42; proved, 4-5-50;----; Md.	9 dams-------	24	7,989	4.9	395
Sire, 252963; dam, 558403.	Difference---	(9-2-9)	+2,280	-.2	+84
Herd Owner, Kennersley Farm, Church Hill.					
FOREMOST BUGLER 324096----------	6 daughters--	8	6,764	4.9	329
Born, 8-25-42; proved, 4-26-50;----; N. H.	6 dams-------	21	8,867	4.5	400
Sire, 285220; dam, 383007.	Difference---	(1-5-2)	-2,103	+.4	-71
Used in New Hampshire A. B. A.					
GAYHEAD'S MAHOUT 191962----------	10 daughters-	18	7,237	4.7	341
Born, 8-5-30; proved, 4-17-50;----; Ind.	5 daughters--	11	7,755	4.7	363
Sire, 111871; dam, 187829.	5 dams-------	8	6,839	4.7	323
Herd Owner, Wayne Paul & Son, Modoc.	Difference---	(3-3-3)	+916	.0	+40
GRACELAND CORONA 313544----------	7 daughters--	7	8,643	4.8	411
Born, 8-18-41; proved, 4-26-50;----; Ohio.	6 daughters--	6	8,381	4.9	409
Sire, 275539; dam, 637701.	6 dams-------	8	6,927	4.5	314
Herd Owner, Hanna Coal Co., Duncanwood.	Difference---	(5-4-5)	+1,454	+.4	+95
GRAY HAVEN CORKING TRIUMPH 346204----------	11 daughters-	11	6,323	4.7	300
Born, 3-5-43; proved, 4-17-50; dead; Ohio.	6 daughters--	6	6,280	4.8	301
Sire, 244893; dam, 615151.	6 dams-------	6	7,253	5.0	362
Used in Northern Ohio Co-op. A. B. A.	Difference---	(2-1-1)	-973	-.2	-61
GREEN MEADS HI-LIGHT 254997----------	27 daughters-	35	9,119	4.6	423
Born, 9-3-37; proved, 4-7-50;----; Conn.	21 daughters-	23	9,472	4.7	443
Sire, 216866; dam, 516578.	21 dams------	50	9,186	4.5	413
Herd Owner, Deep Lake Farm, Lakeville.	Difference---	(13-16-13)	+286	+.2	+30

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
KLONDIKE KOMBINE 336755----------	11 daughters-	16	6,945	4.8	330
Born, 3-5-43; proved, 4-26-50;----; Maine.	10 daughters-	14	7,021	4.7	333
Sire, 193529; dam, 346281.	10 dams------	17	7,374	5.0	366
Used in Maine Co-op. A. B. A.	Difference---	(5-3-4)	-353	-.3	-33
LANGWATER DARIUS 289244 *12----------	14 daughters-	19	10,125	4.6	466
Born, 10-17-39; proved, 4-18-50;----; N. H.	13 daughters-	18	10,227	4.6	473
Sire, 252899; dam, 501195.	13 dams------	38	8,956	5.0	449
Used in New Hampshire A. B. A.	Difference---	(10-4-8)	+1,271	-.4	+24
LANGWATER MAN O'WAR 262547----------	13 daughters-	20	8,337	4.5	377
Born, 12-20-37; proved, 4-13-50;----; Conn.	7 daughters--	12	8,654	4.5	390
Sire, 236364; dam, 501197.	7 dams-------	16	7,507	4.8	361
Herd Owner, Alfred H. Wright & Son, West Goshen.	Difference---	(4-2-4)	+1,147	-.3	+29
LANGWATER WIZARD 322342----------	14 daughters-	19	7,912	5.0	394
Born, 5-19-42; proved, 4-26-50;----; Pa.	7 daughters--	10	7,599	5.1	385
Sire, 252897; dam, 377458.	7 dams-------	16	7,866	5.0	395
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(4-3-3)	-267	+.1	-10
MAKEFIELD GLENTAMRAC 313218----------	7 daughters--	10	8,533	4.9	420
Born, 8-18-41; proved, 4-13-50;----; Pa.	7 dams-------	34	7,321	4.9	360
Sire, 207056; dam, 526053.	Difference---	(6-4-5)	+1,212	.0	+60
Herd Owner, Monroe C. Gutman, New Hope.					
MCDONALD FARMS HOMER 327931----------	9 daughters--	13	8,445	4.7	400
Born, 6-25-42; proved, 4-7-50;----; Wis.	9 dams-------	39	8,649	4.5	389
Sire, 212227; dam, 483094.	Difference---	(4-7-6)	-204	+.2	+11
Used in Dane Co-op. A. B. A.					
MCDONALD FARMS IMPERIAL 345986----------	12 daughters-	12	7,241	5.2	375
Born, 6-10-43; proved, 4-14-50; alive; Va.	8 daughters--	8	7,260	5.2	379
Sire, 293925; dam, 638756.	8 dams-------	16	9,022	4.7	427
Herd Owner, W. S. Dickinson, Fredericksburg.	Difference---	(1-7-2)	-1,762	+.5	-48
MCDONALD FARMS IMPRESSIVE 342719----------	16 daughters-	16	9,269	5.0	464
Born, 2-8-43; proved, 4-19-50;----; Conn.	14 daughters-	14	9,285	5.0	461
Sire, 276554; dam, 523718.	14 dams------	52	8,975	4.9	441
Used in Connecticut A. B. A., Inc.	Difference---	(8-9-8)	+310	+.1	+20
MEADOW LODGE TRAVELER 326996----------	6 daughters--	8	8,166	5.2	426
Born, 12-2-42; proved, 4-17-50; alive; Kans.	6 dams-------	22	7,515	4.9	368
Sire, 302147; dam, 647977.	Difference---	(3-6-4)	+651	+.3	+58
Herd Owner, Ivan Green, Erie.					
OAK PARK'S PAL 323567 *(Mar. 1949)----------	17 daughters-	26	9,546	5.0	481
Born, 8-30-42; proved, 4-26-50;----; Oreg.	10 daughters-	15	9,781	5.2	509
Sire, 193853; dam, 533185.	10 dams------	26	10,304	4.9	509
Used in Oregon A. B. A.	Difference---	(3-8-5)	-523	+.3	0
PINE RIDGE HONESTY 365713----------	7 daughters--	7	9,342	5.3	496
Born, 9-25-44; proved, 4-28-50;----; Minn.	7 dams-------	22	9,176	5.2	480
Sire, 205677; dam, 603244.	Difference---	(3-6-5)	+166	+.1	+16
Used in Southern Minnesota A. B. A.					
REVILO ROYAL'S DUKE 348209----------	6 daughters--	7	6,849	5.0	342
Born, 11-22-43; proved, 4-13-50;----; Oreg.	5 daughters--	6	6,452	5.0	321
Sire, 273159; dam, 525443.	5 dams-------	10	7,379	4.9	363
Herd Owner, H. C. Maynard, McMinnville.	Difference---	(2-4-2)	-927	+.1	-42
RIEGELDALE EMORY'S RADIANT 319987----------	9 daughters--	12	8,800	4.6	406
Born, 2-19-42; proved, 4-7-50; alive; Ohio.	9 dams-------	21	7,629	4.7	355
Sire, 254801; dam, 579030.	Difference---	(7-5-7)	+1,171	-.1	+51
Herd Owner, Loch Lomond Farm, Powell.					
ROMULUS OF THE GLEN 228636----------	10 daughters-	20	8,717	4.8	419
Born, 6-22-35; proved, 4-14-50;----; R. I.	8 daughters--	17	8,936	4.8	426
Sire, 175900; dam, 320110.	8 dams-------	31	8,309	4.8	403
Herd Owner, M. M. Van Buren, Newport.	Difference---	(5-4-5)	+627	.0	+23
SOMERS FARMS CO-STAR 356455----------	7 daughters--	7	8,549	5.0	429
Born, 1-16-44; proved, 4-14-50;----; Ind.	7 dams-------	19	7,455	5.1	377
Sire, 311572; dam, 408948.	Difference---	(5-3-5)	+1,094	-.1	+52
Herd Owner, James Orville Miller & Son, Avilla.					
SPLENDID SON OF DUCHESS 198576----------	9 daughters--	12	7,713	4.9	380
Born, 8-28-31; proved, 4-13-50; dead; Maine.	7 daughters--	7	7,502	5.0	374
Sire, 173901; dam, 164712.	7 dams-------	20	7,260	4.6	334
Herd Owner, Corey Bubar & Son, St. Albans.	Difference---	(3-6-5)	+242	+.4	+40
SUPREME'S SUPERMAN 351671----------	8 daughters--	10	7,759	5.0	386
Born, 11-1-42; proved, 4-13-50;----; Ind.	8 dams-------	12	6,712	4.7	318
Sire, 285428; dam, 692547.	Difference---	(5-6-8)	+1,047	+.3	+68
Herd Owner, William Hill, Garrett.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TRONKEEL GLAMOUR 351658----------	8 daughters--	8	7,419	5.0	372
Born, 2-3-44; proved, 4-13-50; alive; Va.	8 dams-------	32	9,462	4.5	429
Sire, 286651; dam, 530414.	Difference---	(0-8-1)	-2,043	+.5	-57
Herd Owner, Beaver Dam Dairy, Buchanan.					
VALLEY GEM PARADO 347223----------	7 daughters--	8	10,671	4.9	527
Born, 8-18-43; proved, 4-13-50;----; Wash.	7 dams-------	26	10,682	4.8	517
Sire, 299090; dam, 382599.	Difference---	(3-4-3)	-11	+.1	+10
Herd Owner, B. W. Blair, Walla Walla.					
WALNUT CREST PROPHET'S SLOGAN 365457----------	5 daughters--	5	10,810	5.2	557
Born, 10-19-44; proved, 4-5-50; alive; Maine.	5 dams-------	17	9,549	5.1	485
Sire, 333442; dam, 653299.	Difference---	(4-1-5)	+1,261	+.1	+72
Used in Massachusetts A. B. A., Inc., Mass.					
WAUKEEN COMET 279122----------	7 daughters--	16	7,413	4.9	363
Born, 3-22-39; proved, 4-26-50;----; Calif.	7 dams-------	21	8,368	4.7	393
Sire, 200496; dam, 293506.	Difference---	(3-7-4)	-955	+.2	-30
Herd Owner, A. J. Bianchi, Point Reyes.					
WETHERSFIELD MAJESTY 332819 *(Apr. 1949)----------	15 daughters-	21	9,915	4.8	479
Born, 10-28-42; proved, 4-17-50; alive; Maine.	13 daughters-	19	9,900	4.8	473
Sire, 276283; dam, 523912.	13 dams------	22	7,790	4.9	385
Used in Maine Co-op. A. B. A.	Difference---	(12-3-11)	+2,110	-.1	+88
WETHERSFIELD RASCAL 303185 *(June 1949)----------	12 daughters-	15	8,691	4.5	392
Born, 8-10-40; proved, 4-17-50;----; N. H.	10 daughters-	12	8,655	4.5	390
Sire, 215967; dam, 543038.	10 dams------	36	8,442	4.7	399
Used in New Hampshire A. B. A.	Difference---	(6-6-4)	+213	-.2	-9

HOLSTEIN SIRES

BAKER FARM KID 819714----------	6 daughters--	9	9,364	3.6	341
Born, 8-6-40; proved, 4-6-50;----; N. H.	5 daughters--	8	9,333	3.6	340
Sire, 707662; dam, 1881608.	5 dams-------	15	8,725	3.4	299
Herd Owner, George A. Bassett, Fremont.	Difference---	(3-5-4)	+608	+.2	+41
BURKE FORES ABBEKERK 833599 *(Mar. 1949)----------	43 daughters-	64	13,240	3.6	474
Born, 11-17-40; proved, 4-26-50;----; Pa.	37 daughters-	58	13,662	3.6	487
Sire, 761977; dam, 2003121.	37 dams------	101	11,941	3.5	416
Used in Nepa Co-op. A. B. A.	Difference---	(28-25-29)	+1,721	+.1	+71
CARD FARM MONA DE KOL 816116----------	6 daughters--	8	13,141	3.4	447
Born, 10-11-40; proved, 4-26-50;----; N. Y.	5 daughters--	7	12,698	3.4	434
Sire, 753676; dam, 1649641.	5 dams-------	9	12,560	3.4	425
Herd Owner, Stuart Nevinger, Warsaw.	Difference---	(2-4-2)	+138	.0	+9
CARNATION DRAFTSMAN 873313----------	9 daughters--	12	15,127	3.5	526
Born, 12-16-42; proved, 4-28-50;----; Minn.	9 dams-------	26	11,808	3.4	396
Sire, 771562; dam, 2138542.	Difference---	(9-4-9)	+3,319	+.1	+130
Used in Southern Minnesota A. B. A.					
CARNATION HOMESTEAD LUNDE MODEL 842734----------	7 daughters--	8	15,208	3.3	506
Born, 12-3-41; proved, 4-5-50; alive; Minn.	5 daughters--	6	14,979	3.3	492
Sire, 629472; dam, 1840657.	5 dams-------	13	12,656	3.2	406
Herd Owner, Carl K. Lunde & Sons, Hayward.	Difference---	(4-4-4)	+2,323	+.1	+86
CARNATION TEMPTATION 842724----------	13 daughters-	13	14,018	3.6	499
Born, 11-1-41; proved, 4-25-50;----; Wash.	5 daughters--	5	12,982	3.4	445
Sire, 771562; dam, 1928857.	5 dams-------	6	16,643	3.4	567
Herd Owner, George Rosellini, Vancouver.	Difference---	(2-4-2)	-3,661	.0	-122
CEYDERMEAD OLLIE CHIEFTAIN 909229----------	9 daughters--	9	14,861	3.7	549
Born, 5-17-44; proved, 4-27-50; alive; N. Y.	8 daughters--	8	14,868	3.7	548
Sire, 760946; dam, 2051924.	8 dams-------	21	12,314	3.5	436
Herd Owner, Nicholas H. Kolk, Goshen.	Difference---	(6-7-8)	+2,554	+.2	+112
CLOVERLANDS SENSATION COUNT FORES 877490----------	13 daughters-	14	12,279	3.7	451
Born, 1-30-43; proved, 4-26-50;----; Vt.	12 daughters-	13	12,405	3.7	457
Sire, 760345; dam, 2018162.	12 dams------	38	11,523	3.5	405
Used in New York Co-op. A. B. A., Inc., N. Y.	Difference---	(9-9-9)	+882	+.2	+52
CLOVER LAWN INKA SIR WAYNE 818138----------	5 daughters--	7	8,796	3.5	310
Born, 2-14-41; proved, 4-26-50;----; Wis.	5 dams-------	11	10,056	3.5	353
Sire, 755247; dam, 1816747.	Difference---	(2-4-2)	-1,260	.0	-43
Herd Owner, Clarence M. Corcoran, Fond du Lac.					
COFFEYDALE SIR PAUL ORMSBY 843096----------	8 daughters--	14	10,358	3.7	387
Born, 1-3-42; proved, 4-27-50;----; Mich.	5 daughters--	11	10,482	4.0	415
Sire, 769915; dam, 1495784.	5 dams-------	11	11,316	3.6	402
Herd Owner, Kenneth Hobart, Unionville.	Difference---	(2-5-3)	-834	+.4	+13

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
COLONY AAGGIE SIR ROMEO 785376 *(Sept. 1949)----------	18 daughters-	23	11,262	3.6	403
Born, 9-5-36; proved, 4-18-50; dead; Ohio.	7 daughters--	8	12,275	3.5	431
Sire, 495741; dam, 183971 CHB.	7 dams-------	22	10,995	3.6	397
Used in Central Ohio Co-op. A. B. A.	Difference---	(7-2-4)	+1,280	-.1	+34
DEC KING BESSIE CANARY 812853----------	9 daughters--	11	10,693	3.7	392
Born, 10-8-40; proved, 4-6-50; alive; Minn.	6 daughters--	7	11,104	3.6	399
Sire, 667791; dam, 1520359.	6 dams-------	21	11,460	3.6	411
Herd Owner, Carl E. Larson, Milaca.	Difference---	(2-4-3)	-356	.0	-12
DON SEGIS BESSIE BOY 818969----------	13 daughters-	30	11,634	3.5	407
Born, 10-29-40; proved, 4-13-50;----; Pa.	5 daughters--	12	11,905	3.5	416
Sire, 746590; dam, 1937758.	5 dams-------	18	12,900	3.5	448
Herd Owner, Harry Kerr, Centerville.	Difference---	(1-2-1)	-995	.0	-32
DUNLOGGIN BOLD MASTER 873083----------	7 daughters--	8	14,128	3.4	486
Born, 2-20-43; proved, 4-17-50;----; N. Y.	5 daughters--	6	15,127	3.4	521
Sire, 667915; dam, 1595126.	5 dams-------	20	13,273	3.5	462
Herd Owner, Joseph Brill, Stone Ridge.	Difference---	(3-3-4)	+1,854	-.1	+59
DUNLOGGIN X ADEGIS 848063----------	17 daughters-	21	13,816	3.5	485
Born, 3-21-42; proved, 4-28-50;----; Pa.	17 dams------	53	11,797	3.5	410
Sire, 793004; dam, 2057455.	Difference---	(13-11-14)	+2,019	.0	+75
Used in Lehigh Valley Co-op. A. B. A.					
EBENEZER PIPER CARNATION BUTTER 821413----------	6 daughters--	9	12,118	3.5	427
Born, 1-6-41; proved, 4-26-50;----; Ill.	5 daughters--	8	11,733	3.5	415
Sire, 787087; dam, 1891694.	5 dams-------	19	12,343	3.5	429
Herd Owner, Henke Brothers, Tinley Park.	Difference---	(2-4-3)	-610	.0	-14
ECKLORA POSCH FOBES SUPREME 868927 *13----------	16 daughters-	34	13,543	3.5	475
Born, 8-29-42; proved, 4-19-50;----; Minn.	13 daughters-	29	13,734	3.5	479
Sire, 701072; dam, 1662866.	13 dams------	47	12,436	3.5	431
Herd Owner, Gust N. Annexstad & Sons, St. Peter.	Difference---	(10-8-8)	+1,298	.0	+48
FARMINGTON SIR HEILO FONDA 820034----------	5 daughters--	9	12,490	3.2	406
Born, 12-21-40; proved, 4-17-50; dead; Ill.	5 dams-------	26	11,861	3.3	386
Sire, 752676; dam, 1724596.	Difference---	(4-2-3)	+629	-.1	+20
Herd Owner, Ben Stumpf, Waterloo.					
FOBES NIRVANA EDUCATOR 848629----------	6 daughters--	8	11,464	3.3	383
Born, 2-8-42; proved, 4-6-50;----; Wis.	5 daughters--	6	11,410	3.4	382
Sire, 753825; dam, 2054061.	5 dams-------	16	10,864	3.5	380
Herd Owner, A. E. Lorfeld, Newton.	Difference---	(4-3-3)	+546	-.1	+2
FRANLO MERCEDES COLANTHUS 815243----------	9 daughters--	10	8,997	3.6	322
Born, 2-1-40; proved, 4-18-50;----; Minn.	5 daughters--	5	9,632	3.5	342
Sire, 119663 CHB; dam, 2066825.	5 dams-------	13	9,881	3.6	360
Herd Owner, C. H. Mueller & Sons, Lewiston.	Difference---	(3-3-3)	-249	-.1	-18
HALLROSE HAZEL MIDNIGHT 833343----------	7 daughters--	7	15,953	3.3	528
Born, 10-30-41; proved, 4-19-50;----; Oreg.	5 daughters--	5	15,981	3.3	532
Sire, 719640; dam, 2068924.	5 dams-------	10	12,608	3.5	439
Herd Owner, A. C. Carleton, Merrill.	Difference---	(4-2-4)	+3,373	-.2	+93
HIGHFIELD LADDIE SENSATION 809635----------	5 daughters--	5	10,717	3.8	409
Born, 11-11-39; proved, 4-18-50;----; Mass.	5 dams-------	7	10,539	3.4	363
Sire, 652621; dam, 1430273.	Difference---	(3-4-4)	+178	+.4	+46
Herd Owner, Ward McCarthy, Tyringham.					
HUFF JOHANNA WAYNE 837450 *13----------	21 daughters-	41	11,399	3.6	414
Born, 1-23-42; proved, 4-12-50; alive; N. Y.	21 dams------	93	11,948	3.5	416
Sire, 743032; dam, 2103407.	Difference---	(8-16-12)	-549	+.1	-2
Used in Southeastern A. B. A., N. C.					
INKA SUPREME GOVERNOR 815160----------	11 daughters-	17	11,871	3.6	424
Born, 9-11-36; proved, 4-25-50;----; Ohio.	8 daughters--	14	11,768	3.6	424
Sire, 109964 CHB; dam, 275646 CHB.	8 dams-------	16	12,347	3.5	435
Herd Owner, Marvin E. Hostetler, Orrville.	Difference---	(3-5-5)	-579	+.1	-11
IODAK BURKE ORMSBY LOREA (TWIN) 839765----------	5 daughters--	5	10,497	3.6	381
Born, 10-1-41; proved, 4-5-50;----; Iowa.	5 dams-------	23	13,882	3.4	475
Sire, 696994; dam, 1595598.	Difference---	(0-3-0)	-3,385	+.2	-94
Herd Owner, Carl A. Lund & Sons, Curlew.					
JOE OOSTIE COLANTHA 813044----------	5 daughters--	9	10,915	3.5	387
Born, 10-20-39; proved, 4-26-50;----; Tex.	5 dams-------	14	10,225	3.5	361
Sire, 727288; dam, 1697569.	Difference---	(3-2-3)	+690	.0	+26
Herd Owner, Neale Farms, Waco.					
KING BESSIE BELLE LIEUTENANT 813542----------	9 daughters--	9	9,945	3.5	349
Born, 9-7-40; proved, 4-14-50; dead; Minn.	6 daughters--	6	9,656	3.5	340
Sire, 708264; dam, 1789322.	6 dams-------	19	10,111	3.4	344
Used in Southern Minnesota A. B. A.	Difference---	(2-4-3)	-455	+.1	-4

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
KING STYLIST MONOGRAM 814186----------	7 daughters--	12	9,676	3.5	336
Born, 2-1-39; proved, 4-19-50;----; Iowa.	6 daughters--	11	9,737	3.4	332
Sire, 724902; dam, 1310943.	6 dams-------	13	9,714	3.5	339
Herd Owner, Russell Sage, Jesup.	Difference---	(2-3-2)	+23	-.1	-7
KNOLLWOOD RENEGADE CHIEFTAIN 844276 *(May 1949)----------	18 daughters-	27	14,145	3.7	520
Born, 2-11-42; proved, 4-25-50;----; Ill.	16 daughters-	24	14,150	3.7	521
Sire, 695631; dam, 2120494.	16 dams------	70	13,173	3.5	459
Used in New Hampshire A. B. A., N. H.	Difference---	(10-11-11)	+977	+.2	+62
MAPLE GARDEN SIR TEDDY ROMEO 842234----------	7 daughters--	10	11,816	3.4	402
Born, 9-2-41; proved, 4-25-50;----; Idaho.	6 daughters--	8	11,652	3.4	400
Sire, 760969; dam, 1536640.	6 dams-------	8	12,639	3.4	426
Herd Owner, Irvin Ehlers, Twin Falls.	Difference---	(3-4-3)	-987	.0	-26
MATCHLESS FOBES HOMESTEAD 827663----------	15 daughters-	16	10,838	3.5	385
Born, 10-30-40; proved, 4-26-50;----; Ohio.	6 daughters--	6	10,517	3.7	384
Sire, 747714; dam, 1978157.	6 dams-------	8	12,023	3.4	406
Used in Northern Ohio Co-op. A. B. A.	Difference---	(1-6-2)	-1,506	+.3	-22
MONTVIC CHIEFTAIN LOCHINVAR 871376----------	7 daughters--	9	11,777	3.6	427
Born, 12-15-42; proved, 4-12-50;----; Conn.	5 daughters--	6	12,132	3.5	426
Sire, 855938; dam, 2335499.	5 dams-------	11	14,203	3.5	494
Herd Owner, Windfall Farm, Lakeville.	Difference---	(1-3-2)	-2,071	.0	-68
MOOSE LAKE EMPEROR SENATOR 869645----------	11 daughters-	13	11,619	3.4	397
Born, 1-27-43; proved, 4-28-50;----; Minn.	6 daughters--	7	11,457	3.5	400
Sire, 808693; dam, 1898622.	6 dams-------	8	8,444	3.2	272
Used in Floodwood Co-op. A. B. A.	Difference---	(6-5-6)	+3,013	+.3	+128
NORTH STAR AMBASSADOR 818405----------	12 daughters-	13	15,044	3.7	553
Born, 1-25-41; proved, 4-28-50;----; N. Mex.	5 daughters--	5	17,024	3.6	617
Sire, 742938; dam, 1975664.	5 dams-------	11	13,114	3.5	457
Herd Owner, Los Poblanos Ranch, Albuquerque.	Difference---	(4-3-4)	+3,910	+.1	+160
OLIVER EMBLEM CANARY GOLZ 811793----------	7 daughters--	8	12,377	4.0	490
Born, 10-11-40; proved, 4-26-50;----; Wis.	6 daughters--	7	12,641	4.0	503
Sire, 796949; dam, 1907021.	6 dams-------	16	12,621	3.5	447
Herd Owner, C. S. Franklin & Sons, Evansville.	Difference---	(3-6-5)	+20	+.5	+56
OOSTIE HOMESTEAD PIEBE 787141 *12----------	18 daughters-	34	13,710	3.6	487
Born, 3-27-39; proved, 4-19-50;----; Mich.	17 daughters-	33	13,587	3.5	482
Sire, 707706; dam, 1783357.	17 dams------	69	13,776	3.3	449
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(8-15-11)	-189	+.2	+33
OPHELIA PATHFINDER SUCCESSOR 893168----------	5 daughters--	5	14,186	3.6	509
Born, 6-15-43; proved, 4-27-50;----; W. Va.	5 dams-------	9	11,917	3.3	395
Sire, 795841; dam, 1959312.	Difference---	(5-4-5)	+2,269	+.3	+114
Herd Owner, Greenbrier Military School Dairy, Lewisburg.					
ORMSBY WALKER INKA SEGIS 834423----------	13 daughters-	19	11,726	3.6	418
Born, 11-16-41; proved, 4-25-50;----; Mass.	7 daughters--	8	11,454	3.6	411
Sire, 792112; dam, 2064708.	7 dams-------	16	11,411	3.4	392
Herd Owner, John A. Davis & Sons, Sterling Junction.	Difference---	(4-5-4)	+43	+.2	+19
PEBBLE BEACH PRINCE KATE 889312----------	6 daughters--	6	12,525	3.7	462
Born, 9-14-43; proved, 4-6-50; alive; N. Y.	5 daughters--	5	13,242	3.7	483
Sire, 837025; dam, 2272570.	5 dams-------	14	11,729	3.4	397
Used in New York Co-op. A. B. A., Inc.	Difference---	(4-5-5)	+1,513	+.3	+86
PENDER VALLEY AAGGIE ORMSBY PRINCE 826412----------	12 daughters-	19	11,500	3.8	442
Born, 10-27-40; proved, 4-18-50;----; N. Y.	7 daughters--	9	10,840	3.9	421
Sire, 743033; dam, 1791923.	7 dams-------	31	12,215	3.8	466
Herd Owner, Philip Pendergast & Daughters, Skaneateles.	Difference---	(3-6-3)	-1,375	+.1	-45
POSCH WINTERTHUR ORMSBY SUNNY SIDE 867684----------	5 daughters--	5	10,668	3.3	354
Born, 12-25-42; proved, 4-17-50;----; Pa.	5 dams-------	12	9,177	3.7	338
Sire, 666928; dam, 1963799.	Difference---	(4-2-4)	+1,491	-.4	+16
Herd Owner, Mrs. Harry O. Kimmel, Shelocta.					
RAYMONDALE INKA BOY 812779----------	6 daughters--	6	13,677	3.5	478
Born, 2-7-40; proved, 4-18-50;----; Mich.	5 daughters--	5	13,629	3.5	471
Sire, 107552 CHB; dam, 306532 CHB.	5 dams-------	20	12,919	3.8	493
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-2-2)	+710	-.3	-22
RIVERFLAT ADMIRAL BLANCHE 822159----------	10 daughters-	16	12,307	3.5	426
Born, 11-6-40; proved, 4-12-50;----; Conn.	7 daughters--	11	11,876	3.5	419
Sire, 707606; dam, 1656551.	7 dams-------	10	11,961	3.6	436
Herd Owner, Oliver Scranton, Guilford.	Difference---	(4-2-3)	-85	-.1	-17
RIVERHILL ORMSBY PIEBE 905168----------	11 daughters-	11	12,847	3.9	502
Born, 11-4-43; proved, 4-17-50; alive; Vt.	8 daughters--	8	12,349	3.9	485
Sire, 712121; dam, 1618348.	8 dams-------	19	11,641	3.6	417
Herd Owner, M. W. Clark, Williston.	Difference---	(5-7-8)	+708	+.3	+68

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ROYAL DIRECT COLANTHA KORNDYKE 805779----------	9 daughters--	14	10,210	3.7	382
Born, 6-7-40; proved, 4-7-50; dead; Mass.	6 daughters--	11	10,682	3.7	390
Sire, 598396; dam, 1602513.	6 dams-------	22	11,594	3.5	404
Herd Owner, Homer S. & C. H. Prouty, Furnace.	Difference---	(2-6-4)	-912	+.2	-14
SEQUOIA ROMEO A Z 887103----------	10 daughters-	11	14,865	3.9	574
Born, 1-24-43; proved, 4-28-50;----; Calif.	9 daughters--	10	15,082	3.8	579
Sire, 778125; dam, 2101592.	9 dams-------	14	14,885	3.5	527
Used in San Pasqual A. B. A., Inc.	Difference---	(6-7-7)	+197	+.3	+52
SHANLEY RAG APPLE DEAN (TWIN) 887915----------	10 daughters-	10	12,962	3.3	434
Born, 4-29-43; proved, 4-28-50;----; Wis.	10 dams------	33	10,002	3.5	351
Sire, 839331; dam, 2349487.	Difference---	(9-4-9)	+2,960	-.2	+83
Herd Owner, Felix Doerfert, Woodland.					
SILVERLEA TOM ORMSBY PRINCE 877526----------	7 daughters--	9	11,887	4.0	478
Born, 12-10-42; proved, 4-25-50;----; Mich.	7 dams-------	25	11,144	3.5	396
Sire, 814676; dam, 2164235.	Difference---	(5-7-6)	+743	+.5	+82
Used in Michigan Co-op. A. B. A., Inc.					
SIR GLORIA BELMONT 818172----------	8 daughters--	16	11,814	3.6	423
Born, 6-17-40; proved, 4-12-50;----; Ind.	6 daughters--	11	12,083	3.6	433
Sire, 665171; dam, 1675643.	6 dams-------	21	11,985	3.8	453
Herd Owner, Glen E. Walther, Silver Lake.	Difference---	(3-2-2)	+98	-.2	-20
SIR INKA HEMLOCK HUFF 812450 *13----------	12 daughters-	18	9,989	3.4	340
Born, 12-19-40; proved, 4-12-50;----; N. Y.	11 daughters-	17	9,955	3.4	337
Sire, 728771; dam, 1780917.	11 dams------	35	9,162	3.4	314
Herd Owner, W. J. Hart & Son,Piffard.	Difference---	(8-5-6)	+793	.0	+23
SIR PAULINE INKA MAY TONEY 747678 *10----------	42 daughters-	95	11,377	3.5	404
Born, 11-21-37; proved, 4-14-50; dead; N. Y.	40 daughters-	92	11,419	3.5	404
Sire, 728771; dam, 1713641.	40 dams------	153	12,662	3.6	455
Herd Owner, Hugh Ladley & Sons, Piffard.	Difference---	(12-19-11)	-1,243	-.1	-51
SIR SUPREME DESIGN 826554----------	9 daughters--	9	11,077	3.9	429
Born, 4-28-41; proved, 4-18-50; dead; N. J.	7 daughters--	7	11,208	3.9	438
Sire, 738106; dam, 1960746.	7 dams-------	25	11,866	3.5	417
Herd Owner, Simpkins Brothers, Yardville.	Difference---	(3-7-4)	-658	+.4	+21
SIR TRANSMITTER MODEL PRIDE 872422 *13----------	9 daughters--	10	14,564	3.5	516
Born, 10-22-42; proved, 4-28-50;----; Ill.	9 dams-------	27	13,192	3.7	490
Sire, 754520; dam, 1958998.	Difference---	(5-2-6)	+1,372	-.2	+26
Used in Northern Ohio Co-op. A. B. A., Ohio.					
SIR WAYNE POSCH FOBES 843447----------	8 daughters--	8	10,712	3.4	359
Born, 3-5-41; proved, 4-25-50;----; Ill.	7 daughters--	7	10,795	3.4	365
Sire, 743481; dam, 1671516.	7 dams-------	17	10,048	3.4	346
Herd Owner, Brookside Farms, Caledonia.	Difference---	(4-3-4)	+747	.0	+19
TRITOMIA MONK 822185----------	18 daughters-	33	10,883	3.6	394
Born, 2-26-41; proved, 4-12-50;----; Iowa.	6 daughters--	9	11,479	3.6	411
Sire, 750903; dam, 2110151.	6 dams-------	15	11,166	3.7	410
Herd Owner, A. E. Smith & John W. Ingels, Maynard.	Difference---	(3-2-2)	+313	-.1	+1
TYLER FARMS RAG APPLE WOOD 846938 *13----------	12 daughters-	23	11,235	3.4	380
Born, 12-28-41; proved, 4-25-50;----; N. H.	12 dams------	47	11,205	3.4	382
Sire, 827071; dam, 1984993.	Difference---	(6-7-6)	+30	.0	-2
Used in New Hampshire A. B. A.					
U-MO MAN-O-WAR MONARCH 876629----------	7 daughters--	8	11,174	3.8	424
Born, 12-6-42; proved, 4-26-50; alive; Mo.	7 dams-------	31	12,488	3.7	465
Sire, 639850; dam, 2065312.	Difference---	(1-5-3)	-1,314	+.1	-41
Used in M. F. A. A. B. A.					
VENTNOR ELI FOBES ORMSBY 890360 *(Nov. 1949)----------	9 daughters--	13	14,308	3.9	560
Born, 10-22-43; proved, 4-20-50;----; Ill.	9 dams-------	33	11,976	3.8	460
Sire, 771132; dam, 2083901.	Difference---	(7-5-8)	+2,332	+.1	+100
Used in Kentucky A. B. A., Ky.					
WAIT FARM CORNUCOPIA LAD JABEZ 813396----------	8 daughters--	12	10,017	3.7	370
Born, 11-28-40; proved, 4-26-50;----; N. Y.	5 daughters--	6	10,297	3.8	393
Sire, 740582; dam, 1656910.	5 dams-------	14	10,521	3.7	388
Herd Owner, Steuben County Farm, Bath.	Difference---	(3-3-2)	-224	+.1	+5
WAKEFIELD GRAND SLAM 919745----------	6 daughters--	6	13,848	3.3	462
Born, 10-2-43; proved, 4-14-50;----; Mich.	6 dams-------	20	10,948	3.4	376
Sire, 150030 CHB; dam, 334098 CHB.	Difference---	(6-2-5)	+2,900	-.1	+86
Herd Owner, Charles Miller & Sons, Sandusky.					
WEBER HAZELWOOD BURKE RAVEN 909839----------	13 daughters-	13	14,864	3.5	526
Born, 3-31-44; proved, 4-20-50;----; Kans.	10 daughters-	10	15,204	3.5	534
Sire, 758103; dam, 2104304.	10 dams------	20	16,308	3.3	540
Herd Owner, Jake Zarnowski, Newton.	Difference---	(2-9-5)	-1,104	+.2	-6

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WIMBLEDON OLLIE EMPEROR 750270 *13----------	33 daughters-	63	13,186	3.7	494
Born, 4-5-37; proved, 4-24-50;----; Wis.	27 daughters-	48	13,147	3.7	484
Sire, 671030; dam, 1383819.	27 dams------	42	13,048	3.5	461
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).	Difference---	(13-20-18)	+99	+.2	+23
WINFARM BLACKMOUNT GOVERNOR 792318 *12----------	24 daughters-	60	10,601	3.6	377
Born, 9-17-39; proved, 4-24-50;----; N. H.	23 daughters-	58	10,707	3.6	381
Sire, 743663; dam, 1783677.	23 dams------	83	10,936	3.5	381
Used in New Hampshire A. B. A.	Difference---	(11-19-11)	-229	+.1	0

JERSEY SIRES

BESSIE BOBBETTE OBSERVER 450892----------	6 daughters--	7	8,721	5.8	509
Born, 9-8-43; proved, 4-12-50;----; Iowa.	5 daughters--	5	8,841	5.8	510
Sire, 378562; dam, 1196459.	5 dams-------	14	6,259	5.7	356
Herd Owner, Russell Hawkins, Nashua.	Difference---	(5-3-5)	+2,582	+.1	+154
BRAMPTON ROYAL GOLD 412101----------	18 daughters-	25	7,951	4.8	386
Born, 8-5-39; proved, 4-18-50;----; Utah.	6 daughters--	8	8,069	4.7	379
Sire, 93098 CJCC; dam, 88918 CJCC.	6 dams-------	6	8,241	4.8	394
Herd Owner, Smoot Jersey Farm, Centerville.	Difference---	(4-3-4)	-172	-.1	-15
COPPELIA'S MIGHTY SUCCESSOR 414403----------	36 daughters-	51	7,006	5.1	359
Born, 10-27-39; proved, 4-25-50;----; Ky.	10 daughters-	13	6,563	5.2	342
Sire, 339065; dam, 976052.	10 dams------	17	6,971	5.1	357
Herd Owner, Perry B. Gaines Estate, Carrollton.	Difference---	(3-5-3)	-408	+.1	-15
DESIGN BLONDE SIR 440224----------	11 daughters-	15	6,171	4.9	301
Born, 7-18-41; proved, 4-14-50;----; Ohio.	10 daughters-	14	6,304	4.9	311
Sire, 373402; dam, 1116995.	10 dams------	23	8,065	4.7	381
Herd Owner, Ray Williams, Hilliards.	Difference---	(1-7-1)	-1,761	+.2	-70
DREAMING CORONATION STAR 439835----------	15 daughters-	18	7,709	5.3	412
Born, 7-5-42; proved, 4-12-50;----; Pa.	8 daughters--	10	7,923	5.5	432
Sire, 399195; dam, 938222.	8 dams-------	42	7,207	5.4	389
Used in Nepa Co-op. A. B. A.	Difference---	(6-5-6)	+716	+.1	+43
ENA OBSERVER PIONEER 441979----------	10 daughters-	13	6,394	5.5	352
Born, 8-17-42; proved, 4-17-50; dead; Mo.	9 daughters--	12	6,374	5.6	354
Sire, 420187; dam, 1272103.	9 dams-------	37	5,989	5.5	331
Herd Owner, Fred Sombart & Son, Boonville.	Difference---	(5-6-5)	+385	+.1	+23
GOLD BOND VOLUNTEER 448998----------	6 daughters--	8	7,565	5.5	420
Born, 6-13-43; proved, 4-28-50;----; Ohio.	5 daughters--	6	7,514	5.6	420
Sire, 357879; dam, 1216211.	5 dams-------	10	6,928	5.3	367
Herd Owner, Grundish Dairy, Saint Marys.	Difference---	(3-4-3)	+586	+.3	+53
GOLDEN CHIEF SYBIL VICTOR 448259----------	9 daughters--	9	8,479	4.6	393
Born, 5-10-43; proved, 4-13-50; dead; Mass.	6 daughters--	6	8,385	4.7	390
Sire, 362091; dam, 1198262.	6 dams-------	14	9,808	4.7	462
Herd Owner, Lauredo Farm, Southboro.	Difference---	(2-3-2)	-1,423	.0	-72
GOLDEN VALLEYMEAD OWL 448261----------	8 daughters--	8	7,608	6.0	457
Born, 9-27-40; proved, 4-19-50;----; Vt.	8 dams-------	25	7,217	5.3	385
Sire, 341224; dam, 1123722.	Difference---	(4-8-5)	+391	+.7	+72
Herd Owner, Charles K. Jones, Waitsfield.					
JESTER DESIGN LASSIE OXFORD 459579----------	7 daughters--	8	8,295	5.5	455
Born, 7-2-42; proved, 4-26-50;----; Ohio.	7 dams-------	20	7,215	5.2	373
Sire, 383575; dam, 1094439.	Difference---	(6-5-6)	+1,080	+.3	+82
Herd Owner, Hearthstone Farm, Urbana.					
LILAC REMUS CHIEFTAIN 406867 *13----------	32 daughters-	73	8,253	5.2	433
Born, 11-17-39; proved, 4-25-50;----; Mass.	20 daughters-	49	8,081	5.2	419
Sire, 328497; dam, 1159024.	20 dams------	52	8,668	5.1	441
Used in New Hampshire A. B. A., N. H.	Difference---	(7-14-8)	-587	+.1	-22
LILAC REMUS UNRIVALED ZANO 448866----------	5 daughters--	6	6,172	5.3	329
Born, 5-14-43; proved, 4-19-50;----; Vt.	5 dams-------	25	6,525	5.1	330
Sire, 409293; dam, 1077773.	Difference---	(2-4-3)	-353	+.2	-1
Herd Owner, Chester P. Child, South Pomfret.					
PHOENIX SOPHIE OWL FOX 357462 *5----------	17 daughters-	59	8,815	5.6	494
Born, 1-19-33; proved, 4-28-50; dead; Va.	14 daughters-	50	8,833	5.6	491
Sire, 222930; dam, 669323.	14 dams------	86	7,762	6.0	462
Herd Owner, Montpelier Farm, Orange.	Difference---	(10-3-8)	+1,071	-.4	+29
PINNACLE DOMINO 446507 *(July 1949)----------	17 daughters-	19	8,192	5.4	439
Born, 7-23-42; proved, 4-28-50;----; Calif.	16 daughters-	18	8,086	5.4	434
Sire, 100201 CJCC; dam, 1336769.	16 dams------	24	9,764	4.8	464
Herd Owner, Charles A. Judson, Escondido.	Difference---	(3-14-7)	-1,678	+.6	-30

JERSEY SIRES	Animals	Records averaged	Milk	Fat	Fat
	Number	Number	Pounds	Percent	Pounds
SCOTTISH VOLUNTEER OXFORD 447766----------	12 daughters-	15	6,391	5.3	346
Born, 2-12-43; proved, 4-25-50;----; Oreg.	9 daughters--	11	5,699	5.3	301
Sire, 410047; dam, 1180411.	9 dams-------	19	5,920	5.3	314
Herd Owner, Mark Jersey Farm, Aurora.	Difference---	(3-3-2)	-221	.0	-13
STANDARD FOX VOLUNTEER 417644 *13----------	19 daughters-	38	8,052	5.4	437
Born, 10-26-40; proved, 4-19-50;----; Vt.	18 daughters-	37	8,186	5.4	446
Sire, 54242 CJCC; dam, 1275293.	18 dams------	86	7,797	5.5	425
Used in New Hampshire A. B. A., N. H.	Difference---	(13-9-9)	+389	-.1	+21
STILLMEADOW MARS 456437----------	7 daughters--	8	7,392	6.0	446
Born, 9-22-43; proved, 4-25-50;----; Mich.	7 dams-------	28	7,491	5.3	395
Sire, 411119; dam, 1150356.	Difference---	(3-6-5)	-99	+.7	+51
Used in Michigan Co-op. A. B. A., Inc.					
SYBIL KING VICTORY CHIEF 441317----------	14 daughters-	17	5,746	5.1	296
Born, 5-31-42; proved, 4-12-50;----; Wash.	7 daughters--	8	5,573	5.0	281
Sire, 397663; dam, 1224626.	7 dams-------	12	6,852	5.2	356
Herd Owner, J. C. Mathews, White Salmon.	Difference---	(0-3-0)	-1,279	-.2	-75
SYBIL OWL APOLLO 460440----------	6 daughters--	6	8,850	5.2	460
Born, 3-22-44; proved, 4-7-50;----; N. J.	6 dams-------	30	8,791	5.4	478
Sire, 396681; dam, 1077774.	Difference---	(3-2-3)	+59	-.2	-18
Used in Plainsboro A. B. A.					
VOLUNTEER SYBIL LAD SIGNAL 439599----------	16 daughters-	20	7,290	5.2	380
Born, 4-25-42; proved, 4-14-50;----; Idaho.	13 daughters-	15	7,118	5.2	373
Sire, 365924; dam, 1178967.	13 dams------	35	7,153	5.5	391
Herd Owner, Walter A. Howard, Emmett.	Difference---	(8-2-6)	-35	-.3	-18
WONDER MEDAL SUCCESSOR 446103----------	8 daughters--	9	9,084	5.8	528
Born, 8-6-42; proved, 4-14-50; alive; Ohio.	7 daughters--	7	9,137	5.8	528
Sire, 403265; dam, 1139216.	7 dams-------	15	8,857	5.7	504
Used in Central Ohio Co-op. A. B. A.	Difference---	(4-5-4)	+280	+.1	+24
WORLD DESIGN 433856 *13----------	11 daughters-	26	8,123	5.3	429
Born, 9-25-41; proved, 4-19-50;----; Mich.	7 daughters--	16	8,053	5.1	415
Sire, 101251 CJCC; dam, 1326114.	7 dams-------	19	7,655	5.3	407
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(4-2-6)	+398	-.2	+8

RED DANE SIRES

51*D554 (EARTAG) *13----------	19 daughters-	38	8,505	4.2	357
Born, 1-15-42; proved, 4-17-50; alive; Mich.	17 daughters-	36	8,607	4.2	358
Sire, 51*D533; dam, 51*D28.	17 dams------	69	8,151	3.9	317
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(11-15-13)	+456	+.3	+41

AMERICAN DAIRY CATTLE CLUB SIRES

ELMWOOD FARMS ROYAL SNOWDROP 416
(This sire is also a registered Guernsey "Elmwood Farms Royal Snowdrop 321998." Proved Sire data included in Guernsey listing.)

HUFF JOHANNA WAYNE 951
(This sire is also a registered Holstein "Huff Johanna Wayne 837450." Proved Sire data included in Holstein listing.)

SIR PAULINE INKA MAY TONEY 772
(This sire is also a registered Holstein "Sir Pauline Inka May Toney 747678." Proved Sire data included in Holstein listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol 26, No. 6

June 1950

SIRES IN ARTIFICIAL-BREEDING ASSOCIATIONS

Of the 2,104 sires reported in service in artificial-breeding associations on January 1, 1950, 760, or 36.1 percent, have 5 or more daughters with DHIA production records. The following tables provide additional information about the 760 sires.

Table 1.-Production records of daughters of 760 ABA sires, by breed.

Breed	Sires	Daughters	Production records	Daughters' production 1/		
				Milk	Butterfat	
	Number	Number	Number	Pounds	Percent	Pounds
Ayrshire----	45	808	1,717	9,466	4.2	393
Brown Swiss-	43	638	1,186	10,889	4.1	448
Guernsey----	179	2,527	4,202	8,494	4.9	415
Holstein----	346	7,948	13,279	12,673	3.6	459
Jersey------	138	2,129	3,828	7,921	5.3	422
Red Dane----	4	138	287	7,949	4.2	334
Shorthorn---	5	52	82	7,665	3.9	302
Total-----	760	14,240	24,581	-----	-----	-----
Average---	-----	-----	-----	10,477	4.2	436

1/ 305-day, twice-a-day milking, mature-equivalent basis.

Table 2.-Distribution of sires with 5 or more daughters, by breed, arranged according to the butterfat production level of their daughters.

Butterfat production range of daughters	Number of sires (by breed)							
	Ayrshire	Brown Swiss	Guernsey	Holstein	Jersey	Red Dane	Shorthorn	Total
Pounds	Number	Number	Number	Number	Number	Number	Number	Number
225-274	-----	-----	-----	-----	-----	-----	1	1
275-324	1	2	5	1	5	1	3	18
325-374	12	2	33	11	19	3	1	81
375-424	24	10	70	88	44	-----	-----	236
425-474	6	16	46	128	52	-----	-----	248
475-524	2	9	20	75	13	-----	-----	119
525-574	-----	3	3	35	5	-----	-----	46
575 and over	-----	1	2	8	-----	-----	-----	11
Total	45	43	179	346	138	4	5	760

DHIA PROVED-SIRE RECORDS TABULATED IN MAY 1950

Following is a list of 238 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in May 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 13 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AYRLAND GREAT GIFT 70284----------	6 daughters--	8	6,676	4.4	292
Born, 12-24-40; proved, 5-31-50;----; N. Y.	5 daughters--	7	6,965	4.4	309
Sire, 53900; dam, 115025.	5 dams-------	19	9,014	4.0	361
Herd Owner, Fred I. Emmick, Norwich.	Difference---	(0-5-1)	-2,049	+.4	-52
FILLMORE MINUTE MAN 68978----------	6 daughters--	7	7,622	4.4	333
Born, 11-27-41; proved, 5-2-50;----; N. H.	6 dams-------	19	7,725	4.1	319
Sire, 48093; dam, 139993.	Difference---	(4-5-5)	-103	+.3	+14
Herd Owner, Brook Hill Farm, Tilton.					
GOOD ACRES GOVERNOR 70760 *(June 1949)----------	14 daughters-	22	9,143	4.4	400
Born, 7-13-42; proved, 5-8-50;----; N. H.	13 daughters-	20	9,262	4.4	406
Sire, 51943; dam, 180347.	13 dams------	72	9,590	4.0	383
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(5-12-8)	-328	+.4	+23
LANEWAY BUCCANEER SPOT 69162----------	6 daughters--	9	6,579	4.2	274
Born, 12-14-41; proved, 5-31-50;----; W. Va.	6 dams-------	14	7,849	4.1	320
Sire, 44210; dam, 122200.	Difference---	(0-5-1)	-1,270	+.1	-46
Herd Owner, Fair View Farm, Morgantown.					
LETO'S ALLSPICE 74221 *(Mar. 1949)----------	12 daughters-	20	9,470	4.4	419
Born, 1-23-43; proved, 5-11-50; dead; W. Va.	12 dams------	30	8,153	4.4	358
Sire, 61872; dam, 170304.	Difference---	(9-7-10)	+1,317	.0	+61
Used in West Virginia Co-op. A. B. A.					
LIPPITT GLENN HIGH 69853----------	13 daughters-	22	7,293	4.0	289
Born, 4-9-42; proved, 5-12-50; dead; Minn.	8 daughters--	14	7,563	3.9	299
Sire, 45019; dam, 147180.	8 dams-------	20	6,884	3.5	239
Herd Owner, Chambers & Schear, Owatonna.	Difference---	(5-8-6)	+679	+.4	+60
MARY LOU'S MONEYMAKER 69500----------	15 daughters-	16	7,791	3.9	305
Born, 12-27-41; proved, 5-17-50;----; Ohio.	14 daughters-	15	7,834	3.9	307
Sire, 57784; dam, 222361.	14 dams------	58	7,667	3.9	298
Herd Owner, James A. McConnell & Son, Wellington.	Difference---	(7-10-8)	+167	.0	+9
OHIO SUNNY HIRAM 73684 *(Nov. 1949)----------	11 daughters-	15	10,307	4.3	442
Born, 4-22-43; proved, 5-3-50;----; Pa.	11 dams------	49	9,097	4.1	377
Sire, 48748; dam, 237638.	Difference---	(8-8-8)	+1,210	+.2	+65
Used in Nepa Co-op. A. B. A.					
PENN AYR STATESMAN 69955----------	7 daughters--	11	9,222	4.4	402
Born, 2-6-41; proved, 5-3-50;----; Pa.	6 daughters--	8	9,082	4.4	401
Sire, 47399; dam, 154370.	6 dams-------	22	9,468	4.2	396
Herd Owner, Penn Ayr Farm, Camp Hill.	Difference---	(2-5-3)	-386	+.2	+5
PENN SPRING SIR ROBERT 74654 *(Jan. 1950)----------	8 daughters--	8	10,016	3.9	390
Born, 6-29-43; proved, 5-12-50; alive; Md.	8 dams-------	26	7,525	3.8	289
Sire, 48728; dam, 201245.	Difference---	(8-5-8)	+2,491	+.1	+101
Herd Owner, Rosardan Farms, Sparks.					
REYMANN ADVOCATE 7TH 71032----------	9 daughters--	10	11,926	4.1	492
Born, 7-20-42; proved, 5-17-50;----; Conn.	9 dams-------	47	11,466	4.1	470
Sire, 63071; dam, 148107.	Difference---	(6-5-6)	+460	.0	+22
Used in West Virginia Co-op. A. B. A., W. Va.					
REYMANN LINDY 4TH 66566 *(Nov. 1949)----------	22 daughters-	27	10,538	4.3	454
Born, 3-24-41; proved, 5-8-50;----; Pa.	19 daughters-	24	10,632	4.3	457
Sire, 35953; dam, 148107.	19 dams------	81	9,617	4.1	394
Used in Nepa Co-op. A. B. A.	Difference---	(14-16-16)	+1,015	+.2	+63
SILVER RUN MONITOR 70695----------	15 daughters-	15	9,002	4.1	370
Born, 6-23-42; proved, 5-23-50;----; Md.	6 daughters--	6	[illegible]	4.0	364
Sire, 46502; dam, 197751.	6 dams-------	7	8,185	3.8	307
Herd Owner, Hesson Brothers, New Windsor.	Difference---	[illegible]	[illegible]	+.2	+57
SPRING CRESS CARLO KING 69461----------	12 daughters-	13	[illegible]	[illegible]	[illegible]
Born, 1-[illegible], proved, 5-8-50;----; Pa.	5 daughters--	7	[illegible]	[illegible]	343
Sire, 60[illegible]; dam, 188[illegible]32.	5 dams-------	10	[illegible]	[illegible]	[illegible]
Herd Owner, Robert Harnish, Christiana.	Difference---	(4-4-4)	+1,166	[illegible]	[illegible]

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SPRING CRESS DIRECTOR 75581----------	11 daughters-	11	8,621	3.7	318
Born, 11-4-43; proved, 5-17-50;----; Md.	11 dams------	38	8,720	4.0	342
Sire, 41931; dam, 188128.	Difference---	(6-2-5)	-99	-.3	-24
Used in Maryland Co-op. A. B. A., Inc.					
SPRING CRESS WAR MAN 69462----------	5 daughters--	7	8,286	3.9	324
Born, 2-21-42; proved, 5-12-50;----; Pa.	5 dams-------	20	9,318	4.1	381
Sire, 55196; dam, 179226.	Difference---	(0-2-0)	-1,032	-.2	-57
Herd Owner, J. Franklin Keefer, Millersburg.					

BROWN SWISS SIRES

BEAUTY'S MAIDEN LUCILE'S BOB 55215----------	10 daughters-	13	10,842	4.0	438
Born, 10-26-41; proved, 5-25-50;----; Ill.	7 daughters--	9	11,355	4.0	458
Sire, 42940; dam, 75462.	7 dams-------	14	11,035	3.9	426
Herd Owner, Glen F. Fultz, Rantoul.	Difference---	(5-5-5)	+320	+.1	+32
BRIGHT'S LOUISE REX 53226----------	9 daughters--	12	8,401	4.1	343
Born, 3-11-41; proved, 5-11-50;----; Iowa.	7 daughters--	9	8,857	4.0	359
Sire, 38932; dam, 54550.	7 dams-------	12	8,113	3.8	308
Herd Owner, Orville A. Anderson, Story City.	Difference---	(5-7-6)	+744	+.2	+51
BUSTER OF SWISS LANE FARM 54754----------	9 daughters--	10	9,739	3.9	375
Born, 8-15-41; proved, 5-25-50;----; Mich.	9 dams-------	43	11,557	4.1	474
Sire, 38157; dam, 59109.	Difference---	(3-2-3)	-1,818	-.2	-99
Herd Owner, Swiss Lane Farms, Grand Blanc.					
DOREEN'S SWISS COLLEGE BOY OF LEE'S HILL 38049 *9----------	22 daughters-	54	10,362	4.2	433
Born, 5-2-37; proved, 5-10-50; alive; N. Y.	21 daughters-	53	10,520	4.2	439
Sire, 16543; dam, 26911.	21 dams------	107	10,503	4.0	416
Used in New York Co-op. A. B. A., Inc.	Difference---	(12-18-12)	+17	+.2	+23
EMMA'S ROYAL OF SWISS HAVEN 55205----------	6 daughters--	6	9,736	4.1	401
Born, 7-25-42; proved, 5-11-50;----; Mass.	6 dams-------	32	9,256	4.0	366
Sire, 33535; dam, 84187.	Difference---	(4-5-3)	+480	+.1	+35
Herd Owner, Eldroot Farm, Inc., Uxbridge.					
HYCREST ROYAL NICK 65421----------	5 daughters--	6	13,568	4.1	562
Born, 2-11-43; proved, 5-15-50;----; Mass.	5 dams-------	18	10,628	4.3	457
Sire, 37565; dam, 85256.	Difference---	(3-2-3)	+2,940	-.2	+105
Used in Massachusetts A. B. A., Inc.					
JUDD'S BRIDGE DON 64879----------	6 daughters--	6	13,524	3.8	515
Born, 4-24-44; proved, 5-15-50;----; Iowa.	5 daughters--	5	13,258	3.8	510
Sire, 48672; dam, 74522.	5 dams-------	11	12,184	3.8	469
Used in Eastern Iowa A. B. A., Inc.	Difference---	(3-3-4)	+1,074	.0	+41
LASSIE'S BARBETTE J. B. 46379 *13----------	16 daughters-	32	10,383	4.0	415
Born, 2-14-40; proved, 5-10-50;----; Ind.	14 daughters-	29	10,404	4.0	413
Sire, 34504; dam, 52775.	14 dams------	55	10,103	3.8	386
Used in Northwestern Minnesota A. B. A., Minn.	Difference---	(7-10-9)	+301	+.2	+27
MAIDEN'S BETTY BOY J. B. 42937 *12----------	18 daughters-	52	10,622	4.2	442
Born, 8-22-38; proved, 5-22-50;----; Minn.	18 dams------	72	11,638	4.0	461
Sire, 27137; dam, 62286.	Difference---	(7-16-8)	-1,016	+.2	-19
Used in South Dakota Co-op. A. B. A., S. Dak.					
MATADOR OF LILLY SWISS 57639----------	6 daughters--	8	9,291	3.8	350
Born, 9-17-42; proved, 5-26-50;----; Minn.	6 dams-------	12	10,717	3.7	394
Sire, 38631; dam, 57342.	Difference---	(1-4-1)	-1,426	+.1	-44
Herd Owner, Irving Michael, Winona.					
ONALEE HERZOG 53993----------	6 daughters--	10	10,726	4.1	441
Born, 8-27-39; proved, 5-11-50;----; Ohio.	5 daughters--	9	10,252	4.1	423
Sire, 32951; dam, 26320.	5 dams-------	9	11,304	4.1	458
Herd Owner, E. P. Kohli, Lima.	Difference---	(3-4-2)	-1,052	.0	-35
ONWARD SILVER 53307----------	7 daughters--	9	9,850	4.0	396
Born, 4-3-41; proved, 5-23-50;----; Ill.	6 daughters--	8	10,857	4.0	435
Sire, 42600; dam, 77473.	6 dams-------	15	11,917	4.0	482
Herd Owner, Recreation Farm, Sycamore.	Difference---	(2-3-1)	-1,060	.0	-47
PERSIS' PRIVET'S ROYAL 61099----------	5 daughters--	7	9,109	4.2	382
Born, 1-18-43: proved, 5-31-50;----; Wis.	5 dams-------	26	10,956	4.1	451
Sire, 33535; dam, 44973.	Difference---	(0-4-1)	-1,847	+.1	-69
Used in Tri-State Co-op. A. B. A.					
RITOLA'S SUPREME LAD 58364----------	6 daughters--	6	9,672	4.2	408
Born, 10-12-42; proved, 5-31-50;----; Ind.	6 dams-------	23	10,010	3.8	379
Sire, 38340; dam, 68854.	Difference---	(3-5-3)	-338	+.4	+29
Herd Owner, Burton D. Lewis, Lagrange.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
ROYAL'S TRUSTY OF LEE'S HILL 59811----------	11 daughters-	11	9,627	4.7	453
Born, 3-11-43; proved, 5-11-50;----; N. Y.	11 dams------	52	10,272	4.3	438
Sire, 28594; dam, 60600.	Difference---	(5-10-6)	-645	+.4	+15
Used in New York Co-op. A. B. A., Inc.					
ROYAL'S WARRIOR OF LEE'S HILL 62227----------	7 daughters--	7	9,716	4.3	417
Born, 9-13-43; proved, 5-11-50;----; Wis.	7 dams ------	24	10,491	4.2	440
Sire, 28594; dam, 46791.	Difference---	(2-5-3)	-775	+.1	-2
Used in Tri-State Co-op. A. B. A.					
ROYAL V. B. 9TH 54606----------	6 daughters--	7	10,944	4.1	444
Born, 2-20-42; proved, 5-11-50;----; Iowa.	6 dams-------	17	10,602	3.8	403
Sire, 47090; dam, 49855.	Difference---	(4-6-5)	+342	+.3	+41
Herd Owner, Mrs. Rose Hefty & Son, Renwick.					
VIOLA'S ROYAL OF PINE KNOLL 56212----------	5 daughters--	5	9,017	4.3	384
Born, 1-12-42; proved, 5-11-50;----; Iowa.	5 dams-------	24	10,145	4.1	412
Sire, 45126; dam, 57826.	Difference---	(1-5-2)	-1,128	+.2	-28
Herd Owner, Orville A. Thom, Winthrop.					
WALHALLA VALERIAN 56798----------	8 daughters--	11	8,227	4.0	331
Born, 5-20-42; proved, 5-25-50;----; N. Y.	8 dams-------	31	9,271	4.0	373
Sire, 48176; dam, 74255.	Difference---	(2-5-2)	-1,044	.0	-42
Herd Owner, F. L. Jewett & Son, Oneida.					
WONDERWISE OF LEE'S HILL 58032----------	6 daughters--	7	9,700	4.4	429
Born, 12-20-42; proved, 5-12-50;----; Iowa.	6 dams-------	20	8,592	4.2	364
Sire, 31781; dam, 72852.	Difference---	(4-4-5)	+1,108	+.2	+65
Used in Dairy Genetics Co., Inc., (A. B. A.).					

GUERNSEY SIRES

ADELMER'S DUKE OF WINDSOR 248741 *13----------	15 daughters-	30	7,959	4.9	389
Born, 5-14-37; proved, 5-17-50;----; Minn.	10 daughters-	19	8,279	4.8	397
Sire, 205523; dam, 299462.	10 dams------	25	8,212	4.9	400
Used in Dairy Genetics Co., Inc., Iowa (A. B. A.).	Difference---	(5-4-5)	+67	-.1	-3
ANTIETAM ADMIRAL 328154 *(Oct. 1949)----------	21 daughters-	24	6,805	5.1	347
Born, 3-5-42; proved, 5-12-50;----; Pa.	19 daughters-	21	6,888	5.1	351
Sire, 231275; dam, 435372.	19 dams------	53	7,333	5.0	364
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(9-11-9)	-445	+.1	-13
BOULDER BRIDGE COMBINE 354977 *(Aug. 1949)----------	12 daughters-	15	9,543	4.8	459
Born, 1-26-44; proved, 5-22-50;----; Minn.	11 daughters-	13	9,704	4.8	464
Sire, 235690; dam, 540894.	11 dams------	32	8,966	4.9	442
Used in Northwestern Minnesota A. B. A.	Difference---	(8-3-8)	+738	-.1	+22
BOULDER BRIDGE GUIDE 316080 *13----------	15 daughters-	27	7,261	5.4	390
Born, 8-11-41; proved, 5-26-50;----; Minn.	8 daughters--	16	7,100	5.3	379
Sire, 145445; dam, 594321.	8 dams-------	18	7,528	4.8	364
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(1-6-5)	-428	+.5	+15
BOULDER BRIDGE RECORDED 331097 *(May 1949)----------	20 daughters-	29	10,668	4.9	522
Born, 11-9-42; proved, 5-15-50;----; Minn.	15 daughters-	21	10,743	5.0	536
Sire, 259502; dam, 668542.	15 dams------	24	8,127	5.0	410
Used in Minn. Valley & Southern Minn. A. B. A.'s.	Difference---	(13-8-14)	+2,616	.0	+126
BOULDER BRIDGE SEIGNEUR 349213----------	16 daughters-	18	9,197	5.0	458
Born, 10-30-43; proved, 5-24-50;----; Wis.	16 dams------	57	8,235	4.7	389
Sire, 259502; dam, 402061.	Difference---	(12-11-12)	+962	+.3	+69
Used in Tri-State Co-op. A. B. A.					
BURTON LANE'S SARGON HEROIC 335156 *(Mar. 1949)----------	13 daughters-	16	8,969	4.6	413
Born, 4-26-43; proved, 5-23-50;----; Minn.	13 dams------	56	8,656	4.6	397
Sire, 211402; dam, 615311.	Difference---	(8-8-8)	+313	.0	+16
Used in Land O'Lakes Creameries, Inc. (A. B. A.).					
CAUMSETT CAVALIER 327235----------	10 daughters-	14	7,109	4.8	342
Born, 3-27-42; proved, 5-31-50;----; W. Va.	6 daughters--	10	7,433	4.8	354
Sire, 258777; dam, 510364.	6 dams-------	8	6,567	4.4	289
Herd Owner, C. C. Welch, Harrisville.	Difference---	(3-5-4)	+866	+.4	+65
C. F.'S WESTMINSTER 330448 *(July 1949)----------	10 daughters-	17	8,973	5.3	480
Born, 7-21-42; proved, 5-16-50;----; Md.	10 dams------	33	8,777	5.0	439
Sire, 283105; dam, 539190.	Difference---	(5-8-6)	+196	+.3	+41
Used in Maryland Co-op. A. B. A., Inc.					
CHEDCO RELIANCE 264489 *(Nov. 1949)----------	24 daughters-	48	7,212	4.6	333
Born, 8-28-38; proved, 5-23-50;----; Wis.	16 daughters-	28	7,150	4.6	332
Sire, 211731; dam, 332673.	16 dams------	46	6,726	4.9	327
Used in Tri-State Co-op. A. B. A.	Difference---	(9-6-9)	+424	-.3	+5

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
COLDSPRING'S ROMULUS NOBLE 320844 *(Sept. 1949)----------	11 daughters-	17	8,803	4.9	429
Born, 3-9-42; proved, 5-10-50;----; Pa.	8 daughters--	13	8,037	4.9	390
Sire, 227598; dam, 620271.	8 dams-------	25	8,839	4.9	431
Herd Owner, Llan Fair Farms, Pine Grove.	Difference---	(4-3-4)	-802	.0	-41
CORIUM FASHION'S SANDY 237713----------	6 daughters--	23	6,596	5.0	330
Born, 2-9-36; proved, 5-3-50;----; Wis.	6 dams-------	25	6,931	5.0	347
Sire, 214206; dam, 412370.	Difference---	(2-3-3)	-335	.0	-17
Herd Owner, John E. Johnson, Brandon.					
COUNT STERLING 287309 *(June 1949)----------	31 daughters-	68	9,783	5.1	498
Born, 1-5-40; proved, 5-23-50;----; Pa.	20 daughters-	43	9,668	5.0	485
Sire, 227598; dam, 505988.	20 dams------	101	9,408	4.8	448
Used in Nepa Co-op. A. B. A.	Difference---	(12-10-14)	+260	+.2	+37
ELMWOOD FARMS ROYAL MASTER 319654 *(May 1949)----------	23 daughters-	44	9,102	4.8	436
Born, 2-25-42; proved, 5-24-50;----; Ind.	23 dams------	97	8,448	4.6	392
Sire, 279696; dam, 251227.	Difference---	(15-18-16)	+654	+.2	+44
Used in Wisconsin Scientific Breeding Institute, Wis. (A. B. A.).					
ETH-MEAD SHAH 297876 *13----------	14 daughters-	28	8,784	4.9	434
Born, 7-31-40; proved, 5-31-50;----; Mich.	14 dams------	49	8,735	4.9	425
Sire, 97043; dam, 450615.	Difference---	(8-9-8)	+49	.0	+9
Used in Indiana A. B. A., Ind.					
FORWARD FARMS VAGABOND 312690 *(Apr. 1949)----------	21 daughters-	40	7,755	4.7	362
Born, 9-24-41; proved, 5-4-50;----; Vt.	21 dams------	111	7,174	4.7	334
Sire, 287358; dam, 264962.	Difference---	(15-12-14)	+581	.0	+28
Used in New Hampshire A. B. A., N. H.					
GAYLORD'S SQUIRE'S HERITAGE 331114 *(July 1949)----------	10 daughters-	15	8,242	4.8	394
Born, 12-10-42; proved, 5-26-50;----; Wis.	10 dams------	44	7,984	4.6	367
Sire, 216866; dam, 686756.	Difference---	(6-7-6)	+258	+.2	+27
Used in Minn. Valley & Southern Minn. A. B. A.'s., Minn.					
GLENBURNIE ROYAL 358718----------	9 daughters--	9	7,397	5.2	383
Born, 4-2-44; proved, 5-3-50;----; Pa.	6 daughters--	6	7,411	5.3	395
Sire, 249227; dam, 238419.	6 dams-------	19	7,066	4.9	348
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(3-6-4)	+345	+.4	+47
GLENWATER CHALLENGER 352695 *(Dec. 1949)----------	17 daughters-	20	9,914	4.7	462
Born, 6-3-43; proved, 5-24-50;----; Minn.	16 daughters-	18	10,023	4.6	466
Sire, 302835; dam, 608566.	16 dams------	40	8,774	5.0	435
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(11-4-8)	+1,249	-.4	+31
GLORIA'S ACTOR OF EAGLE VALLEY 324668----------	7 daughters--	7	8,646	5.2	452
Born, 6-10-41; proved, 5-31-50;----; Ind.	5 daughters--	5	8,461	5.3	447
Sire, 293481; dam, 400757.	5 dams-------	6	6,607	5.2	341
Herd Owner, C. E. Bash & Co., Huntington.	Difference---	(5-3-5)	+1,854	+.1	+106
GOLDEN WARRIOR OF BIRCH BRAE 289863 *13----------	13 daughters-	19	7,194	5.1	369
Born, 11-23-39; proved, 5-8-50; alive; N. Y.	9 daughters--	12	7,023	5.1	360
Sire, 231556; dam, 365570.	9 dams-------	36	7,898	4.8	379
Used in New York Co-op. A. B. A., Inc.	Difference---	(3-7-5)	-875	+.3	-19
GROTON HOUSE PLATO'S POLITICIAN 263973----------	6 daughters--	7	6,587	4.6	306
Born, 2-22-38; proved, 5-31-50;----; Maine.	5 daughters--	6	6,645	4.4	295
Sire, 238654; dam, 343332.	5 dams-------	12	7,734	4.8	372
Herd Owner, Bill Lowell, Buckfield.	Difference---	(2-2-1)	-1,089	-.4	-77
HILL GIRT TOP CHERUB 302965----------	9 daughters--	21	8,162	5.1	415
Born, 4-27-41; proved, 5-18-50;----; Pa.	5 daughters--	8	7,930	5.1	404
Sire, 206358; dam, 409740.	5 dams-------	13	7,512	5.1	384
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(2-3-2)	+418	.0	+20
IDYLBROOK BURT 334545 *(Apr. 1949)----------	12 daughters-	19	9,227	4.9	449
Born, 12-4-42; proved, 5-31-50;----; N. Y.	12 dams------	48	10,019	4.5	448
Sire, 289248; dam, 585918.	Difference---	(4-10-5)	-792	+.4	+1
Used in Northwestern Minnesota A. B. A., Minn.					
IDYLBROOK CLEOPATRICK 350867 *(Nov. 1949)----------	10 daughters-	13	9,077	4.8	433
Born, 2-13-44; proved, 5-23-50;----; N. Y.	10 dams------	40	8,222	4.7	389
Sire, 170611; dam, 601167.	Difference---	(8-6-7)	+855	+.1	+44
Used in Southeastern A. B. A., N. C.					
IDYLBROOK EUREKA 322660 *13----------	8 daughters--	16	9,759	5.3	517
Born, 4-13-42; proved, 5-8-50; alive; N. Y.	8 dams-------	31	9,533	4.8	458
Sire, 209348; dam, 406932.	Difference---	(6-8-7)	+226	+.5	+59
Used in New York Co-op. A. B. A., Inc.					
JUNIOR KING OF SUNNY DALE 361920----------	6 daughters--	9	7,724	5.1	390
Born, 1-18-43; proved, 5-15-50;----; Iowa.	6 dams-------	18	9,114	5.1	464
Sire, 265276; dam, 523990.	Difference---	(3-3-2)	-1,390	.0	-74
Used in Eastern Iowa A. B. A., Inc.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Lbs.	Percent	Pounds
KENFLEUR'S ALERT LADDIE 301080 *(Apr. 1949)----------	22 daughters-	36	8,662	4.7	407
Born, 12-26-40; proved, 5-15-50; dead; Iowa.	20 daughters-	32	8,667	4.7	405
Sire, 198651; dam, 384059.	20 dams------	68	8,314	4.8	403
Used in Northwestern Minnesota A. B. A., Minn.	Difference---	(13-9-12)	+353	-.1	+2
KENFLEUR'S ROSE'S ALERT 299765 *13----------	12 daughters-	22	9,020	4.6	418
Born, 2-1-41; proved, 5-25-50;----; Ill.	11 daughters-	21	9,026	4.7	422
Sire, 198651; dam, 412587.	11 dams------	20	7,074	4.9	344
Herd Owner, Weaver C. Healey, Loda.	Difference---	(11-4-9)	+1,952	-.2	+78
KLONDIKE KONOVER 315130 *(Sept. 1949)----------	16 daughters-	21	7,908	5.0	398
Born, 12-1-41; proved, 5-22-50;----; Va.	13 daughters-	18	8,237	5.1	420
Sire, 193529; dam, 399223.	13 dams------	46	7,576	4.8	362
Used in Southeastern A. B. A., N. C.	Difference---	(10-10-11)	+661	+.3	+58
KLONDIKE PARAGON AVERY 274638 *13----------	13 daughters-	20	8,886	4.7	415
Born, 2-25-39; proved, 5-4-50; alive; Mich.	11 daughters-	17	8,935	4.7	422
Sire, 251772; dam, 483095.	11 dams------	31	9,245	4.7	433
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(6-6-8)	-310	.0	-11
KLONDIKE VALLEMEDE 278722----------	34 daughters-	56	7,817	4.7	369
Born, 10-5-39; proved, 5-16-50;----; Va.	22 daughters-	35	7,581	4.8	361
Sire, 177240; dam, 442726.	22 dams------	40	6,931	4.9	341
Herd Owner, F. L. Hatcher, Mt. Airy, N. C.	Difference---	(17-9-15)	+650	-.1	+20
LANGWATER PRINCE CHARMING 365820----------	7 daughters--	8	8,234	4.7	384
Born, 3-28-44; proved, 5-15-50;----; Pa.	6 daughters--	6	8,777	4.7	409
Sire, 305406; dam, 738643.	6 dams-------	14	8,101	4.6	372
Herd Owner, Harry Hank, Monongahela.	Difference---	(4-4-4)	+676	+.1	+37
LOCUST LANE MASTER'S HOLLY 326862----------	7 daughters--	7	8,656	4.3	372
Born, 10-11-42; proved, 5-31-50;----; Pa.	7 dams-------	40	6,820	4.8	328
Sire, 292903; dam, 676960.	Difference---	(6-2-5)	+1,836	-.5	+44
Herd Owner, Nellie I. Winter, Lewisburg.					
MCDONALD FARMS FAIR LAD 293524 *12----------	12 daughters-	18	9,641	4.6	440
Born, 4-17-40; proved, 5-25-50;----; Iowa.	12 dams------	38	7,612	4.8	362
Sire, 262516; dam, 628377.	Difference---	(12-5-10)	+2,029	-.2	+78
Used in Eastern Iowa A. B. A., Inc.					
MCDONALD FARMS ILLUSTRIOUS 347034 *(June 1949)----------	11 daughters-	15	8,031	5.1	411
Born, 5-8-43; proved, 5-11-50;----; Md.	10 daughters-	13	8,054	5.1	410
Sire, 293925; dam, 611836.	10 dams------	42	7,759	5.2	400
Used in Loudoun A. B. A., Inc., Va.	Difference---	(7-7-6)	+295	-.1	+10
MCDONALD FARMS INHERITANCE 354789----------	7 daughters--	7	7,284	4.8	348
Born, 12-15-43; proved, 5-16-50;----; Wis.	7 dams-------	23	8,341	4.7	389
Sire, 262516; dam, 650139.	Difference---	(2-4-3)	-1,057	+.1	-41
Used in Badger Co-op. A. B. A.					
MCDONALD FARMS INSPIROR 349256 *(Sept. 1949)----------	16 daughters-	16	9,871	5.0	495
Born, 3-5-43; proved, 5-11-50;----; N. J.	16 dams------	30	8,724	5.1	442
Sire, 262516; dam, 597136.	Difference---	(13-5-13)	+1,147	-.1	+53
Used in New Jersey Co-op. A. B. A.					
NELAN'S KAY'S AMBASSADOR 313014 *(Apr. 1949)----------	16 daughters-	30	8,610	5.0	430
Born, 11-5-40; proved, 5-16-50;----; Pa.	15 daughters-	28	8,457	5.0	421
Sire, 278988; dam, 576838.	15 dams------	65	8,351	4.7	395
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(10-13-10)	+106	+.3	+26
RIEGELDALE EMORY'S NIGHTHAWK 331695----------	12 daughters-	15	7,820	5.3	412
Born, 5-21-42; proved, 5-10-50; dead; Tenn.	8 daughters--	10	7,984	5.2	416
Sire, 254801; dam, 547506.	8 dams-------	9	8,804	4.8	420
Herd Owner, W. J. Smith, Bristol.	Difference---	(4-8-4)	-820	+.4	-4
RIVEREDGE VALDOR'S BUTTER BOY 328355----------	11 daughters-	13	8,546	5.1	432
Born, 8-30-42; proved, 5-31-50;----; Pa.	9 daughters--	11	8,318	5.1	425
Sire, 299144; dam, 524038.	9 dams-------	27	7,410	5.1	379
Herd Owner, Ernest E. Ritter, Winfield.	Difference---	(6-6-7)	+908	.0	+46
ROSEMONT STARGAISER 329609----------	5 daughters--	7	6,920	5.0	349
Born, 9-22-42; proved, 5-31-50;----; Mich.	5 dams-------	12	7,550	4.9	368
Sire, 220140; dam, 636023.	Difference---	(1-3-1)	-630	+.1	-19
Herd Owner, Ray Molyneux, Coopersville.					
ROYAL LEADER OF ELDERBROOK 285124 *12----------	14 daughters-	25	6,897	4.7	326
Born, 10-14-39; proved, 5-31-50;----; Wis.	13 daughters-	24	6,731	4.8	323
Sire, 247725; dam, 469452.	13 dams------	43	7,021	4.9	342
Herd Owner, Magnus E. Oynes, Galesville.	Difference---	(6-7-5)	-290	-.1	-19
ST. JAMES CHAMPION AMBROSE 313697 *(June 1949)----------	12 daughters-	18	8,378	4.6	389
Born, 11-27-41; proved, 5-22-50;----; Ill.	12 dams------	37	8,962	4.8	432
Sire, 244239; dam, 459841.	Difference---	(4-6-4)	-584	-.2	-43
Herd Owner, Percy Goodrich, Gibson City.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
.HANTITUCK DAISY'S MIDNIGHT 321378 *(Apr. 1949)----------	17 daughters-	27	7,464	5.0	376
Born, 1-1-42; proved, 5-16-50;----; Wis.	13 daughters-	19	7,668	5.0	381
Sire, 258560; dam, 433538.	13 dams------	31	6,580	4.7	310
Used in Badger Co-op. A. B. A.	Difference---	(8-9-11)	+1,088	+.3	+71
SKYLINE GRETTA'S CHALLENGER 349272 *(Feb. 1949)----------	14 daughters-	19	10,497	5.1	537
Born, 6-3-43; proved, 5-23-50;----; Nebr.	10 daughters-	15	10,478	5.2	550
Sire, 302835; dam, 300882.	10 dams------	28	8,979	5.1	461
Used in Northwestern Minnesota A. B. A., Minn.	Difference---	(9-6-9)	+1,499	+.1	+89
SPAR HILL PILOT 346701----------	5 daughters--	5	11,848	5.1	605
Born, 10-1-43; proved, 5-3-50;----; Md.	5 dams-------	14	10,776	4.9	527
Sire, 236860; dam, 580289.	Difference---	(3-3-4)	+1,072	+.2	+78
Herd Owner, Twin Meadows Farm, Centerville.					
SPRUCE SHADOWS CHERUB 349419----------	5 daughters--	5	7,707	5.3	411
Born, 2-6-44; proved, 5-15-50;----; Minn.	5 dams-------	11	8,146	4.8	395
Sire, 305405; dam, 691795.	Difference---	(1-4-3)	-439	+.5	+16
Herd Owner, Joseph F. Former, Chaska.					
STEADFAST ALERT 302675 *(Feb. 1949)----------	10 daughters-	14	8,002	5.0	402
Born, 2-1-40; proved, 5-15-50;----; Mo.	10 dams------	21	9,340	4.7	436
Sire, 198651; dam, 333649.	Difference---	(1-7-2)	-1,338	+.3	-34
Used in East Missouri A. B. A.					
TARBELL FARMS PEERLESS VALIANT 332372----------	5 daughters--	8	9,522	4.6	438
Born, 8-27-42; proved, 5-16-50;----; N. Y.	5 dams-------	20	7,378	4.8	357
Sire, 214202; dam, 635424.	Difference---	(5-2-5)	+2,144	-.2	+81
Used in Southeastern Pennsylvania Co-op. A. B. A., Pa.					
TARBELL FARMS ROYAL BLEND 309776----------	13 daughters-	21	9,137	4.7	432
Born, 1-4-41; proved, 5-22-50;----; Ind.	12 daughters-	20	9,052	4.7	427
Sire, 130308; dam, 612863.	12 dams------	38	7,099	5.1	359
Herd Owner, Rea Riggin & Sons, Inc., Muncie.	Difference---	(9-4-8)	+1,953	-.4	+68
TIANNA'S JETHRO 224888 *(May 1949)----------	52 daughters-	80	7,258	5.0	360
Born, 3-11-35; proved, 5-18-50;----; Minn.	23 daughters-	35	7,192	5.0	357
Sire, 143053; dam, 321613.	23 dams------	45	7,559	4.6	351
Used in Floodwood Co-op. A. B. A.	Difference---	(10-19-13)	-367	+.4	+6
TIANNA'S LA NOCE GRANGER 208105----------	33 daughters-	57	7,583	4.9	375
Born, 6-25-32; proved, 5-3-50;----; Minn.	8 daughters--	14	7,942	5.2	410
Sire, 96278; dam, 169079.	8 dams-------	15	7,623	4.8	366
Used in Floodwood Co-op. A. B. A.	Difference---	(4-6-5)	+319	+.4	+44
TRAMORE AMBITION 349037----------	5 daughters--	6	7,435	5.2	388
Born, 3-25-43; proved, 5-22-50;----; Md.	5 dams-------	12	6,984	5.2	360
Sire, 273249; dam, 472257.	Difference---	(3-3-3)	+451	.0	+28
Herd Owner, Otho Horst, Clear Spring.					
WEY ACRES LILIAN'S GRANDEE 294245 *(Aug. 1949)----------	10 daughters-	19	10,185	4.8	487
Born, 6-14-40; proved, 5-31-50;----; Wis.	7 daughters--	15	10,272	4.8	496
Sire, 227277; dam, 335549.	7 dams-------	31	7,826	4.9	387
Herd Owner, Herbert Clausing, Grafton.	Difference---	(7-3-7)	+2,446	-.1	+109
WYCHMERE DAUNTLESS NOBLEMAN 315580 *13----------	12 daughters-	18	10,176	4.6	468
Born, 1-11-42; proved, 5-12-50;----; N. Y.	12 dams------	58	9,439	4.7	440
Sire, 267458; dam, 527968.	Difference---	(9-6-9)	+737	-.1	+28
Used in Nepa Co-op. A. B. A., Pa.					

HOLSTEIN SIRES

ADMIRAL JULE FOBES 862104----------	6 daughters--	8	10,724	3.7	394
Born, 2-25-42; proved, 5-4-50;----; Wis.	6 dams-------	25	9,714	3.8	367
Sire, 789081; dam, 2087150.	Difference---	(5-2-4)	+1,010	-.1	+27
Herd Owner, Robert Kloehn & Son, Forest Junction.					
ADMIRAL PONDEROSA LAD 883237----------	5 daughters--	8	11,340	3.8	428
Born, 11-1-42; proved, 5-17-50;----; Wis.	5 dams-------	19	12,716	3.6	455
Sire, 676723; dam, 2094460.	Difference---	(1-5-1)	-1,376	+.2	-27
Herd Owner, Leonard L. Fischer, Collins.					
BAKER FARM KARNEY 818280 *13----------	19 daughters-	29	10,906	3.6	395
Born, 7-12-40; proved, 5-26-50;----; Pa.	17 daughters-	25	11,048	3.6	403
Sire, 125999 CHB; dam, 2134652.	17 dams------	56	10,777	3.7	395
Used in New Hampshire A. B. A., N. H.	Difference---	(10-10-10)	+271	-.1	+8
BAKER FARM LEGISLATOR 839276----------	7 daughters--	7	10,062	3.5	348
Born, 12-10-41; proved, 5-12-50;----; Vt.	7 dams-------	30	11,247	3.5	395
Sire, 733981; dam, 1758103.	Difference---	(2-2-3)	-1,185	.0	-47
Herd Owner, Bailey Farm, Montpelier.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Fat	[illegible]
	Number	Number	Pounds	Percent	Pounds
BAKER FARM MARQUIS 864898----------	8 daughters--	10	14,002	[illegible]	467
Born, 10-6-42; proved, 5-4-50;----; N. J.	7 daughters--	8	14,292	3.5	496
Sire, 778378; dam, 1770450.	7 dams-------	18	11,714	3.8	442
Herd Owner, John Fox, Vernon.	Difference---	(5-1-4)	+2,578	-.3	+54
BEECHLYN BURKE ORMSBY PRILLY 938242----------	5 daughters--	5	8,245	3.7	304
Born, 8-23-43; proved, 5-31-50;----; Pa.	5 dams-------	9	11,305	3.4	385
Sire, 799843; dam, 2390190.	Difference---	(1-3-0)	-3,060	+.3	-81
Used in Western Pennsylvania Co-op. A. B. A.					
BELLE-GRANT DAD REX 871121 *13----------	13 daughters-	21	13,485	3.8	516
Born, 4-18-42; proved, 5-11-50;----; Mich.	13 dams------	30	15,203	3.4	512
Sire, 726392; dam, 1469805.	Difference---	(3-13-8)	-1,718	+.4	+4
Used in Michigan Co-op. A. B. A., Inc.					
BLEND CAPTAIN OF PURDUE 852994----------	6 daughters--	6	11,148	3.6	401
Born, 4-27-42; proved, 5-3-50;----; Ind.	5 daughters--	5	11,475	3.6	415
Sire, 801186; dam, 1890531.	5 dams-------	11	13,910	3.5	481
Herd Owner, Evansville State Hospital, Evansville.	Difference---	(0-4-1)	-2,435	+.1	-66
CALAMITY FOBES LIBERTY PROMOTER 824335 *13----------	17 daughters-	26	10,997	4.0	444
Born, 3-19-41; proved, 5-15-50;----; Pa.	17 dams------	56	13,422	3.8	513
Sire, 741334; dam, 1531042.	Difference---	(3-14-2)	-2,425	+.2	-69
Used in Nepa Co-op. A. B. A.					
CARNATION ENCHANTER 780769 *(Oct. 1949)----------	33 daughters-	37	10,692	3.8	403
Born, 5-8-39; proved, 5-10-50; dead; Ohio.	20 daughters-	21	11,464	3.8	435
Sire, 682062; dam, 1379047.	20 dams------	26	12,700	3.5	446
Used in Northern Ohio Co-op. A. B. A.	Difference---	(5-15-9)	-1,236	+.3	-11
CARNATION IMPERIAL CAVALIER 863791 *(Mar. 1950)----------	9 daughters--	12	14,938	3.5	524
Born, 11-2-42; proved, 5-24-50;----; Ill.	9 dams-------	33	13,905	3.6	494
Sire, 698462; dam, 1909689.	Difference---	(6-6-6)	+1,033	-.1	+30
Herd Owner, J. Albert Whitcomb, Burnside.					
CARNATION INKA WALKER RENOWN 849705----------	16 daughters-	20	11,758	3.5	416
Born, 3-2-42; proved, 5-3-50;----; Iowa.	9 daughters--	10	11,789	3.5	414
Sire, 771562; dam, 2068730.	9 dams-------	22	12,252	3.2	395
Herd Owner, Elmer Chester, Clarksville.	Difference---	(3-9-6)	-463	+.3	+19
CARNATION MADCAP MARSHALL 903191 *(Feb. 1950)----------	16 daughters-	16	15,517	3.6	555
Born, 11-14-43; proved, 5-4-50;----; Kans.	16 dams------	22	14,307	3.4	491
Sire, 629472; dam, 1077909.	Difference---	(11-9-12)	+1,210	+.2	+64
Used in Evergreen A. B. A., Wash.					
CHIEF PIEBE COUNT GERBEN COLAN HERO 763711 *(Mar. 1949)----	32 daughters-	82	10,498	3.7	386
Born, 10-30-37; proved, 5-23-50; dead; Va.	24 daughters-	59	10,501	3.7	388
Sire, 444088; dam, 1610797.	24 dams------	82	10,315	3.7	378
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(10-17-15)	+186	.0	+10
CHIEFTAIN ORMSBY FOBES 832727 *13----------	18 daughters-	29	11,561	3.9	451
Born, 9-21-41; proved, 5-31-50;----; N. Y.	17 daughters-	27	11,745	3.9	458
Sire, 695631; dam, 2145523.	17 dams------	41	11,362	3.4	383
Used in Broome Co-op. A. B. A., Inc.	Difference---	(9-16-14)	+383	+.5	+75
COTTAGE DRIVE DE KOL MERCEDES 855094----------	7 daughters--	14	11,440	3.6	409
Born, 4-6-42; proved, 5-3-50;----; Ind.	6 daughters--	12	11,441	3.6	412
Sire, 743923; dam, 1976178.	6 dams-------	10	12,100	3.4	413
Herd Owner, Clarence Birk & Harry Layer, Mishawaka.	Difference---	(2-5-3)	-659	+.2	-1
CROWNHURST SEGIS PERFECTION 837231 *13----------	14 daughters-	18	13,021	3.7	484
Born, 7-25-41; proved, 5-24-50;----; N. Y.	11 daughters-	12	13,425	3.8	504
Sire, 719432; dam, 1844695.	11 dams------	30	12,437	3.7	455
Used in Nepa Co-op. A. B. A., Pa.	Difference---	(7-7-10)	+988	+.1	+49
CURTISS CANDY MADCAP JERRY (TWIN) 919608----------	7 daughters--	7	11,917	3.7	446
Born, 8-20-44; proved, 5-24-50;----; Wis.	6 daughters--	6	11,776	3.8	446
Sire, 857486; dam, 2124468.	6 dams-------	13	10,844	3.2	351
Used in Curtiss Candy Co. (A. B. A.).	Difference---	(3-6-5)	+932	+.6	+95
DAUNTLESS DIRECT PIEBE 763900 *12----------	22 daughters-	43	11,390	3.8	435
Born, 10-1-38; proved, 5-23-50;----; N. H.	20 daughters-	41	11,590	3.8	444
Sire, 668530; dam, 1843599.	20 dams------	100	12,128	3.6	434
Used in New Hampshire A. B. A.	Difference---	(8-18-9)	-538	+.2	+10
DON PIETERTJE OLLIE 810980----------	19 daughters-	39	11,158	3.6	398
Born, 11-30-39; proved, 5-3-50;----; N. Y.	5 daughters--	10	11,838	3.5	420
Sire, 738330; dam, 1468873.	5 dams-------	7	13,452	3.1	412
Herd Owner, Glenn Alexander, Cortland.	Difference---	(2-3-3)	-1,614	+.4	+8
DUNLOGGIN MASTER OLIVER 879153 *(Dec. 1949)----------	14 daughters-	17	14,563	3.3	484
Born, 7-31-43; proved, 5-4-50; alive; Ohio.	10 daughters-	12	14,305	3.4	489
Sire, 667915; dam, 1713760.	10 dams------	28	12,902	3.5	447
Used in Northern Ohio Co-op. A. B. A.	Difference---	(8-7-7)	+1,403	-.1	+42

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
DUNLOGGIN MASTER SPICE 829220 *13----------	19 daughters-	24	12,012	3.6	429
Born, 7-29-41; proved, 5-22-50;----; N. Y.	15 daughters-	19	11,893	3.6	427
Sire, 667915; dam, 1575136.	15 dams------	29	10,530	3.7	389
Used in New York Co-op. A. B. A., Inc.	Difference---	(11-7-11)	+1,363	-.1	+38
DUNLOGGIN X SEVEN 866707 *13----------	20 daughters-	31	14,740	3.5	519
Born, 12-18-42; proved, 5-18-50;----; Kans.	13 daughters-	19	14,829	3.6	527
Sire, 793004; dam, 1897967.	13 dams------	28	13,044	3.6	469
Used in Northwest Oklahoma A. B. A., Okla.	Difference---	(9-6-9)	+1,785	.0	+58
DUNLOGGIN X UNDAY 873088----------	6 daughters--	6	11,644	3.6	420
Born, 3-28-43; proved, 5-4-50;----; Pa.	6 dams-------	23	11,768	3.4	404
Sire, 793004; dam, 2186280.	Difference---	(3-4-4)	-124	+.2	+16
Herd Owner, Nichol Turkey Farm, Indiana.					
EAST HAVEN TRIUNE COMMANDER 858889----------	6 daughters--	10	10,937	3.5	379
Born, 5-30-40; proved, 5-17-50;----; Ind.	6 dams-------	14	10,980	3.5	381
Sire, 695886; dam, 1796394.	Difference---	(3-4-3)	-43	.0	-2
Herd Owner, Muscatatuck State School, Butlerville.					
ELLBANK TRIXY SENSATION ADMIRAL 855510----------	8 daughters--	8	11,117	3.8	420
Born, 9-1-41; proved, 5-9-50;----; N. Y.	8 dams-------	31	12,059	3.5	425
Sire, 725627; dam, 2264674.	Difference---	(3-6-3)	-942	+.3	-5
Herd Owner, Jacob Hilpertshauser, Millerton.					
ELMDALE CHALLENGER 911901----------	6 daughters--	6	11,844	3.9	463
Born, 12-10-43; proved, 5-17-50;----; Pa.	5 daughters--	5	12,144	3.9	478
Sire, 741318; dam, 1657859.	5 dams-------	15	13,909	3.5	486
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(1-5-2)	-1,765	+.4	-8
ELMDALE KING BESSIE 876045----------	6 daughters--	7	11,775	3.7	438
Born, 8-19-42; proved, 5-25-50;----; Pa.	5 daughters--	6	11,132	3.8	426
Sire, 814300; dam, 2235268.	5 dams-------	17	12,296	3.6	446
Used in First Pennsylvania Co-op. A. B. A.	Difference---	(1-5-1)	-1,164	+.2	-20
ELMVALE RAG APPLE ARTIS 883725 *(July 1949)----------	9 daughters--	16	12,274	3.5	432
Born, 1-27-43; proved, 5-25-50;----; N. Y.	8 daughters--	14	12,331	3.5	436
Sire, 830269; dam, 1662418.	8 dams-------	24	11,250	3.5	393
Used in New York Co-op. A. B. A., Inc.	Difference---	(5-5-5)	+1,081	.0	+43
ELMWOOD ALLIE ORMSBY SENSATION LAD 883697----------	9 daughters--	11	9,751	3.8	366
Born, 3-4-43; proved, 5-11-50;----; Vt.	6 daughters--	8	10,560	3.8	397
Sire, 762722; dam, 2060160.	6 dams-------	7	10,754	3.5	380
Herd Owner, Bonnyvale Farm, Putney.	Difference---	(3-6-3)	-194	+.3	+17
FIRESTONE POSCH ZOLA 883760----------	7 daughters--	7	10,975	3.8	413
Born, 10-12-42; proved, 5-31-50;----; Ohio.	5 daughters--	5	11,041	3.7	412
Sire, 753583; dam, 1978801.	5 dams-------	14	11,273	3.5	398
Herd Owner, Charles Bauer, Lakeville.	Difference---	(3-4-3)	-232	+.2	+14
FRANLO PIETJE HARK 847076----------	7 daughters--	7	8,299	3.7	308
Born, 12-2-41; proved, 5-24-50;----; Minn.	5 daughters--	5	8,227	3.8	309
Sire, 815245; dam, 2075830.	5 dams-------	8	8,429	3.3	277
Herd Owner, George E. Marckel, Perham.	Difference---	(2-4-3)	-202	+.5	+32
GARDNER RAG APPLE HOMESTEAD 851403----------	10 daughters-	10	11,366	3.8	433
Born, 3-11-42; proved, 5-3-50;----; Ill.	8 daughters--	8	11,362	3.8	429
Sire, 722342; dam, 1941900.	8 dams-------	24	13,214	3.9	511
Herd Owner, Walk Brothers, Neoga.	Difference---	(2-3-2)	-1,852	-.1	-82
GOVERNOR RIGTJE PIEBE SEGIS 882762----------	5 daughters--	5	8,935	3.6	320
Born, 2-22-42; proved, 5-15-50;----; Wis.	5 dams-------	14	10,023	3.6	359
Sire, 679187; dam, 2022961.	Difference---	(2-2-3)	-1,088	.0	-39
Herd Owner, Casper Hansen, Denmark.					
GRANVILLE FORTE INKA MAY 849169----------	9 daughters--	13	10,692	3.4	363
Born, 12-8-41; proved, 5-3-50; dead; N. Y.	8 daughters--	11	10,674	3.4	359
Sire, 705137; dam, 1699452.	8 dams-------	22	11,630	3.4	397
Herd Owner, Ferris Todd, Bovina Center.	Difference---	(2-3-2)	-956	.0	-38
GREENWOOD DEAN JESTER 866146 *(July 1949)----------	17 daughters-	22	12,375	3.6	445
Born, 2-11-43; proved, 5-22-50;----; Pa.	17 dams------	69	12,189	3.5	431
Sire, 769435; dam, 1789193.	Difference---	(8-10-10)	+186	+.1	+14
Used in Lehigh Valley Co-op. A. B. A.					
HALLROSE COMMANDER 855136----------	10 daughters-	10	14,201	3.7	518
Born, 8-21-42; proved, 5-11-50;----; Idaho.	10 dams------	35	14,651	3.4	500
Sire, 705171; dam, 1848360.	Difference---	(6-8-6)	-450	+.3	+18
Herd Owner, George L. Burri, Nampa.					
HARTSBROOK ORMSBY CARL 867412----------	15 daughters-	20	8,817	3.8	339
Born, 9-24-42; proved, 5-22-50;----; N. H.	8 daughters--	10	9,454	3.8	361
Sire, 815143; dam, 2061533.	8 dams-------	27	9,230	3.5	319
Used in New Hampshire A. B. A.	Difference---	(5-8-6)	+224	+.3	+42

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
HYLAND LAD MERCEDES 836442	7 daughters--	17	10,187	3.8	386
Born, 10-10-40; proved, 5-12-50;----; Conn.	5 daughters--	11	10,310	3.7	378
Sire, 120107 CHB; dam, 342997 CHB.	5 dams-------	12	13,361	3.3	438
Herd Owner, Dr. W. D. Mackay, Salisbury.	Difference---	(0-5-0)	-3,051	+.4	-60
INDEPENDENT NORTH STAR KNIGHT 844737	8 daughters--	13	11,425	3.4	384
Born, 4-4-40; proved, 5-11-50;----; Idaho.	6 daughters--	10	11,565	3.3	381
Sire, 564478; dam, 2298220.	6 dams-------	12	11,440	3.4	392
Herd Owner, Edwin W. Ames, Heyburn.	Difference---	(3-3-1)	+125	-.1	-11
KING BESSIE HELENE GYPSIE 867158	12 daughters-	13	10,006	3.3	334
Born, 9-12-42; proved, 5-15-50;----; Minn.	8 daughters--	8	10,072	3.3	334
Sire, 831084; dam, 2133050.	8 dams-------	12	11,645	3.1	365
Herd Owner, Stanley Gregor, Hutchinson.	Difference---	(1-6-2)	-1,573	+.2	-31
KING JEROME KEVIN POSCH 808678 *12	29 daughters-	60	12,000	3.6	431
Born, 4-2-40; proved, 5-31-50;----; N. Y.	17 daughters-	43	12,677	3.6	453
Sire, 767228; dam, 1748661.	17 dams------	47	12,060	3.6	435
Used in New York Co-op. A. B. A., Inc.	Difference---	(8-9-10)	+617	.0	+18
KING ORMSBY MAN-O-WAR AAGGIE 848736	11 daughters-	14	11,270	3.6	404
Born, 12-2-41; proved, 5-26-50;----; Iowa.	8 daughters--	10	11,292	3.5	393
Sire, 764881; dam, 1789922.	8 dams-------	22	10,420	3.7	382
Herd Owner, Lloyd Miller & Son, Waterloo.	Difference---	(5-3-5)	+872	-.2	+11
KNOLLWOOD ALCARTRA CHIEFTAIN 847579	7 daughters--	15	12,660	3.9	497
Born, 12-19-41; proved, 5-18-50;----; N. Y.	5 daughters--	11	13,266	4.0	524
Sire, 103964 CHB; dam, 2034074.	5 dams-------	21	12,816	3.6	465
Used in New York Co-op. A. B. A., Inc.	Difference---	(2-4-4)	+450	+.4	+59
KNOLLWOOD CHIEFTAIN ALCARTRA 863577	5 daughters--	7	12,654	3.9	493
Born, 12-26-42; proved, 5-22-50;----; Wis.	5 dams-------	11	13,070	3.7	478
Sire, 695631; dam, 2103885.	Difference---	(2-4-2)	-416	+.2	+15
Used in Eastern Oklahoma A. B. A., Okla.					
KNOLLWOOD MAJOR 872631 *13	14 daughters-	22	14,018	3.8	529
Born, 4-19-42; proved, 5-4-50; alive; N. Y.	14 dams------	34	12,581	3.6	455
Sire, 805397; dam, 1833794.	Difference---	(10-10-9)	+1,437	+.2	+74
Herd Owner, Gordon C. Baird, Holcomb.					
LAUXMONT ADMIRAL COMBINE 800230 *13	32 daughters-	53	12,377	3.7	456
Born, 12-6-39; proved, 5-31-50;----; Iowa.	28 daughters-	49	12,819	3.7	471
Sire, 696612; dam, 1728928.	28 dams------	99	11,820	3.6	423
Used in Eastern Iowa A. B. A., Inc.	Difference---	(21-19-22)	+999	+.1	+48
LAUXMONT ADRODELLA MONOMARK 854596	9 daughters--	16	9,618	3.3	320
Born, 6-25-42; proved, 5-3-50;----; Pa.	7 daughters--	10	8,990	3.4	302
Sire, 759621; dam, 1774298.	7 dams-------	9	9,811	3.3	327
Herd Owner, Robert E. & Leslie M. Peters, Conneautville.	Difference---	(4-3-4)	-821	+.1	-25
LAUXMONT O PATHFINDER 842933 *(Mar. 1949)	18 daughters-	30	9,412	4.1	390
Born, 1-11-42; proved, 5-24-50;----; Pa.	16 daughters-	28	9,495	4.1	392
Sire, 787409; dam, 1909137.	16 dams------	56	11,350	3.6	410
Used in Nepa Co-op. A. B. A.	Difference---	(4-16-6)	-1,855	+.5	-18
LEARS PRIDE 838844	6 daughters--	10	10,226	3.9	403
Born, 1-15-42; proved, 5-10-50;----; Pa.	6 dams-------	32	10,062	3.7	369
Sire, 706640; dam, 1731493.	Difference---	(3-5-3)	+164	+.2	+34
Herd Owner, Sylvan M. Wood, Carlisle.					
LOC-PINE SUNNY PIEBE 807508 *(Mar. 1949)	18 daughters-	29	11,350	3.8	428
Born, 2-26-40; proved, 5-24-50;----; Pa.	15 daughters-	26	11,738	3.8	445
Sire, 772189; dam, 1633158.	15 dams------	62	10,509	3.7	388
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(11-12-11)	+1,229	+.1	+57
LOOK-FAR STAR POSCH JESS 861488	7 daughters--	8	9,314	3.5	329
Born, 8-13-42; proved, 5-9-50;----; Ill.	5 daughters--	6	8,954	3.7	331
Sire, 742327; dam, 2130591.	5 dams-------	8	12,730	3.4	439
Herd Owner, Clarence Iberg, Highland.	Difference---	(0-4-0)	-3,776	+.3	-108
MAJOR DEEN VAR TRANSMITTER 944771	6 daughters--	6	12,875	3.6	460
Born, 3-2-45; proved, 5-25-50;----; Minn.	6 dams-------	25	12,622	3.3	417
Sire, 877828; dam, 2309979.	Difference---	(2-5-6)	+253	+.3	+43
Used in Minnesota Valley & Southern Minnesota A. B. A.'s.					
MALLARY FARM RAG APPLE KORNDYKE 852940	9 daughters--	9	10,819	3.6	386
Born, 2-13-42; proved, 5-3-50;----; N. H.	7 daughters--	7	10,925	3.5	385
Sire, 653486; dam, 2065609.	7 dams-------	12	10,299	3.5	356
Herd Owner, W. Lyman Peters, Laconia.	Difference---	(4-6-4)	+626	.0	+29
MAN-O-WAR ORMSBY POSCH 30TH 782691 *13	25 daughters-	32	12,861	3.4	437
Born, 1-6-39; proved, 5-31-50;----; Ohio.	20 daughters-	26	13,072	3.4	441
Sire, 691354; dam, 1705419.	20 dams------	60	11,645	3.3	383
Used in Central Ohio Co-op. A. B. A.	Difference---	(13-11-13)	+1,427	+.1	+58

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MAPLE GROVE KORNDYKE GRAND 842567----------	11 daughters-	20	12,580	3.3	418
Born, 12-25-41; proved, 5-3-50;----; Pa.	8 daughters--	16	12,866	3.2	417
Sire, 730066; dam, 1912434.	8 dams-------	21	11,637	3.4	397
Herd Owner, Will Hasbrouck, Titusville.	Difference---	(7-3-5)	+1,229	-.2	+20
MAYTAG ORMSBY FOHES 5TH 858056----------	7 daughters--	9	8,903	3.5	312
Born, 7-18-42; proved, 5-9-50;----; Vt.	7 dams-------	15	11,457	3.5	396
Sire, 784293; dam, 2044085.	Difference---	(1-5-1)	-2,554	.0	-84
Herd Owner, Vermont State Hospital, Waterbury.					
MEIERKORD SIR TRIUNE BABE 781631 *13----------	34 daughters-	60	15,099	3.4	514
Born, 10-3-38; proved, 5-31-50;----; Kans.	20 daughters-	33	15,263	3.4	519
Sire, 600230; dam, 1480040.	20 dams------	35	15,762	3.6	560
Used in Texas A. & M. College, Tex. (A. B. A.).	Difference---	(11-7-6)	-499	-.2	-41
M F SIR PRIDE ADANTHA 846425 *13----------	18 daughters-	34	14,495	3.6	523
Born, 9-24-41; proved, 5-18-50;----; N. Y.	17 daughters-	33	14,264	3.6	512
Sire, 784131; dam, 2209707.	17 dams------	95	13,955	3.5	483
Used in New York Co-op. A. B. A., Inc.	Difference---	(10-13-13)	+309	+.1	+29
MITCHELL FARM SIR INKA HENGERVELD 807201----------	11 daughters-	15	9,971	4.0	400
Born, 8-4-40; proved, 5-3-50;----; Conn.	9 daughters--	10	9,825	3.9	388
Sire, 633761; dam, 1562477.	9 dams-------	38	9,199	4.2	389
Herd Owner, C. Marsden Bacon, Middletown.	Difference---	(6-4-5)	+626	-.3	-1
M M JOHANNA LUDWIG PRILLY 862619----------	5 daughters--	6	8,077	3.6	287
Born, 11-7-42; proved, 5-4-50;----; Wis.	5 dams-------	18	10,326	3.6	376
Sire, 756074; dam, 1922955.	Difference---	(0-3-0)	-2,249	.0	-89
Herd Owner, Elmer Johnson, Ft. Atkinson.					
MONTVIC SENSATION PIETJE 837589 *13----------	28 daughters-	40	13,089	3.4	449
Born, 12-28-41; proved, 5-17-50;----; N. Y.	28 dams------	144	10,748	3.6	388
Sire, 721278; dam, 2016103.	Difference---	(20-11-19)	+2,341	-.2	+61
Used in New York Co-op. A. B. A., Inc.					
NEWMONT MAJOR 18TH 831732----------	12 daughters-	12	10,590	3.7	397
Born, 9-3-41; proved, 5-31-50;----; Ill.	10 daughters-	10	10,664	3.7	394
Sire, 731387; dam, 2029586.	10 dams------	37	11,107	3.4	380
Used in Southern Illinois A. B. A.	Difference---	(3-9-4)	-443	+.3	+14
N J E S CONQUEROR FLORES MIKE (TWIN) 884838----------	13 daughters-	17	13,784	3.7	516
Born, 4-23-43; proved, 5-23-50;----; N. H.	10 daughters-	13	14,084	3.7	522
Sire, 673525; dam, 1851778.	10 dams------	47	15,186	3.5	526
Used in New Hampshire A. B. A.	Difference---	(4-9-6)	-1,102	+.2	-4
N J E S ORMSBY FERN LOGAN 854786----------	7 daughters--	8	11,293	3.7	421
Born, 7-15-42; proved, 5-3-50;----; Vt.	6 daughters--	6	11,318	3.7	421
Sire, 738851; dam, 1851779.	6 dams-------	15	10,193	3.4	348
Herd Owner, Middlebury College Farm, Middlebury.	Difference---	(5-6-6)	+1,125	+.3	+73
N J E S ORMSBY HANSEL LIVELY 872103----------	11 daughters-	14	11,976	3.9	464
Born, 12-5-42; proved, 5-17-50;----; Va.	6 daughters--	8	11,879	3.9	464
Sire, 738851; dam, 1983930.	6 dams-------	7	9,630	3.7	358
Herd Owner, J. T. Bowman & Sons, Harrisonburg.	Difference---	(6-5-6)	+2,249	+.2	+106
OSBORNDALE CHAMPION INKA ORMSBY 782876 *13----------	17 daughters-	31	12,129	3.6	442
Born, 1-11-39; proved, 5-11-50;----; N. Y.	11 daughters-	22	11,556	3.6	416
Sire, 760723; dam, 1918100.	11 dams------	30	11,639	3.6	422
Herd Owner, Fred Meyers & Son, Central Square.	Difference---	(6-6-7)	-83	.0	-6
OSBORNDALE COLONEL TOVARICH 852781----------	9 daughters--	17	11,502	3.6	414
Born, 2-28-42; proved, 5-3-50;----; Pa.	8 daughters--	16	10,900	3.7	399
Sire, 760642; dam, 1968562.	8 dams-------	43	12,400	3.5	432
Herd Owner, John H. Howard, Wyalusing.	Difference---	(2-6-3)	-1,500	+.2	-33
OSBORNDALE DUKE ORMSBY SPITFIRE 869634 *13----------	16 daughters-	22	11,986	3.9	462
Born, 11-7-42; proved, 5-31-50;----; N. Y.	15 daughters-	20	12,012	3.9	465
Sire, 760645; dam, 2072106.	15 dams------	81	12,753	3.8	483
Herd Owner, Cortez J. Pells, Hillsdale.	Difference---	(3-11-4)	-741	+.1	-18
PABST BURKE BELMONT PRIDE 865323----------	5 daughters--	7	15,569	4.3	662
Born, 12-3-42; proved, 5-4-50;----; Colo.	5 dams-------	11	13,985	3.8	529
Sire, 697789; dam, 2181827.	Difference---	(3-5-5)	+1,584	+.5	+133
Herd Owner, C. W. Henry, Greeley.					
PEACHBLOW DUNLOGGIN GOLDPRINT 884958----------	8 daughters--	8	10,636	3.6	384
Born, 7-5-43; proved, 5-31-50;----; N. H.	5 daughters--	5	10,655	3.6	386
Sire, 793004; dam, 2225647.	5 dams-------	12	11,811	3.6	421
Herd Owner, Theodore J. Frizzell, Charlestown.	Difference---	(1-3-2)	-1,156	.0	-35
PEARL SEGIS ORMSBY 843510----------	6 daughters--	8	11,187	3.5	392
Born, 9-3-41; proved, 5-8-50;----; Mich.	5 daughters--	7	11,795	3.6	420
Sire, 742367; dam, 1385594.	5 dams-------	15	11,541	3.6	410
Herd Owner, Fred Shough & Son, Clayton.	Difference---	(4-3-4)	+254	.0	+10

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
PIERE HOESLY CANARY 870191 *13----------	8 daughters--	15	15,638	3.6	563
Born, 6-6-42; proved, 5-10-50;----; Ohio.	8 dams-------	33	16,400	3.4	561
Sire, 698479; dam, 2026573.	Difference---	(3-8-4)	-762	+.2	+2
Used in Central Ohio Co-op. A. B. A.					
RAINBOW SIR BESS ROSE SEGIS 848314 *13----------	21 daughters-	32	17,130	3.5	598
Born, 3-2-42; proved, 5-10-50;----; Mich.	13 daughters-	21	17,359	3.5	615
Sire, 791118; dam, 1680728.	13 dams------	26	13,586	3.5	471
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(12-8-12)	+3,773	.0	+144
ROARING MAPLES CREATOR SIR JANNEK 845797----------	9 daughters--	22	11,193	3.7	414
Born, 2-15-42; proved, 5-8-50;----; Pa.	5 daughters--	12	10,298	3.7	386
Sire, 623217; dam, 1505918.	5 dams-------	16	12,296	3.6	440
Herd Owner, Harold K. Book, Ronks.	Difference---	(1-4-1)	-1,998	+.1	-54
ROLLING KNOLL MASTER POSCH FOBES 874306 *(May 1949)--------	15 daughters-	18	13,124	3.8	499
Born, 11-29-42; proved, 5-31-50;----; Md.	15 dams------	75	12,092	3.9	474
Sire, 769577; dam, 1995129.	Difference---	(8-6-9)	+1,032	-.1	+25
Used in Maryland Co-op. A. B. A., Inc.					
ST CROIXCO OLLIE EMPEROR BELMONT 863177----------	9 daughters--	9	12,467	3.8	474
Born, 8-12-42; proved, 5-4-50; alive; Wis.	8 daughters--	8	12,551	3.8	476
Sire, 750270; dam, 1997740.	8 dams-------	11	10,991	3.9	424
Used in Northwestern Minnesota A. B. A., Minn.	Difference---	(7-3-6)	+1,560	-.1	+52
ST CROIXCO ORMSBY BELMONT DEAN 905404----------	10 daughters-	10	14,502	3.7	543
Born, 11-10-43; proved, 5-26-50;----; Wis.	10 dams------	30	14,820	3.7	546
Sire, 715862; dam, 2273704.	Difference---	(4-7-4)	-318	.0	-3
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.).					
SEELEY BROOK PEBBLE BEACH POSCH 831870 *13----------	16 daughters-	33	12,444	3.5	432
Born, 4-20-41; proved, 5-11-50;----; N. Y.	10 daughters-	20	12,673	3.6	455
Sire, 783448; dam, 1839259.	10 dams------	14	11,660	3.4	401
Used in New York Co-op. A. B. A., Inc.	Difference---	(7-6-7)	+1,013	+.2	+54
SHIAWANA MUTUAL PAUL 862256 *(Feb. 1949)----------	16 daughters-	21	14,454	3.8	551
Born, 11-20-42; proved, 5-10-50;----; Mich.	15 daughters-	20	14,714	3.8	557
Sire, 762103; dam, 1994096.	15 dams------	49	13,211	3.8	497
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(11-8-11)	+1,503	.0	+60
SILVERLEA HARRY ORMSBY PRINCE 886482----------	10 daughters-	12	13,632	3.4	463
Born, 5-23-43; proved, 5-24-50;----; Mich.	10 dams------	32	11,654	3.5	408
Sire, 814676; dam, 1839712.	Difference---	(8-6-9)	+1,978	-.1	+55
Used in Michigan Co-op. A. B. A., Inc.					
SIR BELLMASTER DESIGN 807552 *13----------	22 daughters-	25	13,803	3.6	496
Born, 7-28-40; proved, 5-17-50;----; N. Y.	21 daughters-	24	13,868	3.6	499
Sire, 738106; dam, 1885973.	21 dams------	71	11,411	3.4	388
Used in Rondout A. B. A.	Difference---	(18-19-18)	+2,457	+.2	+111
SIR DOUG BURK GERB COLAN STAR AAGGIE 846622 *(June 1949)---	20 daughters-	28	10,632	3.5	375
Born, 10-27-41; proved, 5-31-50; dead; Pa.	20 dams------	106	11,911	3.5	421
Sire, 660575; dam, 1885988.	Difference---	(6-9-6)	-1,279	.0	-46
Herd Owner, C. S. Gerhard, Blairsville.					
SIR INKA HUFF ORMSBY 769060 *10----------	15 daughters-	52	9,138	3.7	335
Born, 11-21-38; proved, 5-15-50;----; N. Y.	12 daughters-	47	9,034	3.6	325
Sire, 728771; dam, 1713641.	12 dams------	50	9,004	3.6	325
Herd Owner, W. J. Hart & Son, Piffard.	Difference---	(5-6-6)	+30	.0	0
SIR IOWA DONA TIDY BESSIE 847222 *(May 1949)----------	9 daughters--	12	15,644	3.4	539
Born, 3-28-42; proved, 5-24-50;----; Iowa.	8 daughters--	11	15,293	3.5	531
Sire, 771204; dam, 1986126.	8 dams-------	27	14,729	3.3	493
Used in Dairy Genetics Co., Inc. (A. B. A.).	Difference---	(7-6-6)	+564	+.2	+38
SIR REGINALD JEWEL ALICE 835302----------	14 daughters-	17	11,471	3.7	427
Born, 6-12-41; proved, 5-24-50;----; N. J.	8 daughters--	10	11,411	3.8	428
Sire, 799799; dam, 1912748.	8 dams-------	20	11,459	3.5	404
Used in Cooperative A. B. A. #1, Inc.	Difference---	(5-7-6)	-48	+.3	+24
S J C VALLEY EMPEROR STAR 857269 *(Mar. 1949)----------	19 daughters-	46	14,448	3.7	536
Born, 2-19-42; proved, 5-17-50;----; Md.	19 dams------	93	13,443	3.6	483
Sire, 759918; dam, 1490431.	Difference---	(12-15-15)	+1,005	+.1	+53
Used in Southeastern Pennsylvania Co-op. A. B. A., Pa.					
SPINKER ONA CLOTHILDE 858901 *(Mar. 1949)----------	14 daughters-	24	12,360	3.4	421
Born, 8-11-42; proved, 5-31-50;----; Pa.	8 daughters--	14	12,552	3.5	433
Sire, 761155; dam, 1494833.	8 dams-------	22	12,017	3.5	426
Used in Nepa Co-op. A. B. A.	Difference---	(6-3-4)	+535	.0	+7
THREE-PLY CHIEF NINE-O-FIVE PRIDE G C W 830324 *(June 1949)	20 daughters-	43	11,698	3.7	433
Born, 4-20-41; proved, 5-31-50; dead; Pa.	20 dams------	92	12,213	3.4	413
Sire, 738441; dam, 2115379.	Difference---	(7-20-10)	-515	+.3	+20
Herd Owner, James S. Cornell, Blairsville.					

HOLSTEIN SIRES	Animal	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
TRANQUILLITY TRAILBLAZER BOAST 894536 *(Sept. 1949)--------	27 daughters-	34	14,667	3.7	543
Born, 12-13-43; proved, 5-24-50;----; Wis.	26 daughters-	33	14,688	3.7	544
Sire, 854210; dam, 2202928.	26 dams------	84	12,038	3.6	431
Herd Owner, Clinton Stock Farm, Barron.	Difference---	(22-20-23)	+2,650	+.1	+113
TRANSMITTER MODEL PRIDE 825351 *12----------	39 daughters-	91	12,529	3.7	458
Born, 10-27-40; proved, 5-22-50;----; Iowa.	32 daughters-	80	12,130	3.7	447
Sire, 754520; dam, 1958998.	32 dams------	110	11,320	3.8	429
Used in Eastern Iowa A. B. A., Inc.	Difference---	(23-13-20)	+810	-.1	+18
TREE HILL SOVEREIGN 859719----------	8 daughters--	9	9,999	3.3	331
Born, 8-28-42; proved, 5-4-50;----; Va.	6 daughters--	7	10,010	3.4	336
Sire, 676475; dam, 1736562.	6 dams-------	14	10,100	3.3	335
Herd Owner, Cabin Hill Farm, Hanover.	Difference---	(3-4-4)	-90	+.1	+1
TRITOMIA FOBES ORMSBY DE KOL 872775----------	11 daughters-	14	14,234	3.6	510
Born, 12-26-42; proved, 5-23-50;----; Iowa.	10 daughters-	12	13,747	3.6	498
Sire, 825351; dam, 2100451.	10 dams------	36	12,672	3.7	465
Used in Eastern Iowa A. B. A., Inc.	Difference---	(6-5-6)	+1,075	-.1	+33
TYLER FARMS MASTER PERFECTION 893104----------	5 daughters--	5	10,660	3.3	352
Born, 8-9-43; proved, 5-9-50;----; Vt.	5 dams-------	17	11,760	3.2	375
Sire, 698518; dam, 1963394.	Difference---	(1-2-2)	-1,100	+.1	-23
Herd Owner, Charles Hooper, Groton.					
TYLER FARMS RAG APPLE PRIDE LAD 851602----------	11 daughters-	12	10,325	3.5	361
Born, 3-2-42; proved, 5-3-50;----; Vt.	11 dams------	44	11,299	3.4	389
Sire, 827071; dam, 2057739.	Difference---	(4-7-3)	-974	+.1	-28
Herd Owner, George M. Gould, Windsor.					
UTTER LAMOKA POSCH CRUSOE 861712----------	10 daughters-	12	12,494	3.5	436
Born, 10-24-42; proved, 5-25-50;----; N. Y.	9 daughters--	11	12,497	3.5	441
Sire, 817960; dam, 1857661.	9 dams-------	28	11,885	3.3	388
Herd Owner, Owens & Strait, Penn Yan.	Difference---	(6-8-7)	+612	+.2	+53
VISTA LANE PRIDE TIDY FOBES 859119----------	7 daughters--	7	8,782	3.2	285
Born, 12-10-41; proved, 5-4-50;----; Wis.	5 daughters--	5	9,491	3.2	299
Sire, 771552; dam, 1851735.	5 dams-------	11	8,559	3.5	296
Herd Owner, Joseph See, Marshfield.	Difference---	(3-0-3)	+932	-.3	+3
WALKER IMPERIAL PALMYRA JOE 776682----------	41 daughters-	61	12,570	3.8	473
Born, 5-25-38; proved, 5-3-50;----; Pa.	9 daughters--	12	12,208	3.9	475
Sire, 698462; dam, 1771833.	9 dams-------	14	12,591	3.7	465
Herd Owner, Dr. J. E. Strickler, Chambersburg.	Difference---	(5-8-5)	-383	+.2	+10
WALKER SARCASTIC PIEBE 884768----------	5 daughters--	6	12,385	3.8	472
Born, 9-25-43; proved, 5-17-50;----; Pa.	5 dams-------	20	10,554	3.7	387
Sire, 752295; dam, 1847691.	Difference---	(4-5-5)	+1,831	+.1	+85
Herd Owner, Russell S. Eberly, Mechanicsburg.					
WEBCO SIR BESSIE DE KOL 849099----------	5 daughters--	9	8,454	3.8	319
Born, 6-11-41; proved, 5-3-50;----; Minn.	5 dams-------	7	7,162	3.3	240
Sire, 629473; dam, 1769076.	Difference---	(3-5-4)	+1,292	+.5	+79
Herd Owner, Henry G. Borgerding & Wiener Bros., Belgrade.					
WESTCOPA ADMIRAL DELLA 870240----------	7 daughters--	7	11,778	3.4	406
Born, 2-6-43; proved, 5-24-50;----; Pa.	7 dams-------	36	10,997	3.3	360
Sire, 730631; dam, 2019752.	Difference---	(5-6-7)	+781	+.1	+46
Used in Western Pennsylvania Co-op. A. B. A.					
WESTCOPA BUTTER BOY DELLA 818056----------	6 daughters--	7	10,123	3.8	387
Born, 2-14-41; proved, 5-3-50;----; Pa.	5 daughters--	6	10,578	3.9	409
Sire, 730631; dam, 2019754.	5 dams-------	13	11,350	3.4	391
Herd Owner, Park C. Shoesley, Harrisburg.	Difference---	(2-5-4)	-772	+.5	+18
WESTRICK FARMS BURKE ORMSBY FOBES 889549 *(Jan. 1950)------	10 daughters-	12	14,432	3.6	517
Born, 4-9-43; proved, 5-15-50;----; Ind.	10 dams------	26	11,967	3.7	443
Sire, 839850; dam, 2161834.	Difference---	(8-3-7)	+2,465	-.1	+74
Herd Owner, Ben Gerke, Decatur.					
WILLOW RIDGE DICTATOR PILOT 882889----------	6 daughters--	7	11,420	3.5	401
Born, 2-26-43; proved, 5-17-50;----; Pa.	6 dams-------	24	12,779	3.3	419
Sire, 769804; dam, 1438231.	Difference---	(1-6-2)	-1,359	+.2	-18
Herd Owner, Willow Ridge Farm, Willow Grove.					
WIMBLEDON RUBY QUEEN EMPEROR 830714 *(Mar. 1949)----------	30 daughters-	60	12,782	3.7	473
Born, 5-3-41; proved, 5-11-50;----; Pa.	24 daughters-	45	13,121	3.7	486
Sire, 671030; dam, 1837963.	24 dams------	120	11,712	3.6	417
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(17-20-19)	+1,409	+.1	+69
WINTERTHUR SELECT FOBES XAVIER 844664----------	8 daughters--	15	12,923	3.5	454
Born, 1-2-42; proved, 5-15-50;----; N. Y.	5 daughters--	9	13,457	3.5	465
Sire, 750000; dam, 2061871.	5 dams-------	15	11,698	3.7	437
Herd Owner, Dr. L. W. Goodman, Poughquag.	Difference---	(3-2-3)	+1,759	-.2	+28

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
AGNES' MADCAP DOUGLAS 438165 *(June 1949)	14 daughters-	18	[illegible],099	5.3	483
Born, 6-11-42; proved, 5-25-50;----; N. Y.	12 daughters-	16	[illegible],398	5.3	[illegible]
Sire, 362179; dam, 1010751.	12 dams------	50	[illegible],887	5.4	[illegible]
Used in Northwestern Minnesota A. B. A., Minn.	Difference---	(10-6-10)	+1,511	-.1	+73
AIM VOLUNTEER BLONDE 456998	6 daughters--	7	8,072	4.7	382
Born, 12-16-43; proved, 5-24-50;----; Oreg.	6 dams-------	20	8,431	5.0	418
Sire, 401097; dam, 1265283.	Difference---	(1-1-2)	-359	-.3	-36
Herd Owner, Mack Hamby, Jefferson.					
BEECHLANDS ROYAL STAR 455852	5 daughters--	5	7,720	5.1	392
Born, 6-8-43; proved, 5-12-50;----; Iowa.	5 dams-------	11	5,973	5.3	314
Sire, 407739; dam, 1260451.	Difference---	(4-2-4)	+1,747	-.2	+78
Herd Owner, Vance's Jersey Dairy, Clarksville.					
BILTMORE POET FINANCE 434951 *13	15 daughters-	21	8,354	5.3	443
Born, 2-8-42; proved, 5-31-50;----; Pa.	15 dams------	40	8,416	5.1	429
Sire, 408731; dam, 990929.	Difference---	(7-11-10)	-62	+.2	+14
Used in Western Pennsylvania Co-op. A. B. A.					
BILTMORE SPARKLING SIR 454188	7 daughters--	8	8,651	5.3	459
Born, 10-12-43; proved, 5-4-50;----; Mo.	7 dams-------	16	9,084	4.9	447
Sire, 364941; dam, 1265921.	Difference---	(2-6-4)	-433	+.4	+12
Herd Owner, Estelbrook Farms, Palmyra.					
BRAMPTON BEECH STANDARD 401972 *(Mar. 1949)	15 daughters-	22	7,810	5.4	423
Born, 9-2-38; proved, 5-11-50; alive; Pa.	10 daughters-	17	7,578	5.5	414
Sire, 94654 CJCC; dam, 51919 CJCC.	10 dams------	21	8,268	5.4	444
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(5-7-5)	-690	+.1	-30
BRAMPTON GENEVA STANDARD 444841	8 daughters--	11	7,116	5.5	393
Born, 7-29-42; proved, 5-4-50; alive; Mich.	5 daughters--	7	7,423	5.5	411
Sire, 356364; dam, 1240231.	5 dams-------	6	6,494	5.2	339
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(3-4-4)	+929	+.3	+72
BRAMPTON RECORD'S CECIL 424606 *(Oct. 1949)	11 daughters-	18	8,106	5.1	416
Born, 3-21-41; proved, 5-11-50;----; Va.	10 daughters-	17	8,506	5.1	437
Sire, 101251 CJCC; dam, 78689 CJCC.	10 dams------	41	8,666	5.2	454
Used in Michigan Co-op. A. B. A., Inc., Mich.	Difference---	(4-3-5)	-160	-.1	-17
BRAMPTON W. R. ROYALTY 452662	7 daughters--	9	8,182	5.5	449
Born, 2-27-43; proved, 5-11-50;----; Pa.	5 daughters--	7	8,507	5.4	460
Sire, 101251 CJCC; dam, 110334 CJCC.	5 dams-------	7	7,034	5.6	395
Herd Owner, Paul W. Koontz, Bedford.	Difference---	(4-2-4)	+1,473	-.2	+65
DREAMING MOOR MASTER 455325	8 daughters--	8	6,893	5.3	362
Born, 11-25-43; proved, 5-12-50; alive; Maine.	7 daughters--	7	6,846	5.3	362
Sire, 400134; dam, 1128097.	7 dams-------	21	7,707	5.0	382
Used in Maine Co-op. A. B. A.	Difference---	(1-6-2)	-861	+.3	-20
DREAMING PILGRIM YOU'LL DO 453604	6 daughters--	7	5,523	5.6	312
Born, 4-2-43; proved, 5-12-50;----; Wis.	6 dams-------	27	6,559	5.5	358
Sire, 410188; dam, 647569.	Difference---	(1-5-2)	-1,036	+.1	-46
Herd Owner, Ernest A. Fryda, Sussex.					
ESTHER FOX DOUBLE BOY OF F. F. 456496	7 daughters--	8	9,928	5.0	495
Born, 4-7-44; proved, 5-23-50;----; Wash.	7 dams-------	18	9,778	4.4	429
Sire, 409986; dam, 1204178.	Difference---	(4-6-7)	+150	+.6	+66
Herd Owner, J. L. Eccles, Medical Lake.					
FAUVIC GOLD BOND 395986	9 daughters--	22	7,366	4.8	354
Born, 12-15-37; proved, 5-4-50;----; Ohio.	6 daughters--	15	7,419	4.8	356
Sire, 371082; dam, 1082919.	6 dams-------	18	8,312	4.7	390
Herd Owner, Harry L. Patterson, La Fayette.	Difference---	(2-4-2)	-893	+.1	-34
FELICITY OXFORDIA LAD 398358 *10	12 daughters-	18	7,127	5.2	369
Born, 9-26-38; proved, 5-9-50; dead; N. C.	12 dams------	38	7,435	5.1	376
Sire, 373030; dam, 1037138.	Difference---	(5-8-5)	-308	+.1	-7
Herd Owner, Mountain Experiment Station, Swannanoa.					
FON 96 B 381057 *(Apr. 1949)	27 daughters-	46	7,871	5.5	434
Born, 9-16-36; proved, 5-4-50;----; Pa.	26 daughters-	43	7,920	5.5	435
Sire, 343405; dam, 1084631.	26 dams------	106	7,710	5.1	391
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference---	(13-22-18)	+210	+.4	+44
GALLANT OWL OAK 453128	11 daughters-	12	5,952	5.4	321
Born, 1-24-43; proved, 5-12-50;----; Vt.	9 daughters--	10	5,925	5.4	323
Sire, 363095; dam, 851120.	9 dams-------	18	5,787	5.3	305
Herd Owner, R. H. Ranney & Son, Putney.	Difference---	(6-8-6)	+138	+.1	+18
GEONNAIS BLONDE VOLUNTEER 455496	5 daughters--	5	8,526	4.7	398
Born, 7-5-43; proved, 5-4-50;----; Md.	5 dams-------	15	7,246	5.0	359
Sire, 406311; dam, 1267703.	Difference---	(4-2-4)	+1,280	-.3	+39
Herd Owner, Theodore Hoffeditz & Powell, Greencastle, Pa.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GOLDEN DOUBLE SIGNAL 461327----------	5 daughters--	5	9,027	5.5	493
Born, 10-14-44; proved, 5-12-50;----; Minn.	5 dams-------	12	7,779	5.5	427
Sire, 346193; dam, 1034297.	Difference---	(4-2-4)	+1,248	.0	+66
Herd Owner, St. Mary's Mission School, Red Lake.					
HOLLYHOCK DREAM DESIGN BILL 454897----------	8 daughters--	9	7,577	4.8	362
Born, 7-3-43; proved, 5-12-50;----; Wis.	8 dams-------	25	6,967	4.9	345
Sire, 418481; dam, 1300244.	Difference---	(6-2-6)	+610	-.1	+17
Herd Owner, Hilbert Stefl, Mishicot.					
LEADING LADY FILLPAIL 450797----------	11 daughters-	12	9,163	5.0	463
Born, 10-28-43; proved, 5-9-50;----; Wis.	11 dams------	30	8,370	5.5	460
Sire, 387630; dam, 1151795.	Difference---	(8-4-6)	+793	-.5	+3
Herd Owner, Charles B. Finn, Bridgeport.					
LILAC REMUS MUSKETEER 431198----------	7 daughters--	9	7,506	5.1	380
Born, 11-4-41; proved, 5-10-50;----; Vt.	7 dams-------	23	7,065	5.7	403
Sire, 328497; dam, 1143037.	Difference---	(4-1-2)	+441	-.6	-23
Used in New Hampshire A. B. A., N. H.					
LILAC REMUS UNRIVALED ZAVAL 447544----------	8 daughters--	10	10,103	4.8	487
Born, 5-21-43; proved, 5-10-50;----; Vt.	8 dams-------	30	8,779	4.8	417
Sire, 409293; dam, 1181371.	Difference---	(7-4-7)	+1,324	.0	+70
Used in New Hampshire A. B. A., N. H.					
MADCAP CADENCE VICTOR 452402----------	9 daughters--	13	8,161	5.9	479
Born, 6-7-43; proved, 5-11-50;----; Va.	9 dams-------	26	9,147	5.6	514
Sire, 337385; dam, 1038909.	Difference---	(3-6-4)	-986	+.3	-35
Used in Northern Virginia Co-op. A. B. A., Inc.					
MARY'S POGIS VICTOR 430455 *13----------	11 daughters-	27	8,906	5.0	447
Born, 10-14-40; proved, 5-24-50;----; Va.	11 dams------	56	7,629	4.5	347
Sire, 401925; dam, 978286.	Difference---	(8-10-11)	+1,277	+.5	+100
Herd Owner, Charles M. James, Purcellville.					
MAY-O-OWLET SENA-TID OWL SYBIL 426766 *13----------	16 daughters-	25	7,275	6.0	435
Born, 11-7-40; proved, 5-15-50; alive; Va.	10 daughters-	13	7,231	6.1	441
Sire, 344307; dam, 1179424.	10 dams------	22	6,805	5.9	398
Used in Northern Virginia Co-op. A. B. A., Inc.	Difference---	(6-7-7)	+426	+.2	+43
MELODY SAM OF HOLLY HILL 380590----------	8 daughters--	13	8,630	5.4	465
Born, 3-27-36; proved, 5-9-50;----; Fla.	6 daughters--	10	8,475	5.4	460
Sire, 346194; dam, 1008319.	6 dams-------	11	8,283	4.7	392
Herd Owner, Walter Welkener, Jacksonville.	Difference---	(4-6-4)	+192	+.7	+68
MONOLO SYBIL POMPEY 435238 *(July 1949)----------	15 daughters-	38	9,894	5.3	528
Born, 8-27-41; proved, 5-9-50; alive; Fla.	10 daughters-	22	10,072	5.3	534
Sire, 347038; dam, 1165717.	10 dams------	21	8,415	5.5	464
Used in Southeastern A. B. A., N. C.	Difference---	(9-3-9)	+1,657	-.2	+70
OBSERVER DESIGN KING ONYX 415663----------	14 daughters-	36	9,520	5.5	524
Born, 12-1-39; proved, 5-9-50;----; Fla.	6 daughters--	16	9,864	5.5	544
Sire, 361315; dam, 1178835.	6 dams-------	9	8,758	5.2	457
Herd Owner, Walter Welkener, Jacksonville.	Difference---	(4-4-4)	+1,106	+.3	+87
OBSERVER DRACONIS STANDARD 431823----------	9 daughters--	20	7,968	5.9	467
Born, 3-12-41; proved, 5-9-50;----; Fla.	7 daughters--	16	7,850	5.9	460
Sire, 398161; dam, 1123514.	7 dams-------	15	8,520	5.5	373
Herd Owner, Walter Welkener, Jacksonville.	Difference---	(2-5-4)	-670	+.4	+87
OWL OXFORD DOUBLE 446954----------	6 daughters--	6	9,522	5.7	539
Born, 3-31-43; proved, 5-10-50;----; Wash.	6 dams-------	10	8,463	5.4	455
Sire, 380846; dam, 931948.	Difference---	(5-4-5)	+1,059	+.3	+84
Used in Northwest Co-op. A. B. A.					
RALEIGH'S ROYAL VOLUNTEER 409457----------	10 daughters-	14	8,137	5.1	416
Born, 5-2-39; proved, 5-17-50;----; Idaho.	5 daughters--	7	7,607	5.1	389
Sire, 347841; dam, 1157752.	5 dams-------	15	7,040	5.2	368
Herd Owner, R. P. Hyde, Rupert.	Difference---	(3-2-3)	+567	-.1	+21
SYBIL POMPEY ROYAL LAD 449470----------	9 daughters--	10	9,285	5.2	485
Born, 7-23-43; proved, 5-9-50;----; Fla.	6 daughters--	6	9,405	5.2	485
Sire, 435238; dam, 1143953.	6 dams-------	13	7,857	5.2	405
Used in Indiana A. B. A., Ind.	Difference---	(6-3-5)	+1,548	.0	+80
THREE-PLY SENATOR TID O FIVE-F 443103 *13----------	9 daughters--	17	8,222	5.7	472
Born, 10-12-42; proved, 5-17-50; alive; Pa.	8 daughters--	15	8,313	5.7	476
Sire, 365723; dam, 1179424.	8 dams-------	37	8,190	5.3	433
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(5-6-6)	+123	+.4	+43
VICTOR POGIS SUCCESSOR 452739----------	6 daughters--	7	7,460	5.3	394
Born, 10-15-43; proved, 5-12-50;----; Ohio.	6 dams-------	15	6,957	5.0	346
Sire, 415898; dam, 1240932.	Difference---	(3-4-4)	+503	+.3	+48
Herd Owner, E. S. Lowmiller & Sons, Minerva.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
VOLUNTEER BELL SUCCESSOR 45431	6 daughters--	6	6,746	5.7	385
Born, 12-11-43; proved, 5-4-50;----; Wash.	6 dams-------	16	9,062	5.4	487
Sire, 365924; dam, 1224697.	Difference---	(0-3-1)	-2,316	+.3	-102
Herd Owner, H. L. Corson, Grandview.					

RED DANE SIRES

51*D548 (EARTAG)	11 daughters-	12	8,091	4.0	321
Born, 2-25-41; proved, 5-17-50;----; Mich.	8 daughters--	8	8,775	4.0	348
Sire, 51*D502; dam, 51*D17.	8 dams-------	26	7,578	4.1	311
Herd Owner, Viggo Rasmussen, Marlette.	Difference---	(7-5-6)	+1,197	-.1	+37
51*D569 (EARTAG)	7 daughters--	7	10,627	3.6	385
Born, 1-21-44; proved, 5-17-50;----; Mich.	6 daughters--	6	10,736	3.6	390
Sire, 51*D501; dam, 51*D49.	6 dams-------	19	9,518	4.0	381
Herd Owner, Carl A. Palmer, Marlette.	Difference---	(5-1-2)	+1,218	-.4	+9

MILKING SHORTHORN SIRES

CLOVERTON CRUISER 22265	9 daughters--	15	8,638	4.1	358
Born, 10-26-37; proved, 5-12-50;----; Iowa.	7 daughters--	9	8,969	4.1	371
Sire, 1758662; dam, 1723978.	7 dams-------	15	7,138	4.1	291
Used in Eastern Iowa A. B. A., Inc.	Difference---	(6-5-7)	+1,831	.0	+80
EDGEWOOD FARMER BOY 2144804	7 daughters--	7	5,722	4.3	245
Born, 10-13-42; proved, 5-4-50;----; Kans.	7 dams-------	18	6,976	4.2	293
Sire, 1819549; dam, 1953481.	Difference---	(0-3-1)	-1,254	+.1	-48
Herd Owner, Clarence L. Alpers, Hudson.					
WACHUSETT ANDERSON 2174127	8 daughters--	10	8,827	3.9	344
Born, 2-20-43; proved, 5-24-50;----; Iowa.	8 dams-------	39	8,859	3.8	339
Sire, 1993348; dam, 1718549.	Difference---	(5-4-5)	-32	+.1	+5
Herd Owner, Andrew H. Barnes & Son, Oskaloosa.					

AMERICAN DAIRY CATTLE CLUB SIRES

AGNES' MADCAP DOUGLAS 730
(This sire is also a registered Jersey "Agnes' Madcap Douglas 438165." Proved Sire data included in Jersey listing.)

ELMWOOD FARMS ROYAL MASTER 334
(This sire is also a registered Guernsey "Elmwood Farms Royal Master 319654." Proved Sire data included in Guernsey listing.)

FON 96 B 592
(This sire is also a registered Jersey "Fon 96 B 381057." Proved Sire data included in Jersey listing.

IDYLBROOK BURT 513
(This sire is also a registered Guernsey "Idylbrook Burt 334545." Proved Sire data included in Guernsey listing.)

IDYLBROOK CLEOPATRICK 966
(This sire is also a registered Guernsey "Idylbrook Cleopatrick 350867." Proved Sire data included in Guernsey listing.)

IDYLBROOK EUREKA 510
(This sire is also a registered Guernsey "Idylbrook Eureka 322660." Proved Sire data included in Guernsey listing.)

KNOLLWOOD MAJOR 765
(This sire is also a registered Holstein "Knollwood Major 872631." Proved Sire data included in Holstein listing.)

SIR INKA HUFF ORMSBY 581
(This sire is also a registered Holstein "Sir Inka Huff Ormsby 769060." Proved Sire data included in Holstein listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
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Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 26, No. 7

July 1950

1950 DHIA PROVED-SIRE LIST AVAILABLE

The 1950 DHIA Proved-Sire List is now ready for distribution by the Bureau of Dairy Industry. It is the 14th list issued since the Nation-wide DHIA sire-proving program was begun in 1935. The 1950 list includes data on the 4,335 sires whose records were tabulated or retabulated by the Division of Dairy Herd Improvement Investigations during the calendar year 1949.

Copies are being sent to the same mailing list to which this DHIA Letter is sent each month. If you receive a single copy of the DHIA Letter for your own use, or a number of copies for distribution to association supervisors, you will also receive the same number of copies of the 1950 sire list.

DHIA members and committeemen, as well as others, who have the responsibility of selecting sires for breeding associations should have the 1950 list for convenient reference.

County agents and DHIA supervisors are requested to advise association members and other interested dairymen who can make use of the list to write for a copy. Just ask for the 1950 Proved-Sire list, and address the request to the Bureau of Dairy Industry, U. S. Department of Agriculture, Washington 25, D. C.

232,644 Production Records Reported First 6 Months of 1950

During the first 6 months of the year, 232,644 production records (223,329 DHIA records and 9,315 Herd Test records) were reported to the Bureau of Dairy Industry for use in proving DHIA sires. This is approximately 47,000 more than were reported in the first half of 1949, the previous peak.

GPO—O—BDI 57

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY THE STATE EXTENSION SERVICES FOR THE PERMANENT FILES DURING 1949 AND 1950

State	First 6 months of 1950							1949		
	Cows on test in all association herds on January 1	Production records reported 1/ 2/		Herd Test Records reported by				Records returned 3/	Production records reported 2/	
				American Dairy Cattle Club	Ayrshire Breeder's Association	Brown Swiss Cattle Breeders' Association				
	Number	Number	Percent	Number	Number	Number		Number	Number	Percent
Maine	10,041	3,311	33.1	0	91	0		203	5,531	64.2
N. H.	7,564	2,312	30.6	0	125	5		146	3,546	56.2
Vt	30,903	6,973	22.6	12	207	40		347	13,479	48.4
Mass	15,355	3,505	22.8	52	437	74		142	4,834	37.3
R. I	2,375	177	7.5	0	100	0		19	679	39.7
Conn	14,121	3,982	28.2	0	346	91		396	6,277	51.1
N. Y	119,882	37,542	31.3	999	1,150	121		1,312	38,880	38.5
Pa	88,263	25,992	29.4	52	858	40		1,214	51,091	69.1
N. J	23,463	3,599	15.3	0	24	21		259	5,302	25.0
Md	24,266	4,418	18.2	66	380	2		122	10,077	56.5
Del	2,283	883	38.7	14	24	0		72	417	20.3
Va	39,348	9,647	24.5	0	0	4		330	15,679	46.0
W. Va	6,810	2,146	31.5	0	31	5		74	4,024	72.4
Ky	8,320	1,584	19.0	0	0	21		99	3,045	42.0
N. C	8,403	930	11.1	0	175	0		45	1,462	23.5
S. C	2,223	35	1.6	0	0	22		1	0	--
Ga	5,754	1,117	19.4	8	0	0		303	896	21.3
Fla	4,902	729	14.9	0	37	0		16	410	14.6
Ala	6,721	476	7.1	0	0	0		65	224	--
Miss	1,515	270	17.8	0	11	0		22	575	60.3
Tenn	9,271	933	10.1	10	0	0		57	1,754	26.5
La	3,173	161	5.1	0	0	0		11	291	13.6
Ark	1,943	16	.8	0	0	0		1	6	1.1
Ohio	28,483	6,526	22.9	8	668	146		314	11.801	51.7
Ind	27,498	4,570	16.6	24	162	76		332	8,714	33.1
Ill	40,131	6,581	16.4	124	128	291		315	16,979	45.6
Mich	53,294	11,956	22.4	15	131	120		450	17,083	37.4
Wis	83,281	27,755	33.3	28	217	283		976	48,118	58.8
Minn	48,084	11,421	23.8	14	10	61		563	30,873	74.9
Iowa	38,665	11,397	29.5	0	72	218		371	18,922	52.5
Mo	17,867	3,502	19.6	0	18	23		114	4,587	27.4
N. Dak	1,113	239	21.5	0	0	0		18	558	44.9
S. Dak	2,977	184	6.2	0	7	11		6	337	26.0
Nebr	3,757	790	21.0	12	20	10		26	1,691	34.5
Kans	13,891	4,495	32.4	0	307	35		255	6,684	50.7
Okla	2,700	315	11.7	0	26	3		26	414	15.8
Texas	14,401	992	6.9	0	24	12		30	1,107	10.1
Mont	4,622	248	5.4	0	28	0		19	331	7.8
Idaho	9,277	1,889	20.4	0	37	0		43	2,903	33.0
Wyo	577	13	2.3	0	0	0		1	20	2.6
Nev	924	0	.0	0	0	0		5	157	28.1
Utah	9,531	824	8.6	0	1	0		66	1,060	10.9
Colo	5,872	805	13.7	0	49	25		36	1,205	26.2
N. Mex	2,381	114	4.8	0	0	0		5	213	13.9
Ariz	12,031	299	2.5	0	0	0		20	978	9.6
Wash	29,947	8,477	28.3	0	55	8		243	14,334	49.9
Oreg	18,619	4,761	25.6	0	19	12		135	10,704	60.4
Calif	181,343	4,405	2.4	0	117	5		226	6,157	3.9
P. R	0	0	--	0	0	0		0	0	--
Hawaii	707	33	4.7	0	0	0		3	47	12.6
U. S	1,088,872	223,329	20.5	1,438	6,092	1,785		9,854	374,456	39.7

1/ Includes cows enrolled since January 1, 1950.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED IN JUNE 1950

Following is a list of 257 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in June 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 14 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
BENMORE BETSEY'S GLEN 72144----------	7 daughters--	9	6,531	4.0	261
Born, 10-1-42; proved, 6-15-50;----; Conn.	7 dams-------	21	8,606	4.2	362
Sire, 61737; dam, 209399.	Difference---	(2-2-1)	-2,075	-.2	-101
Herd Owner, Hillyland Farm, Scotland.					
CHEERFUL'S BEULAH BOY 70066----------	11 daughters-	17	6,867	4.0	278
Born, 12-1-41; proved, 6-6-50; dead; N. Y.	9 daughters--	12	6,785	4.1	275
Sire, 62389; dam, 186501.	9 dams-------	26	8,864	4.3	384
Herd Owner, Vernon Chandler, Vernon Center.	Difference---	(2-1-2)	-2,079	-.2	-109
DELCHESTER QUEEN'S FAVORITE 71158----------	9 daughters--	9	10,482	4.1	429
Born, 8-18-42; proved, 6-29-50;----; Pa.	9 dams-------	39	9,291	3.9	364
Sire, 58159; dam, 200699.	Difference---	(7-7-8)	+1,191	+.2	+65
Herd Owner, Ridley Valley Farm, Edgemont.					
FILLMORE NORMAN 70600----------	6 daughters--	6	9,642	4.3	416
Born, 2-23-42; proved, 6-6-50;----; Vt.	6 dams-------	25	9,767	4.0	391
Sire, 58732; dam, 173948.	Difference---	(3-5-3)	-125	+.3	+25
Herd Owner, The Weeks School, Vergennes.					
FRANK OF KIMBALL FARM 68416----------	9 daughters--	10	8,259	4.3	359
Born, 9-4-41; proved, 6-30-50;----; Mass.	9 dams-------	40	9,904	4.0	396
Sire, 62701; dam, 186401.	Difference---	(0-9-4)	-1,645	+.3	-37
Herd Owner, Kimballs Ayrshire Dairy, Haverhill.					
GLENMOORE WHITE THORN 70781----------	13 daughters-	25	7,114	4.1	289
Born, 2-22-41; proved, 6-9-50;----; Minn.	5 daughters--	11	6,723	4.0	268
Sire, 64591; dam, 94147.	5 dams-------	7	7,079	3.9	277
Herd Owner, Howard Angell & Son, Austin.	Difference---	(3-4-3)	-356	+.1	-9
GLEN URQUHART MAX 71736----------	12 daughters-	14	8,820	4.4	392
Born, 11-20-42; proved, 6-22-50;----; Calif.	12 dams------	32	8,807	4.3	376
Sire, 65722; dam, 250126.	Difference---	(6-10-8)	+13	+.1	+16
Herd Owner, La Franchi Brothers, Calistoga.					
PENSTATE GAY NAPOLEON 68715----------	9 daughters--	11	7,336	4.0	295
Born, 11-17-41; proved, 6-20-50;----; Pa.	7 daughters--	9	7,283	4.0	294
Sire, 61267; dam, 192681.	7 dams-------	10	8,819	3.7	330
Herd Owner, G. Howard Smith, Reynoldsville.	Difference---	(2-7-4)	-1,536	+.3	-36
REYMANN SUNBARR 71285----------	7 daughters--	10	6,831	4.1	279
Born, 9-7-42; proved, 6-20-50;----; N. Y.	6 daughters--	9	6,834	4.1	278
Sire, 64316; dam, 226589.	6 dams-------	24	7,428	4.0	293
Herd Owner, Hy Ayr Farm, Cherry Plain.	Difference---	(2-5-3)	-594	+.1	-15
ROSELAWN MAGNET'S JUBILEE 70650----------	7 daughters--	9	8,340	4.4	364
Born, 3-23-42; proved, 6-14-50;----; N. H.	5 daughters--	7	8,391	4.3	364
Sire, 50792; dam, 204536.	5 dams-------	9	9,252	4.1	375
Herd Owner, Crystal Spring Farm, East Concord.	Difference---	(1-4-3)	-861	+.2	-11
STRATHGLASS GENERAL'S BEN 69321----------	12 daughters-	14	8,320	4.1	343
Born, 1-12-42; proved, 6-6-50;----; Conn.	11 daughters-	13	8,297	4.1	342
Sire, 52393; dam, 105633.	11 dams------	33	7,446	3.9	294
Herd Owner, Schagticoke Farm, Bridgewater.	Difference---	(7-10-7)	+851	+.2	+48
TOTHILL ALEXANDER 66238----------	14 daughters-	19	5,309	4.1	218
Born, 11-30-40; proved, 6-20-50;----; Vt.	11 daughters-	15	5,347	4.1	222
Sire, 58862; dam, 137265.	11 dams------	32	6,558	4.0	261
Herd Owner, Orin A. Priest, Belmont.	Difference---	(1-9-3)	-1,211	+.1	-39
VEL-AYR SNOWDROP'S PETE 71271----------	6 daughters--	8	8,173	4.3	347
Born, 7-24-42; proved, 6-27-50;----; Ohio.	6 dams-------	24	9,227	4.0	372
Sire, 48762; dam, 167202.	Difference---	(2-6-2)	-1,054	+.3	-25
Herd Owner, Brookview Ayr Farm, Hilliards.					
WHITPAIN EASTERTOWN 72291----------	6 daughters--	9	7,847	3.9	306
Born, 11-24-42; proved, 6-20-50;----; Pa.	6 dams-------	14	8,832	4.0	357
Sire, 44209; dam, 217708.	Difference---	(2-1-2)	-985	-.1	-51
Herd Owner, Ralph C. Bolton, Schaefferstown.					

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
WHITPAIN EISENHOWER 72292	6 daughters	8	9,295	3.8	352
Born, 12-8-42; proved, 6-21-50; alive; Md.	6 dams	19	8,207	3.8	311
Sire, 43060; dam, 221792.	Difference	(3-3-3)	+1,088	.0	+41
Herd Owner, Charles J. MacCartee & Son, Ellicott City.					
WHITPAIN MASCOT 72198	11 daughters	12	6,317	4.3	270
Born, 8-11-42; proved, 6-15-50;----; Pa.	7 daughters	8	6,612	4.2	275
Sire, 44209; dam, 219205.	7 dams	9	9,278	3.7	347
Herd Owner, Abram K. Flory, Manheim.	Difference	(0-7-1)	-2,666	+.5	-72

BROWN SWISS SIRES

ELMHURST LADY'S DAN 59466	8 daughters	10	11,483	4.1	472
Born, 1-22-43; proved, 6-9-50; alive; S. C.	8 dams	25	10,141	4.1	420
Sire, 36887; dam, 99701.	Difference	(6-5-5)	+1,342	.0	+52
Used in South Carolina Co-op. A. B. A.					
GOLDEN BUSTER R. S. F. 57902	6 daughters	6	9,910	3.9	382
Born, 12-1-42; proved, 6-15-50;----; Iowa.	6 dams	13	9,488	3.9	374
Sire, 43421; dam, 30979.	Difference	(4-4-4)	+422	.0	+8
Herd Owner, Le Roy Young, La Porte City.					
JANE'S VIC 59172	5 daughters	7	8,180	4.4	363
Born, 4-1-43; proved, 6-9-50;----; Ill.	5 dams	9	10,406	3.7	382
Sire, 51353; dam, 89865.	Difference	(0-5-2)	-2,226	+.7	-19
Herd Owner, Ralph Anson, Princeton.					
JUDD'S BRIDGE AUGUST 61563	6 daughters	8	8,620	4.9	425
Born, 9-21-43; proved, 6-9-50;----; Ind.	6 dams	21	9,382	4.3	406
Sire, 48672; dam, 90912.	Difference	(3-6-3)	-762	+.6	+19
Used by John A. Newman & Son (A. B. A.).					
JUDD'S BRIDGE BARLET 57705	7 daughters	9	8,711	4.2	366
Born, 12-20-42; proved, 6-15-50;----; Pa.	7 dams	25	9,590	4.1	395
Sire, 31653; dam, 33133.	Difference	(3-5-3)	-879	+.1	-29
Herd Owner, Edwin Grazier, Warriors Mark.					
JUDD'S BRIDGE BARRY 59449	9 daughters	13	9,805	4.2	412
Born, 3-24-43; proved, 6-27-50;----; Ohio.	9 dams	24	10,991	4.1	451
Sire, 48672; dam, 66267.	Difference	(4-7-4)	-1,186	+.1	-39
Herd Owner, H. L. Burk, Westerville.					
JUDD'S BRIDGE HARMONY 61565	6 daughters	7	14,048	4.2	593
Born, 9-25-43; proved, 6-27-50;----; Ill.	6 dams	27	10,511	4.1	428
Sire, 48672; dam, 62285.	Difference	(5-5-5)	+3,537	+.1	+165
Used in South Dakota Co-op. A. B. A., S. Dak.					
MAJOR OF ARTHURST 58506	9 daughters	11	11,334	4.1	464
Born, 9-11-42; proved, 6-13-50;----; Minn.	9 dams	25	10,185	4.2	424
Sire, 30922; dam, 75423.	Difference	(7-4-6)	+1,149	-.1	+40
Herd Owner, George J. Hendel, Caledonia.					
NICK A.'S PRIVET ROYAL JR. 61772	9 daughters	10	11,218	4.2	468
Born, 3-3-43; proved, 6-22-50;----; Ind.	9 dams	28	11,528	4.0	459
Sire, 37565; dam, 47655.	Difference	(4-7-4)	-310	+.2	+9
Herd Owner, Ralph & Dan Day, Tipton.					
PIONEER D. M. 62573	7 daughters	7	11,549	4.1	468
Born, 9-29-43; proved, 6-9-50;----; S. C.	6 daughters	6	11,865	4.1	484
Sire, 48672; dam, 36780.	6 dams	16	10,799	4.1	442
Used in Eastern Iowa A. B. A., Inc., Iowa.	Difference	(3-3-3)	+1,066	.0	+42
REX OF FENLEA 57608	7 daughters	10	10,299	4.1	426
Born, 12-30-42; proved, 6-9-50;----; Wis.	6 daughters	8	9,996	4.1	414
Sire, 50651; dam, 81781.	6 dams	17	9,321	4.0	376
Herd Owner, Elmhurst Farm, West Salem.	Difference	(5-4-5)	+675	+.1	+38
SATURDAY KNIGHT 60766	6 daughters	9	13,158	3.8	501
Born, 5-23-42; proved, 6-22-50;----; Wis.	5 daughters	8	12,927	3.8	496
Sire, 29778; dam, 83885.	5 dams	14	10,451	4.1	426
Herd Owner, Ostval Farms, Burlington.	Difference	(4-2-4)	+2,476	-.3	+70
SUNSHINE BOY OF LEE'S HILL 58688	5 daughters	6	8,132	3.9	320
Born, 1-31-43; proved, 6-22-50;----; Ind.	5 dams	15	9,212	3.9	363
Sire, 48384; dam, 90070.	Difference	(2-3-2)	-1,080	.0	-43
Herd Owner, Alvin Hoeltke & Sons, Edinburg.					
SUSIE'S DUKE DAN 58914	5 daughters	7	7,992	4.2	335
Born, 8-7-42; proved, 6-6-50;----; Pa.	5 dams	18	9,260	4.3	396
Sire, 37949; dam, 38056.	Difference	(1-2-1)	-1,268	-.1	-61
Herd Owner, Miles C. Bagshaw & Charles Kock, Hollidaysburg.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
TOWER FARM MIKE 60040----------	11 daughters-	14	8,293	3.8	315
Born, 1-6-43; proved, 6-21-50;----; Wis.	6 daughters--	7	8,193	3.8	312
Sire, 50815; dam, 100237.	6 dams-------	12	7,472	3.6	267
Herd Owner, Clarence Micke, Gilman.	Difference---	(4-6-5)	+721	+.2	+45
WINNIE'S AMBASSADOR JAKE 58365----------	7 daughters--	9	11,156	4.2	465
Born, 1-29-43; proved, 6-15-50;----; Mich.	7 dams-------	23	13,087	4.1	535
Sire, 38340; dam, 34280.	Difference---	(2-5-2)	-1,931	+.1	-70
Herd Owner, Martin Bogart, Jr., Bay City.					
WONDER CREST OF LEE'S HILL 59814----------	7 daughters--	7	10,212	4.0	404
Born, 4-4-43; proved, 6-21-50;----; Ind.	7 dams-------	18	10,621	3.9	411
Sire, 31781; dam, 66540.	Difference---	(3-4-3)	-409	+.1	-7
Used in Elkhart Co. A. B. A.					

GUERNSEY SIRES

ADANAC PRINCE 322815----------	7 daughters--	14	8,433	5.4	454
Born, 4-23-42; proved, 6-21-50;----; Ind.	5 daughters--	10	8,910	5.3	476
Sire, 255163; dam, 485087.	5 dams-------	17	8,434	5.0	423
Herd Owner, Edgar S. Murray & Southworth, Plymouth.	Difference---	(3-4-4)	+476	+.3	+53
ARRUS REQUEST BOND 344578----------	7 daughters--	7	7,742	4.8	372
Born, 9-18-43; proved, 6-30-50;----; Pa.	7 dams-------	41	6,653	4.6	305
Sire, 287358; dam, 469501.	Difference---	(7-7-7)	+1,089	+.2	+67
Herd Owner, Clarence E. Reed, Slippery Rock.					
BETHANY BLANSTAR 342786----------	18 daughters-	18	7,971	4.6	367
Born, 8-10-43; proved, 6-30-50;----; Pa.	15 daughters-	15	7,952	4.6	368
Sire, 236556; dam, 516548.	15 dams------	29	8,233	4.7	384
Used in Nepa Co-op. A. B. A.	Difference---	(7-9-6)	-281	-.1	-16
BETHANY WISTAR'S CLIMAX 348866----------	7 daughters--	10	7,382	4.6	338
Born, 11-13-43; proved, 6-19-50;----; Pa.	6 daughters--	9	7,104	4.5	322
Sire, 236556; dam, 470927.	6 dams-------	8	6,106	4.6	279
Herd Owner, Steve Upright, Thompson.	Difference---	(4-3-5)	+998	-.1	+43
BETTIVERE PRINCE OF HALBERDALE 352973----------	9 daughters--	11	7,235	4.6	335
Born, 2-15-43; proved, 6-19-50;----; Wis.	7 daughters--	8	7,398	4.6	342
Sire, 327243; dam, 571656.	7 dams-------	12	7,773	4.9	383
Herd Owner, Gus Rosenbaum, Neillsville.	Difference---	(3-3-2)	-375	-.3	-41
BLAZER'S BUTTERFAT BRIGADIER 338800----------	12 daughters-	17	7,126	4.4	315
Born, 5-28-43; proved, 6-26-50;----; Wis.	10 daughters-	13	7,187	4.4	315
Sire, 283865; dam, 608499.	10 dams------	21	7,544	4.3	328
Herd Owner, Edward Zirk, Kendall.	Difference---	(2-7-4)	-357	+.1	-13
BOULDER BRIDGE MASTERFUL 320700----------	5 daughters--	14	8,178	5.0	408
Born, 2-27-42; proved, 6-29-50;----; Minn.	5 dams-------	26	7,728	4.7	365
Sire, 235690; dam, 623300.	Difference---	(3-4-4)	+450	+.3	+43
Herd Owner, Francis Clinton, Watkins.					
BRADFORD'S QUINCE'S MAX 349179----------	6 daughters--	6	10,686	5.0	539
Born, 10-20-43; proved, 6-7-50;----; Mich.	5 daughters--	5	10,609	5.1	542
Sire, 317640; dam, 643167.	5 dams-------	16	8,772	5.1	446
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-4-5)	+1,837	.0	+96
BRANDTJEN'S KERNEL 344127----------	16 daughters-	19	8,419	4.3	360
Born, 8-3-43; proved, 6-21-50;----; Minn.	9 daughters--	9	8,156	4.3	350
Sire, 297678; dam, 552787.	9 dams-------	20	8,545	4.2	362
Herd Owner, Russell Catura, Jordan.	Difference---	(3-4-5)	-389	+.1	-12
BROOKE'S CROSS VIRGINIA'S PET 341303----------	7 daughters--	10	7,705	4.6	353
Born, 9-26-43; proved, 6-13-50;----; Conn.	6 daughters--	8	7,905	4.6	361
Sire, 233381; dam, 603876.	6 dams-------	18	8,699	4.4	379
Herd Owner, Frederick A. Barnes II, Old Mystic.	Difference---	(2-4-1)	-794	+.2	-18
BROOKLANDWOOD MACARTHUR 338066----------	5 daughters--	8	6,409	4.9	316
Born, 12-31-42; proved, 6-15-50;----; Md.	5 dams-------	12	6,714	4.6	312
Sire, 237500; dam, 393906.	Difference---	(3-4-3)	-305	+.3	+4
Herd Owner, J. F. McFaddin, Sykesville.					
BROOKLANDWOOD PATRICK 328041----------	8 daughters--	10	6,405	4.7	301
Born, 9-24-42; proved, 6-30-50;----; Pa.	8 dams-------	35	6,372	4.2	269
Sire, 237500; dam, 588790.	Difference---	(3-7-5)	+33	+.5	+32
Herd Owner, W. Clayton Jester, Biglerville.					
BURTON LANE'S SARGON GOVERNOR 324930----------	9 daughters--	11	8,357	5.2	435
Born, 5-24-42; proved, 6-30-50;----; Ill.	7 daughters--	9	8,246	5.2	425
Sire, 211402; dam, 552723.	7 dams-------	17	9,165	5.0	457
Used in Northern Illinois Co-op. A. B. A.	Difference---	(5-4-5)	-919	+.2	-32

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
CAUMSETT ROYAL DUKE 314163 *14----------	12 daughters-	21	8,227	4.8	394
Born, 9-6-41; proved, 6-29-50; dead; Mich.	10 daughters-	15	8,067	4.8	391
Sire, 246910; dam, 563468.	10 dams------	29	7,533	4.9	372
Used in Wisconsin Scientific Breeding Institute, Wis. (A. B. A.).	Difference---	(7-4-6)	+534	-.1	+19
CAUMSETT SAFEGUARD 342643----------	12 daughters-	15	5,964	4.7	282
Born, 1-26-43; proved, 6-15-50;----; Mass.	8 daughters--	9	5,680	4.9	278
Sire, 258777; dam, 597267.	8 dams-------	22	8,216	4.6	376
Herd Owner, A. G. & Chester E. Goodfield, Hardwick.	Difference---	(0-8-1)	-2,536	+.3	-98
CENTURY'S ROSE YEOMAN 341142----------	7 daughters--	9	7,477	4.9	370
Born, 7-29-43; proved, 6-30-50;----; Iowa.	5 daughters--	7	6,697	5.1	339
Sire, 208733; dam, 383642.	5 dams-------	20	6,546	5.0	327
Herd Owner, Francis Allyn, Saint Olaf.	Difference---	(2-4-3)	+151	+.1	+12
CHIEF OF HILLCREST FARM 356449----------	5 daughters--	5	8,755	4.3	378
Born, 3-3-44; proved, 6-22-50;----; N. J.	5 dams-------	16	7,504	4.7	352
Sire, 314905; dam, 616179.	Difference---	(4-1-3)	+1,251	-.4	+26
Herd Owner, Paul Astalosh & Sons, Pennington.					
CORA'S DANNY OF FOREST VIEW 323405----------	9 daughters--	12	8,567	4.6	391
Born, 10-13-42; proved, 6-26-50;----; Wis.	5 daughters--	6	8,738	4.5	397
Sire, 244501; dam, 468895.	5 dams-------	9	7,555	4.8	362
Herd Owner, Ed Schmidt, New Auburn.	Difference---	(5-2-3)	+1,183	-.3	+35
CORNELL FORESTER ROYAL 330004----------	8 daughters--	9	6,545	5.0	325
Born, 12-23-42; proved, 6-7-50;----; N. Y.	7 daughters--	8	6,594	4.9	321
Sire, 311570; dam, 435460.	7 dams-------	19	7,540	5.3	398
Herd Owner, Ward D. Crofoot, Pavilion.	Difference---	(1-2-0)	-946	-.4	-77
COURTLAND'S JULIET'S PEDRO 338741----------	8 daughters--	10	6,406	5.0	319
Born, 8-15-41; proved, 6-22-50;----; Va.	7 daughters--	8	6,081	5.0	307
Sire, 218716; dam, 519833.	7 dams-------	11	7,674	5.0	387
Herd Owner, Mrs. Rosa J. Counter, Amelia.	Difference---	(1-4-1)	-1,593	.0	-80
COWAN FARM'S NOAH'S BOZO 324588 *(Feb. 1950)----------	13 daughters-	18	8,935	4.9	434
Born, 10-25-42; proved, 6-6-50; dead; Wis.	12 daughters-	17	8,671	4.9	423
Sire, 206674; dam, 567603.	12 dams------	49	8,199	5.1	414
Herd Owner, Ralph Katner, Hudson.	Difference---	(7-6-6)	+472	-.2	+9
DAMIAN VICTOR OF RIDGLYDALE 316765----------	11 daughters-	15	9,301	5.2	482
Born, 7-18-41; proved, 6-30-50;----; Pa.	5 daughters--	8	9,463	5.3	500
Sire, 243994; dam, 450919.	5 dams-------	10	7,118	5.0	354
Herd Owner, Grayce Farms, Dalton.	Difference---	(5-5-5)	+2,345	+.3	+146
ELMWOOD MASTER 344171----------	6 daughters--	6	8,816	4.7	410
Born, 10-17-43; proved, 6-30-50;----; Iowa.	6 dams-------	30	9,543	4.7	448
Sire, 302043; dam, 519978.	Difference---	(2-4-2)	-727	.0	-38
Herd Owner, Arnold Pancratz, Jr., Dubuque.					
FAIR ACRES DEXTER 344094----------	7 daughters--	13	10,237	4.7	485
Born, 1-25-43; proved, 6-15-50;----; Pa.	7 dams-------	33	9,134	5.2	472
Sire, 286525; dam, 489907.	Difference---	(4-1-5)	+1,103	-.5	+13
Herd Owner, William H. Woolverton, Alexandria.					
FAIRACRES KELLY 336810----------	10 daughters-	11	11,099	4.6	508
Born, 4-28-43; proved, 6-30-50;----; Pa.	7 daughters--	8	11,443	4.7	533
Sire, 288810; dam, 661846.	7 dams-------	13	8,049	4.7	379
Used in Western Pennsylvania Co-op. A. B. A.	Difference---	(6-4-5)	+3,394	.0	+154
FLORHAM DIRECTOR 340570----------	5 daughters--	8	8,866	4.9	438
Born, 1-13-43; proved, 6-30-50;----; Wash.	5 dams-------	16	8,511	4.8	404
Sire, 205128; dam, 555907.	Difference---	(2-3-3)	+355	+.1	+34
Used in Northwest Co-op. A. B. A.					
GAY ROSE GENTLEMAN 339484----------	7 daughters--	7	6,896	4.7	324
Born, 3-9-43; proved, 6-9-50;----; Wis.	6 daughters--	6	6,772	4.7	317
Sire, 305687; dam, 622211.	6 dams-------	16	6,938	4.7	324
Herd Owner, Merlin Pagenkopf, Bloomer.	Difference---	(3-3-3)	-166	.0	-7
GLORIA'S FAVORITE 322007----------	7 daughters--	8	7,190	4.8	348
Born, 9-8-41; proved, 6-22-50;----; Iowa.	6 daughters--	7	7,146	5.0	354
Sire, 223681; dam, 380356.	6 dams-------	17	7,819	5.0	390
Herd Owner, Beryl D. Stagers, Douds.	Difference---	(2-4-2)	-673	.0	-36
GLUEK FARM FOREMOST 345747----------	10 daughters-	11	7,774	4.6	359
Born, 11-21-42; proved, 6-19-50;----; Minn.	6 daughters--	6	8,417	4.6	391
Sire, 223656; dam, 362567.	6 dams-------	12	7,801	4.9	379
Herd Owner, Walter E. Gray & Son, Lake City.	Difference---	(4-2-3)	+616	-.3	+12
GOLDENDALE JULIUS 349752----------	5 daughters--	5	8,276	5.6	460
Born, 10-6-43; proved, 6-30-50;----; Idaho.	5 dams-------	12	7,680	5.3	408
Sire, 286438; dam, 654346.	Difference---	(3-4-4)	+596	+.3	+52
Herd Owner, W. Lester & Florence A. Hendrix, Meridian.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GRASSLAND GRAND FINALE 340093----------	8 daughters--	10	7,409	4.6	338
Born, 6-11-43; proved, 6-30-50;----; Conn.	6 daughters--	7	7,556	4.5	343
Sire, 213585; dam, 329821.	6 dams-------	18	7,270	5.0	365
Used in Connecticut A. B. A., Inc.	Difference---	(3-1-2)	+286	-.5	-22
GRASSY GROVE MAXIM'S KNIGHT 330970----------	7 daughters--	7	9,056	5.5	497
Born, 1-15-43; proved, 6-9-50;----; Va.	6 daughters--	6	9,761	5.5	532
Sire, 265647; dam, 714125.	6 dams-------	15	8,686	5.1	448
Herd Owner, Scott & Bridges, Franklin.	Difference---	(4-4-6)	+1,075	+.4	+89
HORSE SHOE F. COMMANDO 329009----------	10 daughters-	14	8,273	4.5	373
Born, 8-31-42; proved, 6-30-50;----; Conn.	10 dams------	33	8,345	4.5	379
Sire, 257351; dam, 272972.	Difference---	(4-5-5)	-72	.0	-6
Herd Owner, Randall B. Jones, Stonington.					
IDYLBROOK CHIEF 339477----------	14 daughters-	15	9,218	4.9	448
Born, 3-21-43; proved, 6-30-50;----; N. Y.	14 dams------	57	10,454	4.9	513
Sire, 170611; dam, 567096.	Difference---	(2-6-2)	-1,236	.0	-65
Herd Owner, Elmwood Farms, Hall.					
IMOGENE'S MARIE'S WINNER 322582----------	8 daughters--	13	7,573	4.9	373
Born, 3-30-42; proved, 6-21-50;----; Iowa.	5 daughters--	8	7,835	4.9	386
Sire, 270783; dam, 523877.	5 dams-------	14	7,748	4.9	381
Herd Owner, Royal Manny, Grimes.	Difference---	(4-3-4)	+87	.0	+5
JASMINE'S IOWAN 322006----------	11 daughters-	15	6,933	5.3	365
Born, 8-24-41; proved, 6-22-50;----; Iowa.	8 daughters--	11	7,208	5.3	382
Sire, 223681; dam, 451353.	8 dams-------	24	7,447	5.1	383
Herd Owner, Grapp Brothers, Clarksville.	Difference---	(4-6-4)	-239	+.2	-1
JIGGS OF MEADOW BROOK 347424----------	8 daughters--	10	8,804	4.9	431
Born, 11-2-43; proved, 6-19-50;----; Mich.	5 daughters--	7	8,769	4.7	409
Sire, 286370; dam, 613032.	5 dams-------	8	5,246	4.5	236
Herd Owner, Harold Kingsbury, Lapeer.	Difference---	(5-4-5)	+3,523	+.2	+173
KELLY HILL ULTRA REX 335746----------	6 daughters--	9	9,775	5.1	495
Born, 2-2-43; proved, 6-30-50;----; Pa.	6 dams-------	25	8,539	4.5	387
Sire, 293963; dam, 752811.	Difference---	(5-6-6)	+1,236	+.6	+108
Herd Owner, David W. Robertson, Belle Vernon.					
KENFLEUR'S CHALLENGER KING 351960----------	7 daughters--	8	8,289	4.7	386
Born, 6-3-43; proved, 6-26-50;----; Iowa.	5 daughters--	6	7,868	4.9	386
Sire, 289111; dam, 523832.	5 dams-------	19	7,836	4.6	364
Herd Owner, George L. Bassett & Sons, Arlington.	Difference---	(1-3-3)	+32	+.3	+22
KING SEQUEL OF SUNNY LEA 303522 *14----------	11 daughters-	18	9,669	5.1	488
Born, 7-15-41; proved, 6-7-50;----; Conn.	9 daughters--	14	9,699	5.1	496
Sire, 272480; dam, 461097.	9 dams-------	26	9,574	4.8	456
Used in Indiana A. B. A., Ind.	Difference---	(3-8-4)	+125	+.3	+40
KITCHENER PILOT 320147----------	7 daughters--	10	7,625	4.4	333
Born, 7-14-42; proved, 6-29-50;----; Maine.	6 daughters--	8	7,765	4.3	332
Sire, 293923; dam, 522014.	6 dams-------	18	7,722	5.0	384
Herd Owner, Owen L. Goss, Levant.	Difference---	(2-0-1)	+43	-.7	-52
LACKAWANNA'S LITTLE FOREMOST 374821----------	6 daughters--	9	7,820	5.0	390
Born, 4-16-41; proved, 6-6-50;----; Va.	5 daughters--	7	7,577	5.0	381
Sire, 286873; dam, 243505.	5 dams-------	16	7,709	4.6	358
Herd Owner, R. L. Blanton, Ballsville.	Difference---	(1-3-3)	-132	+.4	+23
LAKEWOOD CAVILERO 336607----------	6 daughters--	7	8,550	5.2	448
Born, 10-28-42; proved, 6-6-50;----; Ill.	5 daughters--	6	8,658	5.2	447
Sire, 296017; dam, 523347.	5 dams-------	14	10,432	4.9	509
Herd Owner, Clarence Goodrich, Gibson City.	Difference---	(1-4-1)	-1,774	+.3	-62
LARCHES CHAMPION 349049----------	6 daughters--	7	9,198	4.7	430
Born, 11-7-43; proved, 6-19-50;----; Maine.	5 daughters--	6	8,676	4.7	405
Sire, 255507; dam, 431874.	5 dams-------	13	8,080	4.5	366
Herd Owner, Oakland Farms, Gardiner.	Difference---	(3-4-4)	+596	+.2	+39
LINWOOD'S CARDINAL STAMP 321278----------	7 daughters--	11	8,528	4.7	399
Born, 3-15-42; proved, 6-21-50;----; Minn.	6 daughters--	9	8,304	4.8	396
Sire, 289246; dam, 651761.	6 dams-------	19	8,130	4.4	354
Herd Owner, Hubert Fischer, Owatonna.	Difference---	(3-4-4)	+174	+.4	+42
LONE CREEK'S GALLANT SQUIRE 367366----------	6 daughters--	6	10,073	4.9	496
Born, 8-11-44; proved, 6-7-50;----; Mich.	6 dams-------	15	8,487	5.2	441
Sire, 264695; dam, 731241.	Difference---	(5-2-5)	+1,586	-.3	+55
Used in Michigan Co-op. A. B. A., Inc.					
MAID'S MAJESTY OF GLEN FLORA 341233----------	7 daughters--	8	10,719	4.5	484
Born, 9-11-43; proved, 6-7-50;----; Wis.	7 dams-------	23	7,888	4.3	341
Sire, 305488; dam, 659755.	Difference---	(7-5-7)	+2,831	+.2	+143
Herd Owner, Carl Hartway, Park Falls.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
MASTERFUL'S MACK OF HILLSIDE 323764----------	13 daughters-	16	8,391	5.0	423
Born, 7-17-42; proved, 6-26-50;----; Pa.	7 daughters--	9	8,404	5.1	431
Sire, 207765; dam, 549473.	7 dams-------	17	8,515	4.8	406
Herd Owner, Walter T. Shobert, Brookville.	Difference---	(3-6-3)	-111	+.3	+25
MCDONALD FARMS INDEPENDENT 339641----------	10 daughters-	13	8,942	4.7	421
Born, 4-25-43; proved, 6-27-50;----; Wis.	5 daughters--	7	9,159	4.6	418
Sire, 293925; dam, 613792.	5 dams-------	18	7,449	5.0	376
Herd Owner, Hoard's Dairyman Farm, Ft. Atkinson.	Difference---	(5-0-4)	+1,710	-.4	+42
MEADOW HAVEN CHAMPION 347901----------	5 daughters--	9	7,811	4.7	371
Born, 7-16-42; proved, 6-19-50;----; Ind.	5 dams-------	9	7,999	5.1	406
Sire, 248732; dam, 370707.	Difference---	(2-2-2)	-188	-.4	-35
Herd Owner, William Dillon & J. H. White, Selma.					
MEADOW LODGE KING'S BARON 290211----------	14 daughters-	28	9,042	5.3	475
Born, 8-2-40; proved, 6-30-50;----; Kans.	6 daughters--	12	8,725	5.4	469
Sire, 196128; dam, 429610.	6 dams-------	17	8,190	5.1	416
Used in M. F. A. A. B. A., Mo.	Difference---	(3-4-4)	+535	+.3	+53
MEADOW VIEW'S JESTER 343537----------	7 daughters--	8	7,941	4.7	376
Born, 7-31-43; proved, 6-19-50;----; Pa.	6 daughters--	7	7,694	4.8	372
Sire, 280763; dam, 507692.	6 dams-------	25	8,029	4.6	370
Herd Owner, Clair H. Witmer, Willow Street.	Difference---	(3-5-4)	-335	+.2	+2
MEYER FARM CHELSEA 282050----------	8 daughters--	11	8,621	4.7	407
Born, 8-1-39; proved, 6-30-50;----; Minn.	6 daughters--	8	8,136	4.7	386
Sire, 234177; dam; 359678.	6 dams-------	12	8,849	4.5	394
Used in Floodwood Co-op. A. B. A.	Difference---	(2-4-2)	-713	+.2	-8
MONARCH'S ADA'S BUSTER 263445 *9----------	14 daughters-	24	7,623	5.1	386
Born, 3-8-37; proved, 6-29-50;----; Wis.	14 dams------	65	7,783	4.8	377
Sire, 152102; dam, 407945.	Difference---	(7-9-8)	-160	+.3	+9
Herd Owner, Fahrnwald Farm, Oshkosh.					
MONARCH'S BLUEBELL'S CHAMPION 263446 *9----------	26 daughters-	49	6,858	5.2	358
Born, 3-10-37; proved, 6-29-50; dead; Wis.	26 dams------	119	7,143	4.8	346
Sire, 152102; dam, 220367.	Difference---	(9-23-11)	-285	+.4	+12
Herd Owner, R. W. Harness, Neenah.					
MONARCH'S ROYAL MIDNIGHT 324657----------	11 daughters-	15	6,920	5.1	356
Born, 11-2-41; proved, 6-30-50;----; Wis.	8 daughters--	11	7,123	5.2	373
Sire, 268934; dam, 565045.	8 dams-------	27	7,477	4.9	369
Herd Owner, H. J. Wilson, Rush Lake.	Difference---	(1-6-4)	-354	+.3	+4
MONOGRAM OF SUNSET RIDGE 300392----------	7 daughters--	8	8,157	5.1	414
Born, 11-25-40; proved, 6-29-50;----; Mich.	6 daughters--	7	7,788	5.1	394
Sire, 203591; dam, 276285.	6 dams-------	18	7,254	5.1	366
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(5-4-5)	+534	.0	+28
MOON'S ROYAL GEORGE 226774 *7----------	28 daughters-	80	7,856	4.6	365
Born, 12-25-34; proved, 6-29-50;----; Wis.	27 daughters-	78	7,884	4.6	365
Sire, 132194; dam, 353800.	27 dams------	156	7,796	4.7	369
Herd Owner, Fahrnwald Farm, Oshkosh.	Difference---	(15-11-13)	+88	-.1	-4
MT. ARARAT LUCKY CAPTAIN 343131----------	9 daughters--	13	9,475	5.0	472
Born, 11-17-43; proved, 6-30-50;----; Iowa.	9 dams-------	26	8,838	4.7	414
Sire, 236364; dam, 495986.	Difference---	(7-8-8)	+637	+.3	+58
Herd Owner, Lester J. Miller, Wellman.					
NOOK-DALE HONOUR 341280----------	8 daughters--	8	8,094	4.7	382
Born, 9-11-43; proved, 6-13-50;----; Iowa.	8 dams-------	35	7,938	5.1	397
Sire, 275278; dam, 434289.	Difference---	(4-1-4)	+156	-.4	-15
Herd Owner, Ira B. Sternberg & Mullenix, Milford.					
OLD FARMSTEAD DICTATOR 285542 *13----------	24 daughters-	53	7,748	5.1	392
Born, 10-30-39; proved, 6-6-50;----; Wis.	20 daughters-	43	7,681	5.1	389
Sire, 185999; dam, 509595.	20 dams------	74	7,796	4.9	381
Herd Owner, Ralph Katner, Hudson.	Difference---	(9-15-12)	-115	+.2	+8
QUEEN'S KING OF GREEN ACRES 314480----------	8 daughters--	15	10,887	4.6	496
Born, 12-30-39; proved, 6-22-50;----; Md.	7 daughters--	12	10,737	4.6	491
Sire, 236388; dam, 251487.	7 dams-------	23	10,035	4.5	447
Herd Owner, Twin Meadows Farm, Centerville.	Difference---	(4-4-5)	+702	+.1	+44
QUAIL ROOST LUCKY GLAMOR 301627----------	10 daughters-	12	9,008	4.9	438
Born, 1-22-41; proved, 6-30-50;----; Va.	8 daughters--	10	9,180	4.8	439
Sire, 227993; dam, 605520.	8 dams-------	23	9,260	4.5	413
Used in Blue Ridge A. B. A., Inc.	Difference---	(3-6-5)	-80	+.3	+26
RANCHO SINGER 256137 *13----------	18 daughters-	27	8,033	4.5	358
Born, 10-20-37; proved, 6-13-50;----; Wis.	10 daughters-	18	8,225	4.4	363
Sire, 238148; dam, 400210.	10 dams------	21	7,562	4.6	349
Herd Owner, Alfred L. Johnson, Sparta.	Difference---	(6-5-5)	+663	-.2	+14

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
REPELMAR BARON REX 349286----------	8 daughters--	10	8,050	5.2	415
Born, 12-4-43; proved, 6-30-50;----; Kans.	8 dams-------	26	8,566	5.2	448
Sire, 292244; dam, 584592.	Difference---	(2-4-2)	-516	.0	-33
Herd Owner, W. J. Bublitz, Olathe.					
REX OF HEDGEVIEW 259581 *9----------	29 daughters-	63	7,329	4.8	353
Born, 11-18-37; proved, 6-29-50;----; Wis.	27 daughters-	59	7,333	4.8	355
Sire, 163411; dam, 223506.	27 dams------	112	7,023	4.9	346
Herd Owner, R. W. Harness, Neenah.	Difference---	(16-12-14)	+310	-.1	+9
ROBIN RUN VAL BARLOW 321518----------	7 daughters--	8	8,691	5.1	445
Born, 6-11-42; proved, 6-30-50;----; Pa.	6 daughters--	7	8,847	5.2	459
Sire, 276667; dam, 412686.	6 dams-------	17	8,217	5.2	426
Herd Owner, Ernest Fetzer, New Hope.	Difference---	(3-2-4)	+630	.0	+33
ROSEMONT ROYAL PRINCE 336240----------	7 daughters--	10	9,174	4.4	408
Born, 9-10-41; proved, 6-27-50;----; Mich.	7 dams-------	25	7,818	4.7	366
Sire, 220140; dam, 364704.	Difference---	(6-3-5)	+1,356	-.3	+42
Herd Owner, J. Roy & Elton Smith, Caledonia.					
ROSYMORN GLAMOUR 348780----------	6 daughters--	7	8,603	5.1	439
Born, 11-8-43; proved, 6-30-50;----; Ill.	6 dams-------	10	7,686	4.6	355
Sire, 319076; dam, 693594.	Difference---	(5-6-5)	+917	+.5	+84
Herd Owner, Ralph A. Burnham, Macomb.					
RUAYNE KING'S COMET 314816----------	14 daughters-	14	8,066	4.9	397
Born, 4-15-40; proved, 6-26-50;----; Va.	9 daughters--	9	8,565	4.9	423
Sire, 262465; dam, 486657.	9 dams-------	20	8,117	4.9	396
Herd Owner, Bayville Farms, Norfolk.	Difference---	(5-4-7)	+448	.0	+27
ST. ALBANS VALIANT'S ACTOR CHUM 330431----------	7 daughters--	10	7,721	5.0	385
Born, 6-24-42; proved, 6-30-50;----; Mo.	5 daughters--	7	7,705	5.0	382
Sire, 200316; dam, 561963.	5 dams-------	14	7,972	4.9	389
Herd Owner, Clarence C. Frerking, Concordia.	Difference---	(2-4-2)	-267	+.1	-7
SHANTITUCK JURYMAN 316590----------	12 daughters-	17	8,850	5.0	442
Born, 12-2-41; proved, 6-26-50;----; Wis.	8 daughters--	13	8,796	4.8	426
Sire, 282233; dam, 393507	8 dams-------	29	9,719	4.7	453
Herd Owner, Ralph Wagner, Barron.	Difference---	(3-5-4)	-923	+.1	-27
SHORELAND EVENING ECHO 329598----------	16 daughters-	19	7,917	4.6	366
Born, 11-2-40; proved, 6-6-50;----; Wis.	11 daughters-	12	8,082	4.7	376
Sire, 275578; dam, 376650.	11 dams------	25	8,046	5.0	400
Herd Owner, Donald Monich, Camp Douglas.	Difference---	(5-2-4)	+36	-.3	-24
SKYLINE CHALLENGER'S SUPERB 358230----------	6 daughters--	7	8,228	5.0	410
Born, 7-10-43; proved, 6-30-50;----; Iowa.	5 daughters--	6	8,198	5.2	424
Sire, 302835; dam, 526238.	5 dams-------	14	9,898	5.0	496
Herd Owner, Paul E. & Marvin Sturgeon, Woodward.	Difference---	(1-3-0)	-1,700	+.2	-72
SPRINGDALE DOT'S JUPITER 356551----------	9 daughters--	10	9,510	4.7	446
Born, 8-17-43; proved, 6-27-50;----; Mich.	9 dams-------	44	8,631	4.3	371
Sire, 286405; dam, 640686.	Difference---	(6-9-7)	+879	+.4	+75
Herd Owner, Berglund Brothers, Ironwood.					
SPRUCE SHADOWS BENJAMIN 324475----------	9 daughters--	14	8,696	4.5	395
Born, 9-21-42; proved, 6-6-50;----; Minn.	5 daughters--	5	9,263	4.4	407
Sire, 266086; dam, 466206.	5 dams-------	11	7,833	4.9	383
Herd Owner, William Rechtzigel, South St. Paul.	Difference---	(4-1-4)	+1,430	-.5	+24
SQUALTKE KING'S CHURCHILL 339437----------	8 daughters--	11	6,581	4.4	287
Born, 8-7-43; proved, 6-9-50; dead; Wash.	7 daughters--	9	6,620	4.3	286
Sire, 260871; dam, 778918.	7 dams-------	25	7,900	4.5	354
Herd Owner, B. R. Marshall, Deer Park.	Difference---	(1-3-0)	-1,280	-.2	-68
STARR FARM LEADER 355707----------	5 daughters--	5	7,212	5.7	410
Born, 5-27-43; proved, 6-26-50;----; Mich.	5 dams-------	19	8,118	5.2	423
Sire, 256435; dam, 598177.	Difference---	(1-5-1)	-906	+.5	-13
Herd Owner, Adolph Knott, Niles.					
STEADFAST LEVITY'S VALOR 350379----------	6 daughters--	7	9,537	5.0	480
Born, 10-31-43; proved, 6-21-50;----; W. Va.	5 daughters--	6	9,793	5.0	494
Sire, 263404; dam, 627488.	5 dams-------	13	9,960	4.9	493
Herd Owner, B. M. Davisson, Jane Lew.	Difference---	(2-4-2)	-167	+.1	+1
STEELE HILL MOUNTAINEER 324960----------	7 daughters--	9	6,790	5.1	349
Born, 8-21-41; proved, 6-6-50;----; N. H.	7 dams-------	27	8,457	4.9	415
Sire, 213584; dam, 506245.	Difference---	(1-4-1)	-1,667	+.2	-66
Herd Owner, Steele Hill Farm, Laconia.					
STERLINGOLD CORSAIR OF LEESIDE 346670----------	6 daughters--	6	9,821	4.4	433
Born, 9-11-43; proved, 6-19-50;----; Pa.	6 dams-------	29	9,341	4.6	429
Sire, 295373; dam, 535987.	Difference---	(4-2-2)	+480	-.2	+4
Herd Owner, Edward C. Riley, Lumberville.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SUNNY VALLEY'S CZAR 343083----------	10 daughters-	12	7,669	5.2	402
Born, 5-1-42; proved, 6-21-50;----; Vt.	7 daughters--	8	7,683	5.3	411
Sire, 284828; dam, 448381.	7 dams-------	18	5,966	4.9	294
Herd Owner, Stilphen Farm, Swanton.	Difference---	(6-5-6)	+1,717	+.4	+117
TALISMAN OF VERMILLION FARM 315798----------	8 daughters--	9	6,847	5.0	344
Born, 2-14-41; proved, 6-13-50;----; Minn.	5 daughters--	5	7,116	4.9	350
Sire, 193054; dam, 467061.	5 dams-------	14	7,320	4.8	353
Herd Owner, Vermillion Farm, Hastings.	Difference---	(4-3-3)	-204	+.1	-3
THEODORE OF CHESTER 352405----------	8 daughters--	8	7,534	4.4	331
Born, 12-27-43; proved, 6-19-50;----; Vt.	8 dams-------	52	7,879	4.7	369
Sire, 321444; dam, 726097.	Difference---	(3-2-3)	-345	-.3	-38
Herd Owner, Gilmoore Farm, Springfield.					
ULA'S ROBERT 343283----------	8 daughters--	8	7,196	4.8	346
Born, 6-5-43; proved, 6-30-50;----; Wash.	6 daughters--	6	7,003	4.7	330
Sire, 303217; dam, 668309.	6 dams-------	11	7,257	4.7	339
Herd Owner, E. L. Story, Valley.	Difference---	(3-4-2)	-254	.0	-9
ULTRA DUDE OF MAPLEWOOD 335700----------	7 daughters--	7	5,592	4.4	243
Born, 5-27-43; proved, 6-15-50;----; Pa.	7 dams-------	32	6,687	4.1	274
Sire, 308980; dam, 479226.	Difference---	(1-5-2)	-1,095	+.3	-31
Herd Owner, Alfred L. & Madaline S. Bunce, Centerville.					
VALOR'S FAITHFUL SUPREME 331788 *14----------	18 daughters-	27	9,262	4.8	443
Born, 8-20-42; proved, 6-15-50;----; Ill.	18 dams------	71	9,710	5.0	487
Sire, 276554; dam, 542603.	Difference---	(3-4-3)	-448	-.2	-44
Herd Owner, Burton Lane Farms, Deerfield.					
WAKEFIELD LUCKY CHOICE'S DUKE 352163----------	12 daughters-	13	7,186	5.0	362
Born, 5-4-44; proved, 6-30-50;----; Va.	12 dams------	43	6,947	4.9	338
Sire, 336644; dam, 579373.	Difference---	(8-8-9)	+239	+.1	+24
Herd Owner, W. J. Morris & Sons, Amelia.					
WESTERN GLOW NOBLE 317121----------	9 daughters--	14	9,065	4.4	401
Born, 1-9-42; proved, 6-19-50;----; Idaho.	6 daughters--	8	8,344	4.5	377
Sire, 274206; dam, 561090.	6 dams-------	14	9,842	5.0	488
Herd Owner, Jack C. Merrill, Paul.	Difference---	(1-1-0)	-1,498	-.5	-111
WESTERN GLOW TREASURE 364522----------	8 daughters--	9	10,644	4.7	500
Born, 4-17-40; proved, 6-6-50;----; Wash.	7 daughters--	8	10,111	4.7	476
Sire, 267068; dam, 369869.	7 dams-------	25	9,004	4.9	437
Herd Owner, Charles A. Damon, Bow.	Difference---	(3-2-4)	+1,107	-.2	+39
WEY ACRES MARDEE 265922 *10----------	17 daughters-	47	7,788	4.9	378
Born, 4-5-38; proved, 6-9-50;----; Wis.	16 daughters-	43	7,928	4.9	387
Sire, 227277; dam, 476657.	16 dams------	79	8,020	5.0	402
Herd Owner, Julius Clausing Estate, Grafton.	Difference---	(9-5-7)	-92	-.1	-15
WINONA VICTORY 313858----------	9 daughters--	19	7,078	4.9	347
Born, 11-1-41; proved, 6-22-50;----; N. H.	6 daughters--	13	7,348	5.0	365
Sire, 231025; dam, 594602.	6 dams-------	14	7,031	4.9	342
Herd Owner, Alex K. Pringle, Lebanon.	Difference---	(3-4-3)	+317	+.1	+23
WOODACRES STEADFAST ROYALTY 333176----------	8 daughters--	10	5,987	5.1	302
Born, 9-18-42; proved, 6-27-50;----; Pa.	6 daughters--	8	6,178	5.1	318
Sire, 263404; dam, 615983.	6 dams-------	14	8,397	4.8	405
Used in Nepa Co-op. A. B. A.	Difference---	(0-5-1)	-2,219	+.3	-87
WOOD FORD GOVERNOR'S BUDGET 339607----------	9 daughters--	11	6,947	4.7	325
Born, 12-26-42; proved, 6-30-50;----; Conn.	6 daughters--	7	7,284	4.6	338
Sire, 300012; dam, 460596.	6 dams-------	10	8,031	4.5	361
Herd Owner, J. William Holt, Newington.	Difference---	(2-6-2)	-747	+.1	-23
YEOMAN'S JULIAN 337666----------	7 daughters--	8	8,471	5.4	459
Born, 4-20-43; proved, 6-9-50;----; Mich.	5 daughters--	6	8,595	5.4	463
Sire, 208733; dam, 608187.	5 dams-------	14	9,813	4.6	454
Used in Michigan Co-op. A. B. A., Inc.	Difference---	(1-5-3)	-1,218	+.8	+9
35-E2571 (DHIA EARTAG)----------	10 daughters-	11	9,144	4.0	369
Born, ----; proved, 6-6-50;----; Wis.	9 daughters--	10	9,460	4.0	376
Sire, ----; dam, ----.	9 dams-------	26	8,000	4.0	323
Herd Owner, E. R. Prindle & Sons, Alma Center.	Difference---	(6-6-5)	+1,460	.0	+53
51*235746 (BANGS OR TB EARTAG)----------	8 daughters--	9	7,720	4.8	371
Born, ----; proved, 6-9-50;----; Md.	8 dams-------	19	7,724	5.0	386
Sire, ----; dam, ----.	Difference---	(4-3-3)	-4	-.2	-15
Herd Owner, Archie Rinehart, Smithsburg.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	Pounds	Percent	Pounds
ALPHYLL BONNY DE KOL 894060----------	12 daughters-	13	11,310	3.5	392
Born, 8-10-43; proved, 6-13-50;----; Wis.	10 daughters-	11	11,113	3.4	377
Sire, 676723; dam, 2000018.	10 dams------	27	11,149	3.4	380
Used in East Central Co-op. A. B. A.	Difference---	(5-4-6)	-36	.0	-3
BADGER POSCH FOBES MODEL DELL 869066 *13----------	12 daughters-	22	12,173	3.6	438
Born, 12-11-42; proved, 6-9-50;----; Wis.	12 dams------	59	12,931	3.4	446
Sire, 816450; dam, 1600996.	Difference---	(6-9-5)	-758	+.2	-8
Used in Dairy Genetics Co., Inc., Iowa (A. B. A.).					
BALLARD FARM TIP 911016 *14----------	12 daughters-	16	11,956	3.5	416
Born, 8-18-43; proved, 6-15-50;----; Pa.	11 daughters-	15	12,088	3.5	419
Sire, 783750; dam, 1953911.	11 dams------	46	12,126	3.5	430
Herd Owner, Walter D. Snyder, Cogan Station.	Difference---	(6-5-5)	-38	.0	-11
BELLE CREST SAFE GOLD DEAN 921037----------	6 daughters--	6	11,176	3.7	408
Born, 7-14-44; proved, 6-28-50;----; Pa.	6 dams-------	14	11,134	3.7	414
Sire, 854242; dam, 2139675.	Difference---	(3-3-2)	+42	.0	-6
Herd Owner, Clarence M. Cornman & Sons, Mechanicsburg.					
BELLEVUE BONHEUR PONTIAC THELMA (TWIN) 870049----------	6 daughters--	14	11,424	3.6	406
Born, 6-19-42; proved, 6-13-50;----; Md.	5 daughters--	11	11,529	3.6	411
Sire, 827068; dam, 1952037.	5 dams-------	16	12,602	3.4	431
Herd Owner, Olin S. Davis, Jr., Golts.	Difference---	(2-4-2)	-1,073	+.2	-20
BESSLYN EMPEROR ORMSBY FOBES 916471----------	14 daughters-	16	15,973	3.7	596
Born, 11-13-43; proved, 6-30-50;----; Wis.	13 daughters-	14	16,291	3.7	611
Sire, 858680; dam, 2093229.	13 dams------	53	13,863	3.6	497
Used in Tri-State Co-op. A. B. A.	Difference---	(9-10-12)	+2,428	+.1	+114
BESSLYN JASPER ORMSBY FOBES 790365 *14----------	29 daughters-	37	12,240	3.5	431
Born, 12-1-39; proved, 6-30-50;----; Wis.	24 daughters-	31	12,501	3.5	440
Sire, 711381; dam, 1874440.	24 dams------	94	11,299	3.4	382
Used in East Central Co-op. A. B. A.	Difference---	(19-15-17)	+1,202	+.1	+58
CARNATION DESIGN 784721 *14----------	11 daughters-	12	11,686	3.4	400
Born, 5-29-39; proved, 6-30-50;----; Wis.	10 daughters-	11	11,454	3.4	390
Sire, 629472; dam, 1820811.	10 dams------	35	14,501	3.5	506
Used in East Central Co-op. A. B. A.	Difference---	(2-4-2)	-3,047	-.1	-116
CARNATION HOMESTEAD ARISTOCRAT 903212----------	16 daughters-	16	12,765	3.5	453
Born, 1-25-44; proved, 6-26-50;----; Wis.	16 dams------	83	13,447	3.5	468
Sire, 629472; dam, 1840657.	Difference---	(7-12-6)	-682	.0	-15
Used in Badger Co-op. A. B. A.					
CHALLENGER TRANSMITTER AAGGIE 835595 *14----------	11 daughters-	24	12,625	3.7	472
Born, 10-15-41; proved, 6-19-50;----; Wis.	9 daughters--	19	12,597	3.8	476
Sire, 794827; dam, 1804631.	9 dams-------	27	12,529	3.6	450
Used in Dairy Genetics Co., Inc., Iowa (A. B. A.).	Difference---	(5-8-5)	+68	+.2	+26
CHERRYBOLD ADMIRAL BOAST 874103----------	8 daughters--	9	12,688	3.4	431
Born, 2-8-43; proved, 6-28-50;----; Wis.	8 dams-------	25	12,811	3.2	416
Sire, 805118; dam, 2207344.	Difference---	(4-7-4)	-123	+.2	+15
Used in Badger Co-op. A. B. A.					
CHERRYBOLD ADMIRAL FOBES 805118 *12----------	20 daughters-	30	11,581	3.6	416
Born, 4-2-40; proved, 6-19-50;----; Wis.	19 daughters-	28	11,642	3.6	416
Sire, 676723; dam, 1766062.	19 dams------	73	12,758	3.5	442
Used in Badger Co-op. A. B. A.	Difference---	(6-15-8)	-1,116	+.1	-26
COLONY VALE SIR ROMEO 16TH 880803 *13----------	26 daughters-	48	11,150	3.4	374
Born, 5-16-42; proved, 6-12-50; dead; Wis.	23 daughters-	43	11,139	3.4	376
Sire, 124858 CHB; dam, 342119 CHB.	23 dams------	66	10,767	3.6	389
Herd Owner, Ray A. Lamberson & Son, Whitehall.	Difference---	(13-8-9)	+372	-.2	-13
DOUGVIC PATHFINDER BUTTER BOY 856259 *12----------	14 daughters-	20	15,449	3.4	532
Born, 11-29-41; proved, 6-30-50;----; Ill.	12 daughters-	17	15,283	3.5	534
Sire, 776238; dam, 2032677.	12 dams------	35	12,934	3.6	462
Used in Northern Illinois Co-op. A. B. A.	Difference---	(9-6-10)	+2,349	-.1	+72
DUNLOGGIN GYPSIE GINGER 759509 *13----------	31 daughters-	53	12,102	3.5	425
Born, 7-6-38; proved, 6-6-50;----; Pa.	29 daughters-	51	12,238	3.5	430
Sire, 723898; dam, 1575136.	29 dams------	111	11,974	3.4	411
Herd Owner, Herbert J. Shaffer, Jersey Shore.	Difference---	(17-18-18)	+264	+.1	+19
DUNLOGGIN MARKER 830593 *13----------	28 daughters-	43	12,827	3.5	446
Born, 8-17-41; proved, 6-9-50; alive; N. Y.	20 daughters-	27	12,724	3.5	439
Sire, 703318; dam, 1620339.	20 dams------	49	12,793	3.5	450
Used in New York Co-op. A. B. A., Inc.	Difference---	(10-10-6)	-69	.0	-11
FEMCO KORNDYKE ROYAL INKA 796016 *14----------	29 daughters-	47	11,182	3.7	413
Born, 4-22-40; proved, 6-12-50; alive; Minn.	22 daughters-	38	11,294	3.7	421
Sire, 697000; dam, 1927393.	22 dams------	81	10,067	3.7	376
Used in South Dakota Co-op. A. B. A., S. Dak.	Difference---	(17-13-16)	+1,227	.0	+45

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GENODALE GREAT FERDINAND 778322 *11----------	110 daughters	204	11,780	3.5	414
Born, 12-12-37; proved, 6-27-50;----; N. Y.	67 daughters-	127	11,665	3.5	409
Sire, 731349; dam, 1861005.	67 dams------	203	11,356	3.5	403
Used in New York Co-op. A. B. A., Inc.	Difference---	(33-33-32)	+309	.0	+6
GILKEY FARMS CRAFTSMAN 827425 *14----------	20 daughters-	29	12,217	3.4	421
Born, 12-9-40; proved, 6-9-50;----; Iowa.	17 daughters-	26	12,107	3.5	419
Sire, 770892; dam, 2039709.	17 dams------	50	12,897	3.4	438
Used in Dairy Genetics Co., Inc. (A. B. A.).	Difference---	(4-12-8)	-790	+.1	-19
HAYS ACE 762390 *10----------	41 daughters-	101	11,143	3.6	405
Born, 12-15-34; proved, 6-9-50; dead; N. Y.	38 daughters-	89	11,154	3.6	404
Sire, 71786 CHB; dam, 155965 CHB.	38 dams------	175	11,881	3.6	428
Herd Owner, George H. Waite & Son, Cassadaga.	Difference---	(12-22-11)	-727	.0	-24
HILLSBORO SIR ORMSBY FOBES 843274 *14----------	13 daughters-	18	13,847	4.0	556
Born, 2-16-42; proved, 6-9-50; alive; Va.	12 daughters-	16	14,270	4.0	575
Sire, 654594; dam, 1448642.	12 dams------	55	12,268	3.7	450
Used in Blue Ridge A. B. A., Inc.	Difference---	(10-12-11)	+2,002	+.3	+125
JO-LO BONHEUR INKA PIEBE 871771----------	10 daughters-	14	7,821	3.5	277
Born, 12-30-42; proved, 6-30-50;----; Wis.	6 daughters--	8	7,200	3.6	260
Sire, 772716; dam, 2230415.	6 dams-------	12	8,304	3.4	278
Herd Owner, Art Messner, Waterloo.	Difference---	(1-4-2)	-1,104	+.2	-18
JONABELL GENERAL 845913 *14----------	26 daughters-	43	13,388	3.4	458
Born, 4-23-42; proved, 6-26-50;----; Iowa.	23 daughters-	37	13,626	3.4	461
Sire, 720861; dam, 1747161.	23 dams------	73	12,573	3.5	444
Used in Eastern Iowa A. B. A., Inc.	Difference---	(13-10-13)	+1,053	-.1	+17
KANSTACOL FOREMOST KILOWATT 858486----------	14 daughters-	14	11,353	3.7	415
Born, 7-28-42; proved, 6-16-50; alive; Kans.	9 daughters--	9	11,714	3.7	428
Sire, 629437; dam, 2020090.	9 dams-------	29	10,974	3.6	396
Herd Owner, State Training School, Winfield.	Difference---	(7-6-7)	+740	+.1	+32
KANSTASAN RIGA DEAN 936861----------	7 daughters--	7	11,898	3.5	418
Born, 5-28-44; proved, 6-16-50; alive; Kans.	6 daughters--	6	12,053	3.5	421
Sire, 643555; dam, 1974107.	6 dams-------	11	12,394	3.7	453
Herd Owner, Larned State Hospital, Larned.	Difference---	(3-3-3)	-341	-.2	-32
K G I S TRIUNE HERO 788101 *12----------	26 daughters-	45	11,778	3.6	428
Born, 8-6-39; proved, 6-19-50;----; Kans.	26 dams------	90	13,557	3.5	475
Sire, 666017; dam, 1493330.	Difference---	(9-17-10)	-1,779	+.1	-47
Herd Owner, Larned State Hospital, Larned.					
KING DIXIE BESSIE HAZELWOOD 27TH (TWIN) 813025 *14---------	29 daughters-	33	10,784	3.3	359
Born, 4-4-40; proved, 6-30-50;----; Wis.	24 daughters-	27	10,664	3.3	357
Sire, 746585; dam, 1244324.	24 dams------	77	10,773	3.5	373
Used in East Central Co-op. A. B. A.	Difference---	(13-13-12)	-109	-.2	-16
KING LOS ROBLES WINNIE 850336 *14----------	30 daughters-	52	14,421	3.9	558
Born, 1-23-42; proved, 6-14-50; alive; Calif.	28 daughters-	47	14,728	3.8	566
Sire, 729643; dam, 1906935.	28 dams------	41	12,289	4.2	517
Used in San Pasqual A. B. A., Inc.	Difference---	(24-6-20)	+2,439	-.4	+49
KING ORMSBY DUTCH MASTER 880000 *14----------	14 daughters-	21	14,191	3.6	513
Born, 7-3-42; proved, 6-30-50;----; Wis.	11 daughters-	17	14,403	3.6	524
Sire, 681047; dam, 2122358.	11 dams------	29	11,355	3.6	408
Used by Piper Brothers Farm (A. B. A.).	Difference---	(9-9-9)	+3,048	.0	+116
KITTITAS KING PANSY WALKER 856296----------	11 daughters-	18	12,622	3.3	416
Born, 11-30-39; proved, 6-26-50;----; Wash.	5 daughters--	7	11,849	3.3	386
Sire, 713311; dam, 1263639.	5 dams-------	23	12,928	3.4	444
Herd Owner, Ed. Dahlstedt, Burlington.	Difference---	(1-1-1)	-1,079	-.1	-58
KYLAND ADMIRAL 941809----------	8 daughters--	8	11,196	3.6	404
Born, 7-22-44; proved, 6-13-50;----; Wis.	7 daughters--	7	11,395	3.6	415
Sire, 859213; dam, 1981530.	7 dams-------	17	10,876	3.5	385
Used in East Central Co-op. A. B. A.	Difference---	(5-5-5)	+519	+.1	+30
LIBERTY HILL INKA SENATOR 857145----------	8 daughters--	8	9,869	3.5	347
Born, 8-2-42; proved, 6-5-50;----; N. Y.	5 daughters--	5	9,694	3.6	354
Sire, 739007; dam, 1910498.	5 dams-------	18	10,680	3.5	377
Herd Owner, Clark Hall, Lockport.	Difference---	(1-3-1)	-986	+.1	-23
LINCOLN SIR VALE ROMEO 915884----------	8 daughters--	9	10,238	3.4	352
Born, 1-2-44; proved, 6-26-50;----; Wis.	6 daughters--	7	10,355	3.5	363
Sire, 880803; dam, 2267312.	6 dams-------	12	9,832	3.4	332
Herd Owner, Ralph Schansberg, Whitehall.	Difference---	(4-4-4)	+523	+.1	+31
LOCVALE MASTER JERRY 867189----------	7 daughters--	10	11,463	3.7	424
Born, 9-28-42; proved, 6-13-50;----; Md.	6 daughters--	9	11,197	3.7	416
Sire, 811986; dam, 1782046.	6 dams-------	20	11,707	3.6	423
Herd Owner, Fairhaven Farms, Sykesville.	Difference---	(2-5-2)	-510	+.1	-7

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
LUDWIG FOBES SIR ECHO 895361----------	5 daughters--	5	15,066	3.6	541
Born, 9-16-43; proved, 6-30-50;----; Iowa.	5 dams-------	17	13,188	3.7	482
Sire, 823765; dam, 1548260.	Difference---	(4-2-4)	+1,878	-.1	+59
Used in South Dakota Co-op. A. B. A., S. Dak.					
MARYSFARM PIETERTJE CLOVER LAWN 800815----------	14 daughters-	33	10,776	3.5	373
Born, 1-26-40; proved, 6-5-50;----; Mich.	10 daughters-	27	11,019	3.4	370
Sire, 704742; dam, 1216507.	10 dams------	34	10,906	3.4	366
Herd Owner, St. Marys Farms, Monroe.	Difference---	(7-5-5)	+113	.0	+4
MATADOR DE KOL DE LUXE 820661 *(Mar. 1950)----------	16 daughters-	23	15,417	3.3	502
Born, 2-16-41; proved, 6-6-50; dead; Minn.	7 daughters--	12	14,631	3.4	493
Sire, 752584; dam, 1920784.	7 dams-------	22	13,907	3.3	461
Used in Land O'Lakes Creameries, Inc. (A. B. A.).	Difference---	(5-5-5)	+724	+.1	+32
N J E S CONQUEROR GRANDEUR LINN 850655 *14----------	13 daughters-	23	11,483	4.0	458
Born, 4-29-42; proved, 6-9-50; alive; N. J.	12 daughters-	22	11,332	4.0	452
Sire, 673525; dam, 1934765.	12 dams------	76	11,985	3.6	431
Herd Owner, Charles H. Kirby, Harrisonville.	Difference---	(6-10-7)	-653	+.4	+21
NORTH STAR MAJOR MAC (TWIN) 875500----------	10 daughters-	11	12,364	3.7	455
Born, 3-20-43; proved, 6-12-50;----; Iowa.	9 daughters--	10	11,636	3.7	431
Sire, 742938; dam, 2016286.	9 dams-------	30	13,562	3.4	466
Used in Dairy Genetics Co., Inc. (A. B. A.).	Difference---	(1-8-4)	-1,926	+.3	-35
PABST ADMIRAL MODEST 839307 *14----------	22 daughters-	45	10,249	3.9	399
Born, 10-29-41; proved, 6-28-50;----; Wis.	21 daughters-	44	10,317	3.9	402
Sire, 786035; dam, 2051361.	21 dams------	84	11,687	3.4	395
Used in Dane-Iowa Co-op. A. B. A.	Difference---	(6-20-10)	-1,370	+.5	+7
PABST BARTA PRILLY WAYNE 3D 865325 *14----------	9 daughters--	14	14,229	3.5	505
Born, 12-21-42; proved, 6-13-50; alive; Ind.	8 daughters--	12	14,410	3.6	514
Sire, 823785; dam, 2201519.	8 dams-------	17	12,036	3.4	405
Used in Southeastern A. B. A., N. C.	Difference---	(7-8-7)	+2,374	+.2	+109
PABST BURKE BELVALE 877660----------	18 daughters-	20	12,215	3.3	403
Born, 6-22-43; proved, 6-30-50;----; Wis.	9 daughters--	9	12,960	3.4	439
Sire, 697789; dam, 2071766.	9 dams-------	27	11,443	3.4	386
Used in East Central Co-op. A. B. A.	Difference---	(6-5-5)	+1,517	.0	+53
PABST BURKE CASCADER 882939----------	8 daughters--	8	13,833	3.7	515
Born, 8-30-43; proved, 6-22-50;----; Wis.	7 daughters--	7	14,360	3.7	534
Sire, 697789; dam, 1735547.	7 dams-------	23	13,829	3.6	496
Used in Badger Co-op. A. B. A.	Difference---	(5-5-5)	+531	+.1	+38
PARSONS DE KOL ADVOCATOR (TWIN) 891475----------	8 daughters--	8	11,841	3.7	443
Born, 1-23-42; proved, 6-16-50; alive; Kans.	7 daughters--	7	11,882	3.8	455
Sire, 756184; dam, 1539526.	7 dams-------	27	10,895	3.5	376
Herd Owner, State Hospital for Epileptics, Parsons.	Difference---	(3-7-6)	+987	+.3	+79
POPEVALE SIR OLLIE MOOIE PONTIAC 840866 *13----------	13 daughters-	14	12,708	3.8	480
Born, 11-11-41; proved, 6-21-50;----; Ill.	12 daughters-	13	12,622	3.8	477
Sire, 717259; dam, 2016788.	12 dams------	16	12,294	3.4	423
Used in Eastern Iowa A. B. A., Inc., Iowa.	Difference---	(7-10-9)	+328	+.4	+54
REKLAW ORMSBY VAPANO 860464----------	7 daughters--	10	10,953	3.2	354
Born, 9-8-42; proved, 6-28-50;----; Iowa.	5 daughters--	8	11,527	3.2	371
Sire, 799873; dam, 2165016.	5 dams-------	7	11,271	3.2	357
Herd Owner, E. J. Hutchinson, Bancroft.	Difference---	(3-2-4)	+256	.0	+14
ST. CROIXCO ADMIRAL OLLIE EMPEROR 856817----------	6 daughters--	6	12,762	3.9	497
Born, 6-6-42; proved, 6-14-50; alive; Iowa.	6 dams-------	17	11,271	3.8	427
Sire, 750270; dam, 1822374.	Difference---	(4-6-4)	+1,491	+.1	+70
Used in Tilney Farms, Minn. (A. B. A.).					
SEGIS ORMSBY FOBES AAGGIE 828184----------	33 daughters-	40	10,862	3.6	390
Born, 7-7-41; proved, 6-9-50;----; Iowa.	18 daughters-	22	10,758	3.6	389
Sire, 588187; dam, 1571553.	18 dams------	40	10,237	3.5	363
Used in Eastern Iowa A. B. A., Inc.	Difference---	(9-13-10)	+521	+.1	+26
SHIAWANA GUARDIAN HOMESTEAD 854723----------	8 daughters--	12	17,509	3.5	605
Born, 5-18-42; proved, 6-19-50;----; Mich.	6 daughters--	9	17,974	3.5	624
Sire, 762103; dam, 1762528.	6 dams-------	17	15,254	3.5	531
Used in Indiana A. B. A., Ind.	Difference---	(5-4-5)	+2,720	.0	+93
SHIAWANA IDEAL 880210 *13----------	9 daughters--	13	14,602	3.7	543
Born, 4-23-43; proved, 6-28-50;----; Mich.	8 daughters--	11	14,442	3.7	538
Sire, 762103; dam, 1982928.	8 dams-------	17	14,110	3.4	485
Used in Wisconsin Scientific Breeding Institute, Wis. (A. B. A.).	Difference---	(4-8-6)	+332	+.3	+53
SIR BESS ORMSBY DEAN 761974 *10----------	18 daughters-	39	12,638	3.6	459
Born, 9-28-37; proved, 6-9-50;----; Iowa.	9 daughters--	23	12,483	3.7	458
Sire, 514545; dam, 1482642.	9 dams-------	29	11,540	3.5	402
Used in Dairy Genetics Co., Inc. (A. B. A.).	Difference---	(5-6-6)	+943	+.2	+56

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
SIR BESS ORMSBY DEAN 14TH 904444----------	6 daughters--	7	14,219	3.7	530
Born, 11-15-43; proved, 6-30-50;----; Ind.	5 daughters--	5	13,964	3.8	527
Sire, 761974; dam, 1865811.	5 dams-------	13	14,021	3.5	497
Used by John A. Newman & Son (A. B. A.).	Difference---	(2-4-4)	-57	+.3	+30
SIR BILLY INKA TRIUNE FOBES (TWIN) 867183 *14----------	8 daughters--	15	11,789	3.4	402
Born, 10-6-42; proved, 6-7-50; alive; Kans.	7 daughters--	14	11,402	3.5	395
Sire, 707379; dam, 1708186.	7 dams-------	17	11,402	3.4	392
Used in Northwest Oklahoma A. B. A., Okla.	Difference---	(3-4-3)	0	+.1	+3
SIR-DOUG BURK DI-GERB COL WATSON 879983 *14----------	14 daughters-	23	13,212	3.8	503
Born, 1-13-43; proved, 6-13-50; alive; Pa.	14 dams------	53	11,669	3.6	425
Sire, 660575; dam, 2115387.	Difference---	(10-9-9)	+1,543	+.2	+78
Herd Owner, Loudon M. Kyle, Mackeyville.					
SIR DOUGLAS BURK PRIDE GERB-COLAN W 826709----------	15 daughters-	16	10,250	3.6	373
Born, 1-19-41; proved, 6-16-50; alive; N. Y.	12 daughters-	13	9,907	3.6	359
Sire, 660575; dam, 1812752.	12 dams------	32	12,629	3.4	434
Used in Michigan Co-op. A. B. A., Inc., Mich.	Difference---	(3-10-3)	-2,722	+.2	-75
SIR ELMWOOD ORMSBY KORNDYKE 838100----------	12 daughters-	15	13,020	3.5	455
Born, 10-15-41; proved, 6-30-50;----; Wis.	11 daughters-	14	12,913	3.5	453
Sire, 714571; dam, 1867741.	11 dams------	29	11,278	3.7	423
Herd Owner, Dusek Brothers, River Falls.	Difference---	(10-3-9)	+1,635	-.2	+30
SIR ORMSBY FOBES DICTATOR 50TH 843138 *13----------	25 daughters-	41	11,354	3.5	399
Born, 1-13-42; proved, 6-22-50;----; Kans.	24 daughters-	40	11,278	3.5	394
Sire, 662443; dam, 1985120.	24 dams------	86	11,911	3.5	420
Herd Owner, Kansas State Prison, Lansing.	Difference---	(9-14-10)	-633	.0	-26
SIR PERFECTION TRANSMITTER LILLY 866279----------	9 daughters--	9	13,757	3.7	503
Born, 11-25-42; proved, 6-30-50;----; Iowa.	5 daughters--	5	15,076	3.6	545
Sire, 798226; dam, 2236894.	5 dams-------	11	13,725	3.4	473
Herd Owner, Willis A. McAlpin, Villisca.	Difference---	(4-4-4)	+1,351	+.2	+72
SIR PIETERTJE ORMSBY POSCH FOBES 863593----------	14 daughters-	18	11,467	3.5	397
Born, 5-11-42; proved, 6-26-50;----; Wis.	6 daughters--	8	11,568	3.5	402
Sire, 709501; dam, 1642977.	6 dams-------	13	10,933	3.5	380
Used in Tri-State Co-op. A. B. A.	Difference---	(4-3-4)	+635	.0	+22
SIR PRIDE PERFECTION SUNBEAM 877495----------	8 daughters--	10	12,963	3.5	454
Born, 1-20-43; proved, 6-15-50;----; Wis.	7 daughters--	8	12,727	3.5	444
Sire, 798226; dam, 2074412.	7 dams-------	10	12,480	3.3	414
Used in Tri-State Co-op. A. B. A.	Difference---	(3-4-2)	+247	+.2	+30
SIR ORMSBY FOBES DICTATOR 56TH 873513----------	7 daughters--	10	10,791	3.7	397
Born, 2-22-43; proved, 6-7-50;----; Iowa.	6 daughters--	9	10,623	3.7	389
Sire, 662443; dam, 1941735.	6 dams-------	25	10,968	3.6	396
Herd Owner, Guy E. Hillier, Marion.	Difference---	(3-4-3)	-345	+.1	-7
SIR ORMSBY HAZEL DICTATOR 922534----------	7 daughters--	7	10,687	3.6	381
Born, 10-10-44; proved, 6-12-50;----; Minn.	6 daughters--	6	10,504	3.6	378
Sire, 857503; dam, 1626103.	6 dams-------	18	11,137	3.4	383
Herd Owner, Ted Kuhlmann, Lester Prairie.	Difference---	(2-6-2)	-633	+.2	-5
SLEEPY HOLLOW LAD SAMBO 926430 *14----------	18 daughters-	18	13,064	3.9	512
Born, 10-18-44; proved, 6-28-50;----; Calif.	18 dams------	85	12,039	3.8	459
Sire, 828703; dam, 2294215.	Difference---	(10-11-13)	+1,025	+.1	+53
Used in Sonoma-Marin Co-op. A. B. A., Inc.					
SOWISCOL DON ALEX PIETERTJE 830955 *13----------	26 daughters-	46	12,510	3.7	457
Born, 8-22-41; proved, 6-30-50;----; Wis.	25 daughters-	45	12,459	3.7	457
Sire, 688258; dam, 1860016.	25 dams------	80	10,801	3.5	380
Used in Tri-State Co-op. A. B. A.	Difference---	(18-23-21)	+1,658	+.2	+77
SPRINGBANK RAG APPLE SOVEREIGN 912280----------	13 daughters-	14	11,556	3.9	449
Born, 12-8-43; proved, 6-28-50;----; Wis.	13 dams------	44	11,242	3.3	377
Sire, 155159 CHB; dam, 352594 CHB.	Difference---	(8-13-10)	+314	+.6	+72
Used in Tri-State Co-op. A. B. A.					
STAFFORDSHIRE MONTVIC PROGRESSOR 878703----------	7 daughters--	9	11,837	3.7	432
Born, 5-5-43; proved, 6-6-50;----; N. Y.	5 daughters--	6	11,495	3.6	419
Sire, 766065; dam, 2021910.	5 dams-------	8	13,342	3.5	461
Herd Owner, West Brothers, Willsboro.	Difference---	(0-3-2)	-1,847	+.1	-42
SUNSLOPE GOVERNOR ECHO 844122----------	7 daughters--	7	14,904	3.8	562
Born, 10-28-41; proved, 6-14-50; alive; Nebr.	5 daughters--	5	15,354	3.8	577
Sire, 764799; dam, 2035675.	5 dams-------	9	13,085	3.5	460
Used in Douglas Co-op. A. B. A.	Difference---	(4-3-5)	+2,269	+.3	+117
SUNSLOPE IMPERIAL KING 887891----------	8 daughters--	9	12,156	3.8	467
Born, 8-25-43; proved, 6-12-50; alive; Nebr.	5 daughters--	6	12,910	3.8	493
Sire, 826039; dam, 1842248.	5 dams-------	10	13,760	3.6	498
Used in Douglas Co-op. A. B. A.	Difference---	(1-4-2)	-850	+.2	-5

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
UNIVERSITY NETHERLAND 788063 *14----------	32 daughters-	45	12,124	3.4	418
Born, 9-5-39; proved, 6-30-50;----; Wis.	27 daughters-	38	12,275	3.4	422
Sire, 90161 CHB; dam, 2052514.	27 dams------	102	11,387	3.6	405
Used in Dane Co-op. A. B. A.	Difference---	(17-13-15)	+888	-.2	+17
U W SEGIS SIR HEILO 866783----------	5 daughters--	8	9,610	3.2	308
Born, 12-18-42; proved, 6-26-50;----; Wis.	5 dams-------	25	10,468	3.3	340
Sire, 807399; dam, 2258515.	Difference---	(1-3-1)	-858	-.1	-32
Herd Owner, George S. Lund, Arcadia.					
WIMBLEDON MATADOR HEILO EMPEROR 858697----------	5 daughters--	7	9,252	3.6	337
Born, 7-8-42; proved, 6-30-50;----; N. Y.	5 dams-------	15	12,420	3.7	456
Sire, 671030; dam, 1878975.	Difference---	(1-3-1)	-3,168	-.1	-119
Used in New York Co-op. A. B. A., Inc.					
WIN-OLL KING ORMSBY 901316 *14----------	12 daughters-	17	11,473	3.8	438
Born, 1-3-44; proved, 6-28-50;----; W. Va.	11 daughters-	15	11,390	3.8	436
Sire, 814318; dam, 1907259.	11 dams------	40	9,740	3.4	332
Used in West Virginia Co-op. A. B. A.	Difference---	(8-9-10)	+1,650	+.4	+104
WINTERTHUR FOBES POSCH VENICE 799875 *14----------	25 daughters-	53	13,016	3.5	459
Born, 5-20-40; proved, 6-14-50; alive; Vt.	24 daughters-	50	13,060	3.5	460
Sire, 729449; dam, 2000325.	24 dams------	124	12,044	3.6	438
Used in Massachusetts A. B. A., Inc., Mass.	Difference---	(15-9-14)	+1,016	-.1	+22
WINTERTHUR FOBES POSCH XCEL 873237 *14----------	12 daughters-	21	10,876	3.8	414
Born, 12-20-42; proved, 6-6-50;----; Pa.	12 dams------	57	12,066	3.5	426
Sire, 729449; dam, 1970019.	Difference---	(4-12-4)	-1,190	+.3	-12
Herd Owner, Frank McKinney, Elizabeth.					
W I S DELL ORMSBY LASS 843086 *14----------	17 daughters-	27	12,670	3.5	447
Born, 1-22-42; proved, 6-28-50;----; Wis.	17 dams------	65	11,787	3.5	409
Sire, 698242; dam, 1811689.	Difference---	(13-11-12)	+883	.0	+38
Used in Badger Co-op. A. B. A.					
ZIMMERMAN STAR PIEBE (TWIN) 927201----------	7 daughters--	7	13,823	3.7	506
Born, 6-26-44; proved, 6-6-50;----; Pa.	7 dams-------	28	11,069	3.4	381
Sire, 731075; dam, 1851153.	Difference---	(7-6-7)	+2,754	+.3	+125
Herd Owner, Russell S. Eberly, Mechanicsburg.					
41-B7537 (DHIA EARTAG)----------	8 daughters--	15	9,841	3.7	362
Born, ----; proved, 6-7-50;----; Minn.	8 dams-------	14	9,256	3.6	335
Sire, ----; dam, ----.	Difference---	(5-4-6)	+585	+.1	+27
Herd Owner, Arnold Bakke, Zumbrota.					

JERSEY SIRES

ARIZONA DESIGN PINN 486885----------	11 daughters-	14	8,256	5.6	463
Born, 3-29-44; proved, 6-30-50;----; Wash.	11 dams------	38	7,081	5.0	356
Sire, 101495 CJCC; dam, 93351 CJCC.	Difference---	(10-10-11)	+1,175	+.6	+107
Herd Owner, Robert P. Easterbrook, Sumas.					
BLONDE PROM PAUL 462208----------	8 daughters--	8	5,400	5.6	302
Born, 1-19-44; proved, 6-12-50;----; Pa.	8 dams-------	29	7,522	5.2	391
Sire, 386960; dam, 1327278.	Difference---	(1-5-2)	-2,122	+.4	-89
Herd Owner, G. C. Shoemaker, Enon Valley.					
BLONDE VOLUNTEER LEO 457042----------	5 daughters--	7	7,321	5.6	406
Born, 2-23-44; proved, 6-6-50;----; Ill.	5 dams-------	11	7,923	5.5	433
Sire, 368886; dam, 1362988.	Difference---	(3-3-3)	-602	+.1	-27
Herd Owner, Mrs. Ralph O. Womack, Lenzburg.					
BLYTHEBRAE ROSEBOY 377554----------	13 daughters-	17	7,052	5.2	365
Born, 6-16-34; proved, 6-16-50;----; Vt.	10 daughters-	13	7,128	5.2	367
Sire, 46069 CJCC; dam, 60711 CJCC.	10 dams------	30	7,781	4.8	376
Herd Owner, Jean W. Simpson, East Craftsbury.	Difference---	(2-9-4)	-653	+.4	-9
CLEARBROOK STANDARD NOBLE 458579----------	5 daughters--	6	7,723	6.0	462
Born, 9-28-42; proved, 6-7-50;----; Vt.	5 dams-------	23	9,921	5.9	585
Sire, 429172; dam, 1221279.	Difference---	(0-4-1)	-2,198	+.1	-123
Herd Owner, Joseph & Clauda Bellefeville, Tunbridge.					
CLEMATIS DOUBLE KING 425239----------	5 daughters--	5	6,304	5.5	349
Born, 4-3-40; proved, 6-22-50;----; Pa.	5 dams-------	12	8,145	5.5	448
Sire, 351127; dam, 941283.	Difference---	(0-3-0)	-1,841	.0	-99
Herd Owner, Claude L. Carter & Son, Montrose.					
CLOVER HILL DESIGN 426416----------	8 daughters--	10	5,582	6.1	340
Born, 1-25-41; proved, 6-30-50;----; Pa.	7 daughters--	9	5,310	5.9	315
Sire, 386946; dam, 1053821.	7 dams-------	22	6,463	5.9	379
Herd Owner, George Grotzinger, Saint Marys.	Difference---	(0-4-1)	-1,153	.0	-64

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
COME SON JR. PRINCESS 459263----------	7 daughters--	7	8,074	5.4	437
Born, 7-21-43; proved, 6-7-50; dead; Calif.	7 dams-------	10	8,897	5.0	444
Sire, 410047; dam, 1293666.	Difference---	(1-6-3)	-823	+.4	-7
Herd Owner, Trussell Brothers, San Marcos.					
CYCLONE VICTOR 467122----------	8 daughters--	12	7,564	5.7	429
Born, 12-24-42; proved, 6-16-50;----; Vt.	8 dams-------	15	7,984	5.1	406
Sire, 404912; dam, 1011938.	Difference---	(3-7-5)	-420	+.6	+23
Herd Owner, Evelyn T. Riesman, West Brattleboro.					
DESIGN BAXIE FORWARD 429684 *13----------	15 daughters-	25	7,788	5.7	447
Born, 8-7-41; proved, 6-28-50;----; Iowa.	14 daughters-	22	7,751	5.8	446
Sire, 343001; dam, 916795.	14 dams------	57	8,160	5.4	443
Used in Tri-State Co-op. A. B. A., Wis.	Difference---	(6-12-8)	-409	+.4	+3
DESIGN HYTONE 417085----------	8 daughters--	8	8,797	5.5	482
Born, 10-19-40; proved, 6-5-50;----; Ind.	7 daughters--	7	9,166	5.5	503
Sire, 343001; dam, 450427.	7 dams-------	12	7,988	5.0	400
Herd Owner, Josephine D. Lee, Vincennes.	Difference---	(5-6-6)	+1,178	+.5	+103
DESIGN PRINCE BLONDE COUNT 447268----------	7 daughters--	9	7,119	5.3	380
Born, 1-9-43; proved, 6-12-50; alive; Mo.	6 daughters--	8	6,750	5.5	368
Sire, 374863; dam, 1150409.	6 dams-------	17	5,696	5.5	313
Used in Arkansas A. B. A., Ark.	Difference---	(4-4-5)	+1,054	.0	+55
DOREE XENIA PRINCE 442419 *----------	10 daughters-	12	7,836	5.4	424
Born, 1-19-42; proved, 3-17-50; dead; Conn.	7 daughters--	8	7,922	5.5	433
Sire, 405496; dam, 1293255.	7 dams-------	18	8,803	4.5	392
Herd Owner, Frank Niederwerfer, Rockville.	Difference---	(2-7-6)	-881	+1.0	+41
DUKE BEAU GIPSY 460788----------	7 daughters--	10	10,314	5.0	519
Born, 8-7-43; proved, 6-12-50;----; Conn.	7 dams-------	17	9,524	5.0	479
Sire, 356579; dam, 1166895.	Difference---	(6-5-6)	+790	.0	+40
Herd Owner, Pinnacle Rock Farm, Plainville.					
DUKE OWL PROGRESS 427782----------	6 daughters--	13	5,594	5.3	297
Born, 10-20-39; proved, 6-26-50;----; Va.	6 dams-------	13	6,084	5.6	341
Sire, 376035; dam, 1009917.	Difference---	(2-0-2)	-490	-.3	-44
Herd Owner, William E. & Mary T. Ewers, Madison Mills.					
EMBLEM FAUVIC DESIGN 452051----------	19 daughters-	36	8,302	5.0	415
Born, 4-5-42; proved, 6-22-50; alive; W. Va.	12 daughters-	20	8,281	5.1	419
Sire, 419048; dam, 1400701.	12 dams------	36	6,961	4.8	336
Used in West Virginia Co-op. A. B. A.	Difference---	(9-10-10)	+1,320	+.3	+83
ENRICHMENT REMUS 472833----------	7 daughters--	7	9,190	5.2	479
Born, 8-20-44; proved, 6-22-50;----; Wash.	6 daughters--	6	9,281	5.2	480
Sire, 408686; dam, 1302254.	6 dams-------	17	8,012	5.6	447
Herd Owner, Edward C. Blake, Sequim.	Difference---	(4-2-4)	+1,269	-.4	+33
EVERGREEN BLONDE PRINCE 446571 *13----------	12 daughters-	21	6,606	5.4	355
Born, 12-6-42; proved, 6-7-50;----; Pa.	10 daughters-	17	6,665	5.5	363
Sire, 403263; dam, 1153295.	10 dams------	39	6,922	5.5	383
Herd Owner, Carl Walker, Marion Center.	Difference---	(4-5-5)	-257	.0	-20
FERN'S VICTOR HOPE CHAMPION 458513 *14----------	9 daughters--	10	7,090	5.3	374
Born, 3-13-43; proved, 6-6-50; dead; Wis.	8 daughters--	9	7,134	5.3	379
Sire, 403809; dam, 1236603.	8 dams-------	16	7,342	5.3	390
Herd Owner, Raymond Smith, River Falls.	Difference---	(4-5-2)	-208	.0	-11
FOSTER NOBLE WARRIOR 417056----------	22 daughters-	36	6,464	5.2	337
Born, 12-4-40; proved, 6-15-50; dead; Idaho.	16 daughters-	23	6,706	5.2	349
Sire, 410280; dam, 1262825.	16 dams------	45	6,859	5.6	385
Herd Owner, B. E. Woods, Meridian.	Difference---	(8-4-3)	-153	-.4	-36
FOXY RASCAL VOLUNTEER 413421----------	6 daughters--	6	6,227	5.2	325
Born, 9-13-39; proved, 6-12-50;----; Vt.	5 daughters--	6	6,815	5.2	353
Sire, 371661; dam, 1118881.	5 dams-------	15	7,104	5.5	393
Herd Owner, Ralph H. Maxham, Woodstock.	Difference---	(1-2-1)	-289	-.3	-40
GALAHAD FAIRY VICTOR B. W. 464362----------	6 daughters--	6	5,611	5.7	322
Born, 1-20-44; proved, 6-12-50;----; Vt.	6 dams-------	14	6,622	5.6	370
Sire, 393010; dam, 1358426.	Difference---	(1-5-2)	-1,011	+.1	-48
Herd Owner, Stilloggin Farm, Brattleboro.					
GAY LADY'S BLONDE DESIGN 447337----------	6 daughters--	9	6,518	5.4	354
Born, 10-9-42; proved, 6-15-50; alive; Mo.	5 daughters--	7	6,568	5.5	364
Sire, 373402; dam, 1150608.	5 dams-------	7	6,852	5.4	370
Used in Arkansas A. B. A., Ark.	Difference---	(2-2-3)	-284	+.1	-6

* Incorrectly listed as Jardine Interest Success 442417 on page 18 of the Apr. 1950 DHIA Letter.

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
GENTEEL CHIEFTAIN 379063 *14	25 daughters-	44	7,561	5.2	390
Born, 1-19-36; proved, 6-28-50; dead; Va.	24 daughters-	42	7,602	5.2	393
Sire, 244516; dam, 872725.	24 dams------	108	7,900	5.1	405
Used in West Virginia Co-op. A. B. A., W. Va.	Difference---	(10-14-11)	-298	+.1	-12
HANKS BARONET LITTLE TIMNA 465914	7 daughters--	7	6,707	5.8	387
Born, 6-20-44; proved, 6-15-50;----; Minn.	7 dams-------	18	7,203	5.7	411
Sire, 390455; dam, 1144614.	Difference---	(2-4-2)	-496	+.1	-24
Herd Owner, Verner A. & R. A. Anderson, New York Mills.					
HIGH STANDARD WONDER LAD 457712	6 daughters--	6	5,375	5.8	311
Born, 3-24-44; proved, 6-12-50;----; Vt.	6 dams-------	31	7,908	5.0	399
Sire, 408738; dam, 1277591.	Difference---	(0-5-2)	-2,533	+.8	-88
Herd Owner, George Ranney, Putney.					
IVY LAD COMMANDER 420667	5 daughters--	5	8,427	5.4	459
Born, 2-1-41; proved, 6-6-50; dead; Ohio.	5 dams-------	8	9,819	5.3	522
Sire, 338482; dam, 1063260.	Difference---	(2-3-2)	-1,392	+.1	-63
Herd Owner, Garver Brothers, Spencer.					
JOLLY CANUTE OWL 425178	9 daughters--	14	9,543	5.2	493
Born, 9-23-40; proved, 6-13-50;----; Vt.	6 daughters--	10	9,305	4.9	455
Sire, 385196; dam, 1088631.	6 dams-------	16	9,140	4.8	435
Herd Owner, L. J. Clay, White River Junction.	Difference---	(4-5-4)	+165	+.1	+20
JUBILEE MOOR CROWN 455327	9 daughters--	9	7,633	5.4	419
Born, 2-4-44; proved, 6-13-50;----; Mich.	8 daughters--	8	7,657	5.5	425
Sire, 435106; dam, 1322579.	8 dams-------	24	7,719	5.0	385
Herd Owner, Emmett H. Davis, Rockford.	Difference---	(3-8-6)	-62	+.5	+40
LAD'S MASTER OWL 402722	8 daughters--	8	8,765	5.0	440
Born, 11-21-37; proved, 6-5-50; dead; Ohio.	6 daughters--	6	8,869	5.0	440
Sire, 358541; dam, 1044568.	6 dams-------	13	7,825	5.3	416
Herd Owner, Garver Brothers, Spencer.	Difference---	(4-2-4)	+1,044	-.3	+24
LEITHACRES TOMMY 432747 *13	9 daughters--	18	7,871	4.8	376
Born, 4-6-40; proved, 6-7-50; dead; N. Y.	8 daughters--	16	8,134	4.8	389
Sire, 387372; dam, 1168766.	8 dams-------	11	7,497	4.9	367
Herd Owner, Grove Leith, Wyoming.	Difference---	(6-5-4)	+637	-.1	+22
LILAC REMUS UNRIVALED AKSEL 460441	10 daughters-	11	7,877	5.6	441
Born, 4-15-44; proved, 6-26-50; alive; N. J.	10 dams------	37	6,671	5.4	360
Sire, 409293; dam, 1077760.	Difference---	(8-6-8)	+1,206	+.2	+81
Herd Owner, Louis M. Kiesling, Bordentown.					
MASTERS BLONDIE JACK 477303	5 daughters--	10	7,953	5.0	397
Born, 6-10-43; proved, 6-28-50;----; Mich.	5 dams-------	11	7,008	5.3	372
Sire, 421837; dam, 1118349.	Difference---	(4-2-4)	+945	-.3	+25
Herd Owner, Eugene Erskine, Hemlock.					
MIGHTY ONWARD DREAMER 459445	7 daughters--	7	8,612	4.9	425
Born, 6-14-44; proved, 6-7-50;----; Mich.	6 daughters--	6	8,739	4.9	430
Sire, 361841; dam, 1097585.	6 dams-------	10	5,728	5.5	312
Herd Owner, Art Lynch, Lapeer.	Difference---	(5-2-5)	+3,011	-.6	+118
MINNESOTA CHALLENGER 459264	7 daughters--	8	8,076	5.5	448
Born, 3-5-44; proved, 6-28-50;----; Minn.	7 dams-------	18	8,973	5.3	474
Sire, 403903; dam, 1242330.	Difference---	(2-6-2)	-897	+.2	-26
Herd Owner, Elmer G. Johnson, Underwood.					
NOBLE WONDERFUL VOLUNTEER 459505	6 daughters--	6	6,994	4.8	333
Born, 6-9-44; proved, 6-7-50; dead; Ohio.	6 dams-------	22	7,114	4.9	346
Sire, 444356; dam, 1211698.	Difference---	(3-4-3)	-120	-.1	-13
Herd Owner, Don R. Hughes, Delaware.					
OBSERVER SYBIL BARONET 401100	8 daughters--	15	5,190	5.1	266
Born, 9-23-38; proved, 6-12-50;----; Wis.	6 daughters--	11	5,209	4.9	256
Sire, 357879; dam, 1149828.	6 dams-------	16	6,593	4.8	319
Herd Owner, Ulrich Huber, Germantown.	Difference---	(0-2-1)	-1,384	+.1	-63
OWL GOLDEN BARONET 462771	11 daughters-	11	9,198	4.7	436
Born, 8-4-44; proved, 6-30-50;----; Minn.	11 dams------	41	9,021	4.6	419
Sire, 405930; dam, 1226588.	Difference---	(5-7-6)	+177	+.1	+17
Herd Owner, Gordon Hosfield, Medford.					
PEDRO'S PRIMROSE LAD 393048 *12	21 daughters-	27	7,693	5.0	385
Born, 4-26-38; proved, 6-15-50; dead; Mo.	16 daughters-	20	7,883	4.9	387
Sire, 347744; dam, 950407.	16 dams------	41	7,782	5.2	403
Used in North Texas A. B. A., Tex.	Difference---	(8-7-5)	+101	-.3	-16
PINNACLE PINN PEAK 457682	5 daughters--	5	6,613	5.5	363
Born, 7-7-44; proved, 6-15-50; alive; Mo.	5 dams-------	10	7,323	5.2	379
Sire, 428503; dam, 1364412.	Difference---	(2-3-2)	-710	+.3	-16
Used in M. F. A. A. B. A.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	*Number*	*Pounds*	*Percent*	*Pounds*
POGIS FERN FOX DUKE 453441----------	8 daughters--	9	8,184	5.3	432
Born, 2-22-43; proved, 6-30-50;----; Ohio.	8 dams-------	19	10,048	5.4	539
Sire, 369060; dam, 1328213.	Difference---	(0-4-0)	-1,864	-.1	-107
Herd Owner, Kenneth Zellar, Beloit.					
SENATOR SKID ACE 427471----------	7 daughters--	11	5,639	5.1	286
Born, 4-30-41; proved, 6-22-50;----; Pa.	5 daughters--	8	5,695	5.0	287
Sire, 412191; dam, 1203390.	5 dams-------	18	6,067	5.1	308
Herd Owner, Crawford Sachse, Moscow.	Difference---	(2-2-2)	-372	-.1	-21
SIGNAL PRINCESS VOLUNTEER 460531----------	10 daughters-	12	5,330	5.5	292
Born, 2-24-41; proved, 6-12-50;----; Mo.	10 dams------	35	5,627	5.2	292
Sire, 389199; dam, 1182154.	Difference---	(3-8-3)	-297	+.3	0
Herd Owner, O. E. Rider & Sons, Farmington, Iowa.					
STORRS SPICY GAMBOGE 400955----------	7 daughters--	13	8,531	5.6	476
Born, 9-4-38; proved, 6-19-50;----; Wis.	7 dams-------	22	7,547	5.6	420
Sire, 360347; dam, 1017953.	Difference---	(5-4-5)	+984	.0	+56
Herd Owner, Charles S. Kelly, Hudson.					
STRAPPING ROYAL 407972----------	7 daughters--	11	6,124	5.2	321
Born, 2-7-40; proved, 6-12-50;----; Maine.	5 daughters--	8	6,789	5.3	362
Sire, 388950; dam, 1160562.	5 dams-------	8	8,675	5.2	450
Herd Owner, Ross Elliott, East Corinth.	Difference---	(1-3-1)	-1,886	+.1	-88
WALNUT BASILEUS 449709 *14----------	13 daughters-	15	6,886	5.2	358
Born, 4-27-43; proved, 6-14-50;----; Md.	13 dams------	44	6,711	5.3	356
Sire, 91299 CJCC; dam, 52280 CJCC.	Difference---	(7-5-7)	+175	-.1	+2
Herd Owner, N. C. Stiles & Sons, Rockville..					
42-P7054 (DHIA EARTAG)----------	6 daughters--	9	8,282	5.3	439
Born, ----; proved, 6-7-50;----; Iowa.	5 daughters--	8	7,968	5.3	420
Sire, ----; dam, ----.	5 dams-------	9	7,129	5.0	359
Herd Owner, Harry G. Townsend, Mt. Pleasant.	Difference---	(4-3-4)	+839	+.3	+61

MILKING SHORTHORN SIRES

CLAY'S CHIEFTAIN 1982409----------	12 daughters-	19	8,865	3.9	345
Born, 2-20-39; proved, 6-7-50;----; Wis.	10 daughters-	16	8,839	3.9	346
Sire, 1866221; dam, 1741681.	10 dams------	16	7,417	3.8	282
Herd Owner, Henry L. Swanson & Sons, Amery.	Difference---	(8-6-8)	+1,422	+.1	+64
CLOVERTON RARITY 1906940----------	9 daughters--	14	5,984	4.0	238
Born, 1-5-37; proved, 6-7-50;----; Ill.	6 daughters--	10	6,653	4.1	272
Sire, 1758665; dam, 1481656.	6 dams-------	16	9,257	3.8	352
Herd Owner, Roy Horton, Princeton.	Difference---	(1-4-0)	-2,604	+.3	-80
GIFT'S SENATOR 2004845----------	5 daughters--	6	5,562	4.0	223
Born, 10-12-39; proved, 6-29-50;----; Mass.	5 dams-------	9	7,257	3.9	280
Sire, 1913281; dam, 1851834.	Difference---	(1-4-2)	-1,695	+.1	-57
Herd Owner, D. T. Barnard & Sons, Shelburne Falls.					
WOODSIDE PEER 1530049----------	12 daughters-	21	8,231	3.7	307
Born, 3-23-28; proved, 6-7-50; dead; Ind.	7 daughters--	10	8,079	3.8	305
Sire, 1405397; dam, 1138448.	7 dams-------	17	8,385	4.1	341
Herd Owner, Ty Farms, Tipton.	Difference---	(2-1-2)	-306	-.3	-36

AMERICAN DAIRY CATTLE CLUB SIRES

GENODALE GREAT FERDINAND 860
(This sire is also a registered Holstein "Genodale Great Ferdinand 778322." Proved Sire data included in Holstein listing.)

IDYLBROOK CHIEF 516
(This sire is also a registered Guernsey "Idylbrook Chief 339477." Proved Sire data included in Guernsey listing.)

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IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement Association Letter Vol. 26, No. 8

August 1950

ANOTHER ALL-TIME HIGH-PRODUCTION AVERAGE ESTABLISHED BY DHIA COWS IN 1949

For many years, cows in dairy-herd-improvement associations have been breaking one high-production record after another. In 1949, another all-time high-production level was established when the cows in dairy-herd-improvement associations produced, on the average, 8,907 pounds of milk and 359 pounds of butterfat per cow.

The following table shows the average production of association cows for various years since 1906:

Year	Cows on test (number)	Average production Milk (pounds)	Average production Butterfat (pounds)
1906	239	5,430	215
1910	1/ 25,000	1/5,730	1/227
1920	203,472	6,241	247
1930	507,549	7,642	303
1940	676,141	8,133	331
1949	943,939	8,907	359

1/Estimated.

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RSITY OF ILLINOIS

Improving dairy herds has become an old story to association members, who have followed three simple but fundamental practices through the years in their herd-improvement efforts. Association members have used the records of their cows and herds (1) to cull unprofitable cows from the herd, (2) to feed the remaining cows according to their individual producing ability, and (3) to select the best animals in their herds as breeding stock to improve the inheritance of their future herds for high-producing capacity.

Any dairyman can adopt these fundamental practices and improve his dairy herd if he has feed and production records on his individual cows.

The table on page 2 shows the production level of association cows in 1949, by States.

GPO—O—BDI 90

SUMMARY OF THE 1948-49 DAIRY-HERD-IMPROVEMENT-ASSOCIATION RECORDS, BY STATES

State	Associations active Jan. 1, 1949	Cow-years	Average production			Value of product	Cost of roughage	Cost of grain	Total feed cost	Value of product over feed cost
			Milk	Test	Butterfat					
	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars
Ala. 1/---	0	150.75	6,927	3.8	260	425	65	84	149	276
Ariz------	9	8,563.33	8,910	3.9	345	500	142	76	218	282
Ark-------	2	--	--	--	--	--	--	--	--	--
Calif-----	103	142,297.67	9,760	4.1	398	Feed costs not reported				
Colo------	17	403.25	8,717	3.9	338	437	100	81	181	256
Conn------	21	12,318.58	9,122	4.0	369	588	73	112	185	403
Del-------	4	1,791.58	8,240	4.2	345	460	76	103	179	281
Fla-------	3	2,582.67	6,615	4.7	308	437	32	176	208	229
Ga--------	11	2,639.75	5,832	4.4	257	377	81	94	175	202
T. H------	1	37.50	6,384	--	--	319	--	--	--	--
Idaho-----	26	5,586.00	8,889	4.2	371	384	93	67	160	224
Ill-------	85	30,042.33	9,411	3.9	365	393	80	72	152	241
Ind-------	81	15,947.50	8,772	4.2	366	364	70	68	138	226
Iowa------	93	29,994.67	8,666	4,0	344	325	61	79	140	185
Kans------	34	7,378.25	8,644	4.0	343	383	62	80	142	241
Ky--------	20	5,004.00	7,882	4.1	322	378	65	78	143	235
La--------	5	1,050.08	5,879	4.3	255	382	24	91	115	267
Maine-----	22	6,237.50	8,394	4.1	348	459	85	115	200	259
Md--------	29	16,188.00	8,218	4.2	346	458	67	105	172	286
Mass------	22	10,841.33	9,000	4.0	360	548	135	111	246	302
Mich------	116	36,705.08	8,801	4.0	351	404	74	83	157	247
Minn------	99	38,198.17	9,306	3.8	351	331	65	66	131	200
Miss------	4	161.75	5,538	4.9	270	288	37	92	129	159
Mo--------	46	11,471.83	7,857	4.3	338	399	66	90	156	243
Mont------	12	2,583.33	8,880	3.7	329	394	82	66	148	246
Nebr------	18	4,127.50	8,932	3.8	343	379	74	86	160	219
Nev-------	2	--	--	--	--	--	--	--	--	--
N. H------	12	5,920.75	8,122	4.1	333	500	101	113	214	286
N. J------	28	16,817.50	8,754	3.9	343	510	110	105	215	295
N. Mex----	4	1,311.67	7,983	4.0	322	565	172	94	266	299
N. Y------	175	71,433.25	9,348	3.8	352	480	75	117	192	288
N. C------	22	3,257.92	7,799	4.4	340	495	101	102	203	292
N. Dak----	4	749.42	8,824	3.7	327	331	53	64	117	214
Ohio------	74	15,943.17	8,674	4.0	351	399	68	84	152	247
Okla------	15	--	--	--	--	--	--	--	--	--
Oreg------	28	15,155.75	7,680	4.8	365	468	103	97	200	268
Pa--------	154	68,928.83	8,839	4.0	353	467	79	112	191	276
P. R------	0	--	--	--	--	--	--	--	--	--
R. I------	3	1,178.67	8,498	4.0	337	586	111	106	217	369
S. C------	2	--	--	--	--	--	--	--	--	--
S. Dak----	5	783.17	8,919	3.8	336	387	52	72	124	263
Tenn------	16	5,867.75	6,028	4.7	284	346	54	77	131	215
Tex-------	27	4,713.17	6,387	4.7	301	442	57	115	172	270
Utah------	21	7,443.25	9,116	3.9	355	431	127	82	209	222
Vt--------	51	21,985.92	7,453	4.3	319	430	73	103	176	254
Va--------	50	22,819.25	8,168	4.2	346	479	92	98	190	289
Wash------	49	24,576.67	8,757	4.4	381	436	95	84	179	257
W. Va-----	12	4,435.42	7,626	4.3	329	425	74	100	174	251
Wis-------	147	44,171.42	8,988	3.8	346	377	68	72	140	237
Wyo-------	3	354.75	8,097	4.2	338	417	66	74	140	277
Total or Average	1,787	729,150.08	8,907	4.0	359	2/390	2/71	2/85	2/156	2/234

1/Data are for an association organized after January 1.
2/Exclusive of California.

DHIA PROVED-SIRE RECORDS TABULATED IN JULY 1950

Following is a list of 176 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in July 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 14 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ANNANDALE SPRIG O'HEATHER, IMP. 77037-	6 daughters	6	8,158	4.1	332
Born, 9-4-38; proved, 7-25-50; ; Mass.	6 dams----	24	8,564	3.9	337
Sire, 59660; dam, 288074.	Difference-	(2-6-2)	-406	+.2	-5
Herd Owner, Oscar M. Burke, Edgartown.					
ASH GROVE FUTURE HOPE, IMP. 77812------	10 daughters	10	8,959	4.0	355
Born, 8-19-43; proved, 7-25-50; ; N. Y.	10 dams----	29	8,752	3.9	341
Sire, 66064; dam, 289540.	Difference--	(5-6-6)	+207	+.1	+14
Herd Owner, Ash Grove Farms, Saratoga Springs.					
ATWOOD ORCHARDS RED ACE 76350---------	9 daughters	11	9,180	3.8	353
Born, 10-9-40; proved, 7-25-50; ; N. Y.	9 dams----	16	8,319	4.0	336
Sire, 55013; dam, 195631.	Difference-	(7-1-5)	+861	-.2	+17
Herd Owner, Atwood Orchards Valcour Farms, Peru.					
COLD STREAM DOUGLAS JULY 75662--------	5 daughters	6	6,742	4.1	280
Born, 7-1-43; proved, 7-25-50; ; Ohio.	5 dams----	14	8,399	4.0	338
Sire, 57327; dam, 184540.	Difference-	(1-4-1)	-1,657	+.1	-58
Herd Owner, Prize Acre Farm, Norwalk.					
ELMSTONE LARRY 66873----------	21 daughters	36	8,564	4.2	358
Born, 2-2-41; proved, 3-29-50; dead; Pa.	10 daughters	16	8,934	4.2	374
Sire, 53833; dam, 186067.	10 dams----	22	9,271	3.9	361
Herd Owner, De Graw & Greenly, Tunkhannock.	Difference--	(5-8-7)	-337	+.3	+13
HOLMES' CAESAR 79612----------	6 daughters	6	10,365	4.0	410
Born, 8-7-44; proved, 7-5-50; ; Kans.	6 dams----	22	8,393	4.4	367
Sire, 68510; dam, 233701.	Difference-	(6-0-4)	+1,972	-.4	+43
Herd Owner, Raymond Landis, Hamlin.					
KENNEBEC TEDDY DOUGLAS 82206----------	7 daughters	7	7,619	4.1	315
Born, 4-4-44; proved, 7-25-50; ; Maine.	7 dams----	24	7,564	3.8	284
Sire, 57746; dam, 170003.	Difference-	(3-7-5)	+55	+.3	+31
Herd Owner, Kennebec Farms, Fairfield.					
KINGSLAND QUEEN'S HERO 77000----------	8 daughters	11	9,287	4.3	396
Born, 10-20-42; proved, 7-25-50; ; Conn.	7 daughters	10	9,509	4.2	400
Sire, 61316; dam, 287872.	7 dams----	19	9,395	4.1	383
Herd Owner, Kingsland Farm, Sharon.	Difference-	(4-5-3)	+114	+.1	+17
LANEWAY MASTERMAN READY 76908--------	8 daughters	8	10,388	4.0	418
Born, 2-15-44; proved, 7-25-50; ; Pa.	7 daughters	7	10,146	4.0	405
Sire, 51577; dam, 213993.	7 dams----	31	9,566	4.0	385
Herd Owner, Reidina Farm, Newtown.	Difference-	(3-4-3)	+580	.0	+20
SIR MALCOMB OF SCOTLAND 78030----------	7 daughters	10	6,704	4.1	274
Born, 1-27-43; proved, 7-25-50; ; Conn.	6 daughters	8	6,737	4.1	275
Sire, 46463; dam, 220386.	6 dams----	13	9,194	3.9	355
Herd Owner, Harold Kimball, Scotland.	Difference-	(0-5-1)	-2,457	+.2	-80
STRATHBAR DOUGLAS ROYAL 76668---------	5 daughters	7	9,413	4.2	398
Born, 11-23-43; proved, 7-25-50; ; N. Y.	5 dams----	21	8,723	4.3	377
Sire, 48394; dam, 211711.	Difference-	(3-2-3)	+690	-.1	+21
Herd Owner, Strathbar Farm, Frankfort.					
TRELAWN WARRIOR 71605----------	5 daughters	6	9,205	4.2	382
Born, 5-8-42; proved, 7-6-50; ; Ohio.	5 dams----	12	9,575	3.8	365
Sire, 62439; dam, 223639.	Difference-	(2-4-3)	-370	+.4	+17
Herd Owner, Fred Hawkins, Centerburg.					
WHITPAIN CAVEMAN 72196----------	10 daughters	13	9,308	3.8	349
Born, 7-19-42; proved, 7-6-50; ; Minn.	7 daughters-	10	9,412	3.7	348
Sire, 43060; dam, 196936.	7 dams-----	8	11,790	3.8	445
Herd Owner, Orville Lutter, Howard Lake.	Difference--	(1-4-1)	-2,378	-.1	-97

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
BRIGHT'S LILLIE'S CONCENTRATION 59762--	11 daughters	14	10,313	4.2	431
Born, 11-12-42; proved, 7-6-50; ; Iowa.	11 dams----	54	10,841	3.8	415
Sire, 50498; dam, 100170.	Difference--	(4-10-7)	-528	+.4	+16
Herd Owner, M. R. Ringoen, Ridgeway.					
CLEPE'S ROYAL OF KING'S GRANT 62225----	6 daughters	6	11,088	4.3	476
Born, 10-2-43; proved, 7-21-50; ; Ill.	5 daughters	5	11,113	4.3	477
Sire, 40112; dam, 95788.	5 dams----	10	10,063	4.0	403
Herd Owner, Savage-Marydale Farms, Lafox.	Difference-	(4-5-4)	+1,050	+.3	+74
FRANCIS OF SPRING VALLEY 32952*10-------	32 daughters	94	11,130	4.1	458
Born, 9-4-34; proved, 7-17-50; ; Iowa.	31 daughters	89	11,154	4.1	461
Sire, 27137; dam, 41532.	31 dams----	113	10,058	4.1	408
Herd Owner, H. A. Mabon, Randalia.	Difference--	(18-21-22)	+1,096	.0	+53
JUDD'S BRIDGE HENRY 58254----------	5 daughters	6	13,035	3.9	510
Born, 3-3-43; proved, 7-31-50; ; Iowa.	5 dams----	16	11,959	4.1	485
Sire, 48672; dam, 74522.	Difference-	(4-1-4)	+1,076	-.2	+25
Herd Owner, Meadow View Farm, Gowrie.					
JUDD'S BRIDGE IMPROVER 62834----------	10 daughters	11	12,432	3.9	490
Born, 11-8-43, proved, 7-13-50; ; Iowa.	10 dams----	38	11,422	3.9	450
Sire, 43672; dam, 77016.	Difference--	(6-7-7)	+1,010	.0	+40
Herd Owner, Dr. W. W. Pearson, Waukee.					
JUDD'S BRIDGE SAHIB 61566----------	7 daughters	9	11,343	4.0	458
Born, 9-25-43; proved, 7-20-50; ; Wis.	7 dams----	27	8,960	3.9	345
Sire, 53929; dam, 78969.	Difference-	(6-5-5)	+2,383	+.1	+113
Used in Land o'Lakes Creameries, Inc., Minn. (A. B. A.)					
PALU OF LAUREL RIDGE 61204----------	11 daughters	14	12,306	4.2	518
Born, 9-30-43; proved, 7-13-50; ; Conn.	11 dams----	47	10,808	4.1	444
Sire, 48672; dam, 92195.	Difference--	(7-9-7)	+1,498	+.1	+74
Herd Owner, Laurel Ridge Farm, Litchfield.					
RINGLEADER OF LILLY SWISS 61220---------	5 daughters	6	10,413	4.0	418
Born, 1-30-43; proved, 7-13-50; ; Wis.	5 dams----	13	11,821	3.9	458
Sire, 43176; dam, 93102.	Difference-	(0-3-1)	-1,408	+.1	-40
Herd Owner, Herman G. Lenz & Son, Tomah.					

GUERNSEY SIRES

ARGILLA HUNTER 338058----------	8 daughters	8	4,135	4.6	189
Born, 11-25-42; proved, 7-10-50; ; Maine	8 dams----	24	4,573	4.9	223
Sire, 203950; dam, 615878.	Difference-	(3-3-2)	-438	-.3	-34
Herd Owner, Ivory Hall, Scarboro.					
BLAKEFORD NOBLEMAN 311402----------	9 daughters	9	8,390	4.9	412
Born, 1-3-42; proved, 7-10-50; ; Vt.	8 daughters	8	8,307	4.9	410
Sire, 256253; dam, 449374.	8 dams----	35	8,055	4.8	389
Herd Owner, Howland Farm, Brattleboro.	Difference-	(5-6-5)	+252	+.1	+21
BOG MEADOW MR. CHIPS 311775----------	13 daughters	17	9,034	4.7	428
Born, 3-5-40; proved, 7-10-50; ; Conn.	6 daughters-	8	9,674	4.7	456
Sire, 254625; dam, 440316.	6 dams-----	17	8,512	4.8	408
Used in Indiana A. B. A., Ind.	Difference--	(5-3-5)	+1,162	-.1	+48
CATHEDRAL LADDIE OF FAR FIELDS 311789-	13 daughters	20	9,281	4.8	444
Born, 8-26-41; proved, 7-13-50; ; Conn.	7 daughters-	11	9,495	4.8	457
Sire, 275783; dam, 443171.	7 dams-----	23	10,056	4.7	472
Herd Owner, Walter L. Johnson, Jr., Washington.	Difference--	(4-6-4)	-561	+.1	-15
COLDSPRING'S ROMULUS ROYAL 340952-----	12 daughters	12	8,266	5.1	419
Born, 6-21-43; proved, 7-6-50; ; Pa.	12 dams----	50	8,456	5.0	427
Sire, 227598; dam, 620271.	Difference--	(4-8-4)	-190	+.1	-8
Herd Owner, Bethany Homestead Farm, Honesdale.					
FAIRLAWN H. HERMIT 339393----------	8 daughters	8	10,038	4.6	461
Born, 3-11-43; proved, 7-14-50; ; Pa.	6 daughters	6	10,808	4.5	484
Sire, 189962; dam, 557272.	6 dams----	13	9,570	4.5	428
Herd Owner, A. D. Thayer, Gwynedd Valley.	Difference-	(5-3-5)	+1,238	.0	+56
FLYING HORSE BARON 331802----------	16 daughters	20	6,995	4.6	325
Born, 5-27-42; proved, 7-10-50; ; Conn.	16 dams----	61	8,117	4.6	377
Sire, 252218; dam, 590180.	Difference--	(4-8-5)	-1,122	.0	-52
Herd Owner, Twin Wing Farm, Putnam.					
GLENWATER GALLANT 330027----------	10 daughters	15	7,709	4.9	378
Born, 12-20-42; proved, 7-18-50; ; Wis.	7 daughters-	11	7,840	4.9	387
Sire, 311803; dam, 627761.	7 dams-----	23	8,099	5.4	437
Herd Owner, Herman Gugdahl, New Lisbon.	Difference--	(4-1-2)	-259	-.5	-50

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
GREYHOLME VALIANT COMET 341303* ------	7 daughters	10	7,705	4.6	353
Born, 5-21-43; proved, 6-13-50; ; Conn.	6 daughters	8	7,905	4.6	361
Sire, 206532; dam, 414397.	6 dams----	18	8,699	4.4	379
Herd Owner, Frederick A. Barnes II, Old Mystic.	Difference-	(2-4-1)	-794	+.2	-18
GUIDING STAR OF FAIRFIELDS 289562-------	7 daughters	7	7,210	4.8	343
Born, 4-3-40; proved, 7-25-50; ; Mass.	6 daughters	6	6,748	4.7	320
Sire, 262017; dam, 582987.	6 dams----	7	9,392	4.9	462
Herd Owner, Fairfield Farm, Williamstown.	Difference-	(0-2-0)	-2,644	-.2	-142
HORSE SHOE CONRAD'S COMMANDER 322908-	14 daughters	17	6,992	4.4	309
Born, 7-2-42; proved, 7-10-50; ; Conn.	13 daughters	16	6,984	4.4	309
Sire, 301376; dam, 581652.	13 dams----	42	8,039	4.4	355
Herd Owner, George E. Norman, Jewett City.	Difference--	(5-5-5)	-1,055	.0	-46
HOWLAND NOBLE RITOR 288149----------	13 daughters	26	7,831	4.5	354
Born, 11-18-39; proved, 7-24-50; ;Mass.	6 daughters-	12	7,821	4.5	354
Sire, 258262; dam. 477264.	6 dams-----	16	7,756	4.7	364
Herd Owner, Mainstone Farm Trust, Wayland.	Difference--	(3-4-2)	+65	-.2	-10
IMPROVER'S LEADER 249094----------	12 daughters	14	7,944	4.5	357
Born, 12-25-36; proved, 7-17-50; ; Pa.	8 daughters-	10	8,042	4.4	356
Sire, 212938; dam, 349356.	8 dams-----	24	6,920	4.5	313
Used in Broome Co-op. A. B. A., Inc., N. Y.	Difference--	(5-4-5)	+1,122	-.1	+43
JOETHEL ROSEBUD'S HORACE 362177-------	7 daughters	8	6,476	4.7	306
Born, 1-25-44; proved, 7-6-50; ; Iowa.	5 daughters	6	7,228	4.6	333
Sire, 292656; dam, 443835.	5 dams----	18	6,710	4.9	330
Herd Owner, Mrs. Marie Smith, Humeston.	Difference-	(3-1-2)	+518	-.3	+3
LA CONVERT'S DUKE 326386----------	10 daughters	14	9,463	4.7	445
Born, 7-7-42; proved, 7-13-50; ; Conn.	9 daughters-	11	9,232	4.7	434
Sire, 282577; dam, 484376.	8 dams-----	22	7,766	4.8	370
Herd Owner, Stone Acres Farm, Inc., Stonington.	Difference--	(7-5-5)	+1,466	-.1	+64
LANGWATER COUNTERMAN 340128----------	15 daughters	18	7,732	4.7	365
Born, 4-4-43; proved, 7-14-50; ; Pa.	8 daughters-	10	7,744	4.8	369
Sire, 282708; dam, 424729.	8 dams-----	12	9,180	4.9	449
Herd Owner, Grayce Farms, Dalton.	Difference--	(2-5-1)	-1,436	-.1	-80
MARVEL BUSTER OF DELPHI DELL 288864---	20 daughters	42	10,256	4.5	461
Born, 11-22-39; proved, 7-24-50; ; Wash.	7 daughters-	14	9,688	4.6	443
Sire, 254225; dam, 535980.	7 dams-----	30	10,578	4.4	466
Herd Owner, Lord's Dairy, Yelm.	Difference--	(2-6-4)	-890	+.2	-23
MASTERFUL TED OF ABBOTT'S DALE 334310-	9 daughters	11	8,297	4.5	376
Born, 3-10-42; proved, 7-6-50; ; Pa.	5 daughters	7	8,357	4.7	390
Sire, 254567; dam, 531856.	5 dams----	26	3,176	5.2	429
Used in Western Pennsylvania Co-op. A. B. A.	Difference	(2-0-2)	+181	-.5	-39
MCDONALD FARMS IROQUOIS 354137----------	14 daughters	15	7,707	4.8	374
Born, 8-14-43; proved, 7-14-50; ; N. H.	10 daughters	11	7,851	4.9	386
Sire, 293925; dam, 631779.	10 dams----	42	8,163	4.5	366
Used in New Hampshire A. B. A.	Difference--	(4-7-5)	-312	+.4	+20
MULHOCAWAY BUTTERFAT BONNY 290572---	12 daughters	13	8,990	4.5	406
Born, 8-26-40; proved, 7-24-50; ; N. J.	6 daughters-	7	9,199	4.6	421
Sire, 192478; dam, 396241.	6 dams-----	17	7,999	4.8	383
Used in Cooperative A. B. A. #1, Inc.	Difference--	(3-3-4)	+1,200	-.2	+38
NEW HOPE GARDENIUS'S STEADFAST 214639-	14 daughters	22	7,471	4.9	364
Born, 10-15-33; proved, 7-14-50; ; Wis.	5 daughters-	11	7,543	5.0	380
Sire, 178663; dam, 301377.	5 dams-----	7	7,167	4.4	314
Herd Owner, Martin J. Steffanus, Custer.	Difference--	(3-5-4)	+376	+.6	+66
PENSTATE HANNIBAL LAD 327584----------	11 daughters	13	7,496	4.9	364
Born, 11-30-42; proved, 7-6-50; ; Pa.	9 daughters-	11	7,576	4.9	370
Sire, 249863; dam, 524940.	9 dams-----	29	8,314	4.9	404
Herd Owner, Levi Kenneth Sollenberger, Curryville.	Difference--	(3-5-2)	-738	.0	-34
PINEBROOK WILLKIE 291013----------	7 daughters	16	7,573	4.8	362
Born, 5-30-40; proved, 7-25-50; ; Pa.	5 daughters	10	7,318	4.9	360
Sire, 243485; dam, 390869.	5 dams----	15	9,055	4.8	437
Herd Owner, Partridge Hall Farm, Lahaska.	Difference-	(1-4-1)	-1,737	+.1	-77
PINE MANOR KING'S SIGNET 351014----------	8 daughters	8	8,295	4.9	409
Born, 2-16-44; proved, 7-17-50; ; Ind.	8 dams----	24	8,724	4.5	394
Sire, 250949; dam, 697748.	Difference-	(5-7-5)	-429	+.4	+15
Herd Owner, Peter B. Lehman, Decatur.					
PRAIRIE BEACON 304390----------	12 daughters	15	7,180	5.0	362
Born, 4-9-41; proved, 7-6-50; ; Wis.	9 daughters	13	7,628	5.1	388
Sire, 250132; dam, 264787.	9 dams----	39	7,557	4.8	360
Herd Owner, V. K. Sherburne, Rusk.	Difference--	(5-7-7)	+71	+.3	+28

* Incorrectly listed as Brooke's Cross Virginia's Pet in July 1950 DHIA Letter.

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
PRIMROSE SYMPHONY HEARTBREAKER 341216----------	8 daughters	13	7,369	5.0	371
Born, 5-7-43; proved, 7-26-50; ; Kans.	6 daughters	10	7,891	4.9	386
Sire, 248498; dam, 523517.	6 dams----	10	7,771	4.6	361
Herd Owner, John M. Mueller, Humboldt.	Difference-	(3-3-4)	+120	+.3	+25
REX'S SECRET OF HELMHURST 289628------	7 daughters	8	6,879	4.6	315
Born, 3-19-40; proved, 7-25-50; ; N. Y.	6 daughters	6	6,830	4.6	313
Sire, 223626; dam, 483217.	6 dams----	17	7,069	4.9	347
Herd Owner, Richard Meddaugh, Purling.	Difference-	(2-1-2)	-239	-.3	-34
ROCKINGHAM VOLUNTEER 367829----------	7 daughters	7	8,387	4.7	393
Born, 7-30-43; proved, 7-31-50; ; Pa.	6 daughters	6	8,789	4.6	408
Sire, 215922; dam, 403229.	6 dams----	15	8,294	5.0	415
Used in Western Pennsylvania Co-op. A. B. A.	Difference-	(4-1-3)	+495	-.4	-7
WANDA'S CLYDE 290629----------	7 daughters	12	6,760	4.4	297
Born, 3-11-40; proved, 7-25-50; ; Pa.	6 daughters	10	6,728	4.4	299
Sire, 251279; dam, 390137.	6 dams----	12	6,748	4.2	284
Herd Owner, Paul Marburger, Evans City.	Difference-	(3-5-4)	-20	+.2	+15
WESTERN GLOW DANDY 329382----------	21 daughters	34	8,825	4.7	418
Born, 8-1-42; proved, 7-14-50; ; Wash.	13 daughters	22	8,950	4.7	425
Sire, 274206; dam, 591137.	13 dams----	51	8,897	4.7	421
Herd Owner, Jackson Brothers, Sequim.	Difference--	(7-9-6)	+53	.0	+4

HOLSTEIN SIRES

ALDERHURST DELLA SUCCESSOR FRITZY (TWIN) 872455----------	8 daughters	16	12,558	3.7	469
Born, 4-7-42; proved, 7-20-50; ; Ind.	5 daughters	11	12,900	3.7	472
Sire, 807594; dam, 1968527.	5 dams----	7	13,041	3.5	462
Herd Owner, C. R. Shuder & Son, Milford.	Difference-	(3-3-3)	-141	+.2	+10
ARCOLA ARTIE CHIEF 844252----------	14 daughters	20	11,650	3.7	425
Born, 10-28-41; proved, 7-12-50; ; Ill.	12 daughters	16	12,126	3.6	440
Sire, 792389; dam, 2052078.	12 dams----	36	10,663	3.6	382
Herd Owner, Wilbur J. Swayer, Gurnee.	Difference--	(9-7-9)	+1,463	.0	+58
ARNOLMONT SIR POSCH MAYME 870343------	9 daughters	13	10,003	3.4	345
Born, 12-30-42; proved, 7-21-50; ; Pa.	9 dams----	27	10,800	3.3	356
Sire, 702266; dam, 2072353.	Difference-	(3-8-3)	-797	+.1	-11
Herd Owner, Will Arnold, Montrose.					
AUBURN GLEN PRINCE COLANTHA PIEBE 873476----------	5 daughters	7	11,275	3.5	397
Born, 1-12-43; proved, 7-26-50; ; Ill.	5 dams----	12	13,371	3.4	451
Sire, 752549; dam, 2037362.	Difference-	(1-4-2)	-2,096	+.1	-54
Herd Owner, Raymond Weinheimer, Highland.					
BANCROFT ACRES GOLDEN CROSS FOBES 870587----------	12 daughters	19	15,410	3.5	532
Born, 12-14-42; proved, 7-20-50; ; Ind.	5 daughters-	7	16,488	3.3	545
Sire, 793004; dam, 1953752.	5 dams-----	7	11,475	3.4	391
Herd Owner, Millard G. Stookey & Son, Milford.	Difference--	(5-2-5)	+5,013	-.1	+154
BAY STATE DIGNITY 763995----------	23 daughters	44	12,704	3.7	467
Born, 9-24-38; proved, 7-10-50; ; Mass.	5 daughters-	5	14,553	3.8	551
Sire, 571003; dam, 1256216.	5 dams-----	12	13,148	3.7	490
Herd Owner, Worcester State Hospital, Worcester.	Difference--	(4-4-4)	+1,405	+.1	+61
BLACK BOY KING VEEMAN 860187----------	5 daughters	8	10,279	3.1	324
Born, 11-3-42; proved, 7-20-50; ; N. Y.	5 dams----	12	10,657	3.6	387
Sire, 731668; dam, 2313374.	Difference-	(2-0-1)	-378	-.5	-63
Herd Owner, La Verne Davis & Sons, Verona.					
BLYTHEFIELD MOOIE TRIUNE 714974*14---	62 daughters	83	12,183	3.4	417
Born, 5-26-35; proved, 7-10-50; ; Mich.	32 daughters	37	12,440	3.5	434
Sire, 579343; dam, 1308200.	32 dams----	80	11,287	3.5	394
Used in Michigan Co-op. A. B. A., Inc.	Difference--	(20-19-19)	+1,153	.0	+40
BURRILANE TIPTOP GOVERNOR 860126------	7 daughters	10	14,252	3.7	531
Born, 9-22-42; proved, 7-17-50; ; Idaho.	7 dams----	23	11,630	3.4	400
Sire, 728789; dam, 2138321.	Difference-	(5-5-6)	+2,622	+.3	+131
Herd Owner, Elmer Burri, Nampa.					
CARNATION FOREMAN 768200*12----------	20 daughters	30	13,351	3.5	471
Born, 7-26-38; proved, 7-21-50; ; Wash.	15 daughters	25	12,588	3.6	459
Sire, 678142; dam, 1863021.	15 dams----	54	12,430	3.4	426
Herd Owner, Mrs. Magdalene Waltner & Son, Mount Vernon.	Difference--	(7-13-8)	+158	+.2	+33
CARNATION GOVERNOR RECORDER 872381---	10 daughters	14	10,983	3.6	398
Born, 3-25-43; proved, 7-21-50; ; Wis.	9 daughters-	12	11,098	3.6	399
Sire, 629472; dam, 2068797.	9 dams-----	28	11,197	3.3	375
Herd Owner, Schumberg & Johnston, Hartford.	Difference--	(4-9-6)	-99	+.3	+24

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
CARNATION HOMESTEAD INKA MADCAP 849698----------	8 daughters	11	12,034	3.8	458
Born, 2-24-42; proved, 7-12-50; ; Ill.	8 dams----	23	12,882	3.5	445
Sire, 629472; dam, 1883811.	Difference-	(2-8-4)	-848	+.3	+13
Herd Owner, Lloyd Harris, Waukegan.					
CARNATION IMPERIAL DUPLICATE 878247---	14 daughters	23	11,341	3.4	391
Born, 1-29-43; proved, 7-25-50; ; Minn.	10 daughters	17	11,283	3.5	392
Sire, 698462; dam, 2046831.	10 dams----	21	10,818	3.5	380
Herd Owner, Ruben Benson, Blooming Prairie.	Difference--	(6-6-5)	+465	.0	+12
CARNATION IMPERIAL INKA PRINCE 847504*13----------	16 daughters	26	11,355	3.5	395
Born, 1-4-42; proved, 7-26-50; ; Wis.	12 daughters	21	10,893	3.5	379
Sire, 698462; dam, 2068703.	12 dams----	40	10,492	3.5	371
Used in Piper Brothers Farm (A. B. A.)	Difference--	(8-6-7)	+401	.0	+8
CARNATION PLUTOCRAT 828800*14 ---------	33 daughters	49	12,547	3.7	464
Born, 7-2-41; proved, 7-13-50; ; N. Y.	26 daughters	40	12,751	3.7	476
Sire, 671573; dam, 1909678.	26 dams----	86	11,680	3.5	412
Herd Owner, Jonesvale Dairy, Cazenovia.	Difference--	(19-21-20)	+1,071	+.2	+64
CARNATION SIR PONTIAC PERFECTION 857468----------	16 daughters	24	12,174	3.4	419
Born, 5-25-42; proved, 7-10-50; ; Oreg.	10 daughters	14	11,692	3.5	412
Sire, 671573; dam, 1203358.	10 dams----	26	13,131	3.4	452
Herd Owner, St. Benedicts Abbey, St. Benedict.	Difference--	(2-6-2)	-1,439	+.1	-40
CARNATION TRADEMARK 873311----------	13 daughters	14	14,222	3.6	516
Born, 12-7-42; proved, 7-26-50; ; Iowa.	7 daughters-	8	13,902	3.6	500
Sire, 771562; dam, 1909684.	7 dams-----	14	12,409	3.5	440
Herd Owner, Lassen Bros. Dairy Farm, Atlantic.	Difference--	(4-3-4)	+1,493	+.1	+60
CASCADER PRIDE NELLIE 872902----------	15 daughters	21	12,112	3.6	436
Born, 2-4-43; proved, 7-26-50; ; Ind.	8 daughters-	11	11,840	3.6	421
Sire, 813658; dam, 1883141.	8 dams-----	13	11,907	3.3	393
Herd Owner, Indiana State Reformatory, Pendleton.	Difference--	(4-7-6)	-67	+.3	+28
CHERRYBOLD BONNY BILLY (TWIN) 874105 --	6 daughters	7	12,323	3.4	414
Born, 2-25-43; proved, 7-31-50; ; Nebr.	6 dams----	25	11,516	3.3	385
Sire, 676723; dam, 2124025.	Difference--	(3-4-3)	+807	+.1	+29
Herd Owner, State Board of Control, Lincoln.					
CHERRYBOLD DOUBLE ADMIRAL 874107------	6 daughters	9	13,263	3.5	470
Born, 3-23-43; proved, 7-31-50; ; Wis.	5 daughters	8	13,584	3.6	486
Sire, 676723; dam, 1904002.	5 dams----	16	11,803	3.7	439
Herd Owner, William H. Gruhle & Son,	Difference-	(2-2-2)	+1,781	-.1	+47
CLANYARD CHIEFTAIN SIR ORMSBY 870457--	7 daughters	7	13,297	3.4	454
Born, 3-24-43; proved, 7-19-50; ; Ill.	5 daughters	5	12,726	3.4	433
Sire, 834096; dam, 2049889.	5 dams----	14	14,701	3.3	479
Herd Owner, St. Vincents Orphanage, Freeport.	Difference-	(2-4-3)	-1,975	+.1	-46
CLANYARD PABST CASCADER 870204--------	6 daughters	11	12,079	3.6	434
Born, 1-1-43; proved, 7-26-50; ; Ill.	6 dams----	23	11,271	3.6	406
Sire, 786031; dam, 1982231.	Difference-	(5-3-4)	+808	.0	+28
Herd Owner, John Horstmann, Breese.					
CLIFFVIEW RAG APPLE DUKE 869503--------	10 daughters	11	12,509	3.6	455
Born, 10-10-42; proved, 7-26-50; ; Kans.	7 daughters-	8	13,358	3.7	489
Sire, 804340; dam, 2108883.	7 dams-----	17	8,811	4.0	351
Herd Owner, Jamison & Curtis, Leavenworth.	Difference--	(7-2-7)	+4,547	-.3	+138
COLES DAIRY SENSATION CASCADE LAD 794551----------	14 daughters	18	13,519	3.5	480
Born, 3-16-40; proved, 7-14-50; ; Ill.	9 daughters-	12	13,907	3.5	483
Sire, 720522; dam, 1738965.	9 dams-----	18	12,078	3.5	421
Herd Owner, Lee E. McCracken, Amboy.	Difference--	(6-5-7)	+1,829	.0	+62
CORRECTION SENSATION IDEAL 879331------	12 daughters	17	10,833	3.7	404
Born, 3-30-43; proved, 7-26-50; ; Wis.	10 daughters	13	10,671	3.7	397
Sire, 828006; dam, 1983385.	10 dams----	39	9,595	4.0	379
Herd Owner, Pinehurst Farm, Mishicot.	Difference--	(8-5-6)	+1,076	-.3	+18
COUNT ORMSBY FOBES PONTIAC 860252-----	13 daughters	16	12,595	3.5	439
Born, 5-12-41; proved, 7-13-50; ; Wis.	10 daughters	13	12,315	3.4	421
Sire, 749897; dam, 2022680.	10 dams----	30	11,739	3.6	423
Herd Owner, Fayette Carnes, Sr. & Son, Fort Atkinson.	Difference--	(8-3-7)	+576	-.2	-2
CRESCENT PRINCE CHARMING AGAIN 856709-	13 daughters	24	11,908	3.7	435
Born, 5-4-41; proved, 7-19-50; ; Wis.	8 daughters-	16	12,571	3.6	451
Sire, 707767; dam, 1790709.	8 dams-----	18	11,980	3.5	423
Herd Owner, Clarence Trieloff & Son, Fort Atkinson.	Difference--	(6-5-6)	+591	+.1	+28
CRESTON RAG APPLE ECHO 872209----------	10 daughters	13	14,103	3.8	531
Born, 4-21-43; proved, 7-26-50; ; Mich.	10 dams----	42	11,920	3.7	437
Sire, 812000; dam, 2099510.	Difference--	(9-8-9)	+2,183	+.1	+94
Herd Owner, George Pardonnet, Corunna.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
DEC ROBIN SENATOR ORMSBY 872802--------	9 daughters	16	8,764	3.4	301
Born, 10-26-42; proved, 7-26-50; ; Minn.	5 daughters	9	8,587	3.4	289
Sire, 802157; dam, 2153075.	5 dams----	11	12,109	3.3	397
Herd Owner, Nicholson Brothers, Savage.	Difference-	(0-4-0)	-3,522	+.1	-108
D H WINTERTHUR ORMSBY BASIN FARM 786178----------	10 daughters	20	11,402	3.4	385
Born, 10-10-39; proved, 7-18-50; ; Vt.	5 daughters-	7	11,308	3.5	399
Sire, 718775; dam, 2061957.	5 dams-----	16	12,039	3.5	419
Herd Owner, Frank S. Bishop, Springfield.	Difference--	(1-5-1)	-731	.0	-20
DUNLOGGIN CAR VAR 879147----------	6 daughters	8	11,409	3.4	393
Born, 7-7-43; proved, 7-26-50; ; Mich.	6 dams----	21	12,379	3.6	447
Sire, 855938; dam, 1947730.	Difference-	(3-1-2)	-970	-.2	-54
Herd Owner, Russell Campbell, Sandusky.					
DUNLOGGIN X AHEAD 873085----------	14 daughters	19	11,266	3.7	412
Born, 3-6-43; proved, 7-31-50; ; Md.	13 daughters	17	11,178	3.6	404
Sire, 793004; dam, 2180033.	13 dams----	38	12.429	3.6	444
Herd Owner, David F. Grossnickle, Union Bridge.	Difference--	(6-8-5)	-1,251	.0	-40
EDWARNOS GLORIOUS KING 811904*13-------	30 daughters	56	11,601	3.4	400
Born, 9-9-40; proved, 7-18-50; dead; W. Va.	26 daughters	51	11,834	3.5	410
Sire, 758396; dam, 1979037.	26 dams----	89	11,165	3.3	365
Herd Owner, Greenbrier Military School Dairy, Lewisburg.	Difference--	(15-22-15)	+669	+.2	+45
FENSON HENGERVELD MERCEDES 872393 ----	9 daughters	16	12,214	3.8	461
Born, 3-19-42; proved, 7-28-50; ; Ohio.	9 dams----	42	11,140	3.5	388
Sire, 846777; dam, 2095869.	Difference-	(8-8-9)	+1,074	+.3	+73
Herd Owner, Elton O. Beachler, Spencer.					
FOBES MARATHON BURKE LAD 813061-------	10 daughters	12	7,478	3.9	293
Born, 9-27-40; proved, 7-21-50; ; N. Y.	7 daughters-	8	7,964	3.9	309
Sire, 742597; dam, 1726406.	7 dams-----	18	10,644	3.6	379
Herd Owner, Paul A. Lien, Wallkill.	Difference--	(1-7-2)	-2,680	+.3	-70
GENODALE ORMSBY CONFIDENT 823594*13--	18 daughters	32	10,369	3.6	372
Born, 1-17-41; proved, 7-26-50; ; N. Y.	14 daughters	27	10,530	3.6	378
Sire, 748807; dam, 1974353.	14 dams----	54	10,993	3.6	398
Herd Owner, Loren J. Rowe & Glen Scudder, Halcottsville.	Difference--	(5-7-5)	-463	.0	-20
GREENWOOD ADMIRAL ORMSBY 813335*13---	15 daughters	27	11,927	3.7	443
Born, 9-30-39; proved, 7-17-50; ; Pa.	11 daughters	19	12,337	3.8	466
Sire, 671272; dam, 1693053.	11 dams----	33	12,537	3.7	463
Herd Owner, D. Q. Adams, Mifflintown.	Difference--	(6-8-6)	-200	+.1	+3
GYPSY GREAT DON MIMIR ORMSBY 876262---	17 daughters	28	12,097	3.7	444
Born, 1-27-41; proved, 7-25-50; ; Conn.	11 daughters	18	11,766	3.7	435
Sire, 643579; dam, 1871805.	11 dams----	49	10,813	3.6	390
Used in Fairfield-New Haven A. B. A.	Difference--	(8-6-7)	+953	+.1	+45
HARDSCRABBLE SIR CORA (TWIN) 870058-----8 daughters		10	14,279	3.3	471
Born, 1-11-43; proved, 7-26-50; ; Idaho.	7 daughters	9	14,297	3.3	478
Sire, 809332; dam, 1950511.	7 dams----	15	13,360	3.4	459
Herd Owner, Clayton Cope, Eagle.	Difference-	(5-1-4)	+937	-.1	+19
HASTINGS JARIE-O ELTON 870054----------	10 daughters	13	10,772	3.5	380
Born, 11-13-42; proved, 7-17-50; ; Nebr.	10 dams----	26	12,890	3.3	429
Sire, 755358; dam, 1940906.	Difference--	(1-9-1)	-2,118	+.2	-49
Herd Owner, State Board of Control, Lincoln.					
HAWKEYE IOWA ORMSBY AALTJE 872247----	10 daughters	16	11,533	3.7	427
Born, 12-18-42; proved, 7-20-50; ; Iowa.	10 dams----	24	11,163	3.7	409
Sire, 809230; dam, 1867927.	Difference--	(6-8-6)	+370	.0	+18
Herd Owner, Harold J. Jorgensen, Laurens.					
HERSHEY PIETERTJE HOMESTEAD 856442---	15 daughters	23	10,302	3.5	360
Born, 3-7-42; proved, 7-21-50; ; Pa.	8 daughters-	10	10,587	3.4	363
Sire, 688265; dam, 2320504.	8 dams-----	20	11,325	3.3	372
Herd Owner, Hershey Industrial School, Hershey.	Difference--	(5-5-4)	-738	+.1	-9
HERSHEY PIETERTJE SEGIS 869340----------	7 daughters	7	10,969	3.4	375
Born, 4-2-43; proved, 7-26-50; ; Pa.	6 daughters	6	10,941	3.4	373
Sire, 688265; dam, 2032975.	6 dams----	16	9,047	3.2	293
Herd Owner, Hershey Industrial School, Hershey.	Difference-	(6-6-6)	+1,894	+.2	+80
HIGHPATH HILTON ORMSBY FAUN 872897----	13 daughters	20	12,160	3.6	440
Born, 12-31-42; proved, 7-21-50; ; Minn.	6 daughters-	10	11,861	3.6	431
Sire, 705140; dam, 2174283.	6 dams-----	13	12,025	3.5	420
Herd Owner, Alfred Luhman, Howard Lake.	Difference--	(2-6-3)	-164	+.1	+11
HIGHPATH HOSKIN AD CYNTHIA 872896-------9 daughters		14	10,413	3.6	379
Born, 12-27-42; proved, 7-26-50; ; Minn.	8 daughters	11	10,397	3.6	376
Sire, 743686; dam, 1933968.	8 dams----	14	11,233	3.5	397
Herd Owner, Everett Hamann & F. A. Tripp, Nerstrand.	Difference-	(3-6-2)	-836	+.1	-21

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
HILLDALE KORNDYKE WALKER 857085--------	16 daughters	21	11,037	3.4	374
Born, 11-22-41; proved, 7-17-50; ; Mich.	11 daughters	13	11,413	3.4	385
Sire, 740107; dam, 2059546.	11 dams----	19	10,150	3.3	337
Herd Owner, Miller's Dairy Farms, Eaton Rapids.	Difference--	(8-7-8)	+1,263	+.1	+48
HOLLINS HEARTAG 877679----------	6 daughters	8	12,830	3.3	424
Born, 8-24-42; proved, 7-25-50; ; Va.	5 daughters	7	13,377	3.3	441
Sire, 668375; dam, 2153360.	5 dams----	15	12,928	3.6	464
Herd Owner, Hollins College, Hollins.	Difference-	(4-0-4)	+449	-.3	-23
HOWARD FARM RAG APPLE LAD 865575----	17 daughters	23	13,264	3.6	476
Born, 1-22-43; proved, 7-10-50; ; Ill.	12 daughters	13	12,900	3.6	475
Sire, 772605; dam, 2070159.	12 dams----	26	12,196	3.7	450
Herd Owner, J. Howard Swanzey & Dietmier, Ridott.	Difference--	(6-8-5)	+1,104	-.1	+25
HUFF IDEAL CORNUCOPIA OSBORNDALE 846315*14----------	19 daughters	28	9,404	3.7	348
Born, 3-12-42; proved, 7-20-50; ; N. Y.	11 daughters	16	9,015	3.7	334
Sire, 728771; dam, 1780914.	11 dams----	39	11,435	3.4	391
Used in New York Co-op. A. B. A., Inc.	Difference--	(1-9-1)	-2,420	+.3	-57
KARIOLE CARNATION PRINCE 856886--------	9 daughters	10	12,228	3.6	442
Born, 9-9-42; proved, 7-17-50; ; Wis.	5 daughters	6	12,850	3.7	473
Sire, 705177; dam, 1697823.	5 dams----	8	12,181	3.6	436
Herd Owner, Rochester Agricultural School, Rochester.	Difference-	(3-3-3)	+669	+.1	+37
KENMAC DICTATOR ORMSBY ANDIRE 865974-	12 daughters	15	14,057	3.3	460
Born, 11-10-42; proved, 7-17-50; ; Mass.	5 daughters-	7	13,045	3.3	433
Sire, 807743; dam, 1682994.	5 dams-----	7	11,642	3.4	394
Herd Owner, Charles S. Bird, Walpole.	Difference--	(4-3-4)	+1,403	-.1	+39
KING BESSIE SENATOR FOBES SEGIS 25TH 876626----------	9 daughters	9	11,727	3.5	408
Born, 12-7-42; proved, 7-25-50; ; Wis.	5 daughters	5	11,468	3.5	398
Sire, 796737; dam, 2133584.	5 dams----	10	11,625	3.5	403
Herd Owner, Williams Brothers, Randolph.	Difference-	(3-2-3)	-157	.0	-5
KING POSCH ORMSBY HENGERVELD 866589--	9 daughters	12	13,282	3.7	490
Born, 11-6-42; proved, 7-13-50; ; Wis.	9 dams----	41	10,466	3.7	386
Sire, 762097; dam, 2070834.	Difference-	(8-5-8)	+2,816	.0	+104
Herd Owner, Walter W. Schnell, Manitowoc.					
KRONEBUSCH KORNDYKE PIEBE 877810------	5 daughters	6	12,469	3.3	408
Born, 10-28-42; proved, 7-25-50; ; Minn.	5 dams----	21	12,437	3.3	413
Sire, 815176; dam, 2108663.	Difference-	(3-2-3)	+32	.0	-5
Herd Owner, John B. Kronebusch & Sons, Rollingstone.					
LAUXMONT ADMIRAL ROYAL DELLA 817182-	7 daughters	15	13,492	3.8	518
Born, 12-31-40; proved, 7-21-50; ; Wis.	5 daughters	11	14,191	3.9	555
Sire, 696612; dam, 1946747.	5 dams----	16	11,137	3.7	411
Used in Indiana A. B. A., Ind.	Difference-	(5-3-5)	+3,054	+.2	+144
LAUXMONT SAFEMASTER SENATOR 834806--	24 daughters	41	13,303	3.8	506
Born, 10-2-41, proved, 7-7-50; dead; Md.	23 daughters	40	13,307	3.8	507
Sire, 751642; dam, 1865495.	23 dams----	94	10,225	3.7	377
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.)	Difference--	(20-15-20)	+3,082	+.1	+130
LIBERTY HILL CARNATION ROYAL 920910---	5 daughters	5	11,026	3.6	397
Born, 4-23-44; proved, 7-18-50; ; N. Y.	5 dams----	24	11,341	3.6	404
Sire, 739007; dam, 1902396.	Difference-	(2-3-1)	-315	.0	-7
Herd Owner, George H. Ames & Clark Ames, De Peyster.					
LOCUSTDALE DIRECTOR 871441----------	11 daughters	18	11,709	3.6	418
Born, 1-10-43; proved, 7-14-50; ; Wis.	9 daughters-	14	11,904	3.5	420
Sire, 813168; dam, 1918284.	9 dams-----	29	12,671	3.5	438
Herd Owner, Frank J. & Don Kovars, Boscobel.	Difference--	(2-6-2)	-767	.0	-18
LOS ROBLES DE KOL PIETERTJE 871386 -----	12 daughters	12	13,757	3.6	490
Born, 12-15-42; proved, 7-19-50; ; Calif.	12 dams----	31	12,254	3.7	448
Sire, 724363; dam, 1788548.	Difference--	(10-6-10)	+1,503	-.1	+42
Herd Owner, E. L. Maddocks, Jr., Gustine.					
LYONS ONYX LAD 872834----------	12 daughters	12	10,521	3.3	352
Born, 10-20-42; proved, 7-28-50; ; Pa.	11 daughters	11	10,857	3.3	363
Sire, 755438; dam, 1917952.	11 dams----	34	9,753	3.3	319
Herd Owner, Fred E. Scott & Albert Cole Farm, Montrose.	Difference--	(7-8-6)	+1,104	.0	+44
MARQUETTE VALDESSA CORNUCOPIA 860547-	9 daughters	10	9,287	3.8	351
Born, 10-24-42; proved, 7-18-50; ; Mich.	8 daughters	9	9,198	3.8	348
Sire, 804642; dam, 2078602.	8 dams----	18	8,714	3.5	309
Herd Owner, Houghton Co. Infirmary, Hancock.	Difference-	(5-7-5)	+484	+.3	+39
MAYTAG ORMSBY FOBES 9TH (TWIN) 873509--	8 daughters	9	9,397	3.8	354
Born, 12-20-42; proved, 7-26-50; ; Iowa.	8 dams----	31	10,009	3.6	360
Sire, 784293; dam, 1962487.	Difference-	(4-6-5)	-612	+.2	-6
Herd Owner, Clarence L. Vaske, Dyersville.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
MORSANCO WALKER INKA IDEAL 870541-----	8 daughters	11	11,957	3.5	424
Born, 1-19-43; proved, 7-21-50; ; Wash.	8 dams----	28	12,900	3.3	428
Sire, 791879; dam, 1982835.	Difference-	(4-7-5)	-943	+.2	-4
Herd Owner, A. P. Anderson, Espanola.					
MT JOSEPH DE KOL POSCH 870252----------	6 daughters	7	12,967	3.4	441
Born, 4-3-43; proved, 7-19-50; ; Mo.	6 dams----	21	10,194	3.4	349
Sire, 807179; dam, 2019815.	Difference-	(5-4-4)	+2,773	.0	+92
Herd Owner, Conception Abbey, Conception.					
NETHERLAND HARTOG POSCH 877488--------	8 daughters	8	11,582	3.6	443
Born, 9-30-43; proved, 7-25-50; ; Wis.	8 dams----	29	10,279	3.9	398
Sire, 832250; dam, 1771707.	Difference-	(5-3-5)	+1,303	-.1	+45
Herd Owner, G. J. Justus & Son, Holcomb.					
NORTH STAR JERRY CONQUEROR 858562	13 daughters	16	12,082	3.7	444
Born, 6-25-42; proved, 7-10-50; ; Minn.	8 daughters-	9	12,202	3.7	446
Sire, 764118; dam, 2016285.	8 dams-----	17	11,165	3.4	383
Used in Land o'Lakes Creameries, Inc. (A. B. A.)	Difference--	(8-7-5)	+1,037	+.3	+63
OOSTIE COLANTHA 822438*13----------	21 daughters	40	11,161	3.3	369
Born, 4-9-41; proved, 7-7-50; ; Wis.	18 daughters	34	11,130	3.3	370
Sire, 727000; dam, 2049240.	18 dams----	54	10,361	3.5	368
Used in Tri-State Co-op. A. B. A.	Difference--	(11-6-11)	+769	-.2	+2
OOSTIE HOESLY TUEBIE 910290*14---------	22 daughters	32	12,082	3.5	423
Born, 9-8-42; proved, 7-10-50; ; Del.	21 daughters	31	12,011	3.5	421
Sire, 727000; dam, 1845105.	21 dams----	74	10,871	3.6	394
Used in Badger Co-op. A. B. A., Wis.	Difference--	(16-8-13)	+1,140	-.1	+27
ORMSBY FAIRVIEW MONTVIC 878330---------	9 daughters	14	10,535	3.5	364
Born, 6-12-42; proved, 7-26-50; ; Vt.	5 daughters	8	9,392	3.6	336
Sire, 788977; dam, 1962399.	5 dams----	10	9,746	3.5	345
Herd Owner, Lorenzo W. Howe, Burlington.	Difference-	(3-3-2)	-354	+.1	-9
OSBORNDALE KING EMERALD ORMSBY 778773 ----------	27 daughters	38	12,304	3.5	435
Born, 6-16-38; proved, 7-10-50; ; Mass.	7 daughters-	9	12,360	3.5	438
Sire, 676023; dam, 1678913.	7 dams-----	10	12,537	3.5	441
Herd Owner, Gardner State Hospital, East Gardner.	Difference--	(4-5-4)	-177	.0	-3
PATHWAY ORMSBY PRINCE 874233----------	13 daughters	17	12,665	3.9	489
Born, 10-29-42; proved, 7-28-50; ; Wis.	8 daughters-	9	13,272	3.9	516
Sire, 821670; dam, 2038177.	8 dams-----	18	12,258	3.7	457
Herd Owner, Robert Bartlett, Mauston.	Difference--	(7-6-6)	+1,014	+.2	+59
PEBBLE BEACH VIKING CHLOE 859926------	5 daughters	6	10,979	3.8	422
Born, 7-12-42; proved, 7-13-50; ; N. Y.	5 dams----	24	9,360	3.9	361
Sire, 808724; dam, 2166893.	Difference-	(4-3-4)	+1,619	-.1	+61
Herd Owner, William R. House, Lyons.					
PEPMOUNT ORMSBY SEGIS 870562----------	8 daughters	17	10,951	3.5	387
Born, 10-20-42; proved, 7-21-50; ; Pa.	5 daughters	11	11,034	3.6	397
Sire, 845970; dam, 2065418.	5 dams----	8	15,762	3.6	560
Herd Owner, Donald Bovier, Granville Summit.	Difference-	(1-2-0)	-4,728	.0	-163
PIKES PEAK ORMSBY KYTE PEERLESS 859915----------	8 daughters	8	10,435	3.3	349
Born, 7-30-42; proved, 7-7-50; ; Colo.	8 dams----	15	12,022	3.4	407
Sire, 768229; dam, 2175806.	Difference-	(1-3-1)	-1,587	-.1	-58
Herd Owner, Colorado State Hospital, Pueblo.					
POLK SPOFFORD INKA 873157----------	5 daughters	7	10,454	3.7	389
Born, 3-5-43; proved, 7-21-50; ; Pa.	5 dams----	19	9,609	3.7	356
Sire, 794315; dam, 1551253.	Difference-	(3-4-3)	+845	.0	+33
Herd Owner, George Jr. Republic, Grove City.					
PRINCE KORNDYKE HERITAGE 844761-------	13 daughters	28	8,536	3.4	293
Born, 3-28-41; proved, 7-7-50; ; N. Y.	6 daughters-	15	8,879	3.4	298
Sire, 778770; dam, 1646429.	6 dams-----	10	8,507	3.4	291
Herd Owner, Dewey Bickford, Copenhagen.	Difference--	(3-3-3)	+372	.0	+7
PRINCE SEGIS HOMESTEAD PABST 838707----	8 daughters	18	12,019	3.6	434
Born, 5-16-41; proved, 7-20-50; ; Ill.	6 daughters	12	11,638	3.7	425
Sire, 715471; dam, 1898923.	6 dams----	15	11,026	3.7	412
Herd Owner, Palmbeck & Hughes, Cherry Valley.	Difference-	(4-4-4)	+612	.0	+13
QUALITY NEBRASKA PIETJE GRANT 871418--	10 daughters	12	10,775	3.8	406
Born, 1-1-43; proved, 7-19-50; ; Mass.	8 daughters-	9	11,087	3.8	421
Sire, 759193; dam, 2212382.	8 dams-----	9	10,729	3.5	374
Herd Owner, E. L. & E. M. Boardman, Sheffield.	Difference--	(4-6-5)	+358	+.3	+47
RAG APPLE CAPTOR PEARL 872026---------	9 daughters	13	13,015	3.5	458
Born, 10-31-42; proved, 7-26-50; ; Ill.	7 daughters	10	12,903	3.5	450
Sire, 772605; dam, 1983761.	7 dams----	15	11,766	3.8	442
Herd Owner, John C. & Edgar Foss, Dakota.	Difference-	(6-2-4)	+1,137	-.3	+8

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
RANDOM FARM VICTOR PRINCE 856524------	8 daughters	10	9,746	3.6	354
Born, 6-25-42; proved, 7-26-50; ; Conn.	6 daughters	7	9,613	3.6	346
Sire, 833901; dam, 2263157.	6 dams----	27	9,590	3.4	322
Herd Owner, Merton W. Hills, Andover.	Difference-	(4-6-4)	+23	+.2	+24
RAVENGLEN SENATOR B PIETERTJE 860701-	9 daughters	10	12,303	3.4	419
Born, 11-9-42; proved, 7-17-50; ; Iowa.	7 daughters	7	12,251	3.4	420
Sire, 741205; dam, 1643007.	7 dams----	16	10,237	3.4	353
Herd Owner, Amana Society, Amana.	Difference-	(6-4-6)	+2,014	.0	+67
RAVENGLEN SENATOR SUPREME (TWIN) 871956----------	13 daughters	17	17,285	3.5	611
Born, 12-10-42; proved, 7-21-50; ; Calif.	8 daughters-	11	16,600	3.5	586
Sire, 741205; dam, 1790814.	8 dams-----	37	13,944	3.4	476
Herd Owner, Stockton State Hospital, Stockton.	Difference--	(6-7-7)	+2,656	+.1	+110
SCHONHOFF PRINCE KORNDYKE 856334------	8 daughters	13	10,961	3.4	375
Born, 3-18-42; proved, 7-28-50; ; Mo.	8 dams----	22	12,017	3.8	453
Sire, 628120 ; dam, 1674455.	Difference-	(2-3-1)	-1,056	-.4	-78
Herd Owner, Schonhoff Dairy, Cape Girardeau.					
SHAWS DAUNTLESS DIRECT FERN SIDE 869783----------	11 daughters	12	10,579	3.8	401
Born, 9-16-42; proved, 7-19-50; ; Conn.	11 dams----	42	11,796	3.6	430
Sire, 668530; dam, 1845208.	Difference--	(3-9-3)	-1,217	+.2	-29
Herd Owner, C. A. Bader, Glastonbury.					
SHIAWANA GRANDMASTER 831073*13--------	22 daughters	28	16,135	3.4	555
Born, 5-8-41; proved, 7-7-50; ; Mich.	17 daughters	22	16,506	3.5	571
Sire, 732743; dam, 1818152.	17 dams----	37	13,562	3.3	442
Used in Indiana A. B. A., Ind.	Difference--	(16-10-16)	+2,944	+.2	+129
SIR INKA HENGERVELD ECHO 858305--------	6 daughters	12	13,400	3.9	523
Born, 10-11-42; proved, 7-13-50; ; N. Y.	5 daughters	10	12,909	4.0	517
Sire, 682072; dam, 2061348.	5 dams----	14	13,770	3.9	540
Herd Owner, Sharon J. Mauhs, Cobleskill.	Difference-	(1-4-1)	-861	+.1	-23
SIR ORMSBY PRIDE PERFECTION 866278-----	5 daughters	7	11,735	3.5	412
Born, 11-13-42; proved, 7-17-50; ; Iowa.	5 dams----	8	11,131	3.7	408
Sire, 798226; dam, 2194157.	Difference-	(2-1-2)	+604	-.2	+4
Herd Owner, James H. Boehmler, Hampton.					
SIR RAG APPLE BETSY (TWIN) 871777--------	10 daughters	14	11,129	3.3	372
Born, 1-14-43; proved, 7-19-50; ; Wis.	7 daughters-	10	11,490	3.2	373
Sire, 792613; dam, 1816606.	7 dams-----	20	10,842	3.2	351
Herd Owner, Alfred Baas, Waukesha.	Difference--	(6-4-6)	+648	.0	+22
SIR WALKER IDEAL ORMSBY 869574---------	6 daughters	8	9,762	3.6	351
Born, 6-23-42; proved, 7-19-50; ; N. Y.	6 dams----	16	11,322	3.6	408
Sire, 690780; dam, 1498422.	Difference-	(1-4-1)	-1,560	.0	-57
Herd Owner, Edward Layba, Little Falls.					
SLEEPY HOLLOW RACOLA LEN 895804-------	15 daughters	15	12,652	4.2	531
Born, 6-28-43; proved, 7-14-50; ; Calif.	15 dams----	70	11,529	4.2	480
Sire, 752029; dam, 1881894.	Difference--	(9-9-10)	+1,123	.0	+51
Used in Sonoma-Marin Co-op. A. B. A., Inc.					
SMITH HAVEN LESTRANGE MERCEDES 869987-	10 daughters	32	14,235	3.6	517
Born, 4-2-41; proved, 7-17-50; ; Mich.	6 daughters-	19	14,327	3.6	518
Sire, 841127; dam, 356724 CHB.	6 dams-----	15	12,469	3.4	428
Herd Owner, Pine Row Farm, Clarkston.	Difference--	(5-3-6)	+1,858	+.2	+90
SMITH HAVEN RAG APPLE CLIPPER 873706 --	13 daughters	19	11,904	3.5	411
Born, 2-23-43; proved, 7-28-50; ; Wis.	12 daughters	18	12,088	3.4	416
Sire, 144666 CHB; dam, 378605 CHB.	12 dams----	45	11,850	3.5	413
Used in Dane-Iowa A. B. A.	Difference--	(4-6-6)	+238	-.1	+3
SPRINGBANK MERCEDES COMMANDER 856713----------	7 daughters	8	12,247	3.1	386
Born, 3-26-42; proved, 7-10-50; Mich.	5 daughters	5	13,159	3.1	403
Sire, 135338 CHB; dam, 398125 CHB.	5 dams----	8	11,862	3.2	378
Herd Owner, Dr. F. H. Donahue, Cass City.	Difference-	(4-3-2)	+1,297	-.1	+25
STONYSIDE SEGIS 858482----------	7 daughters	9	12,388	3.2	399
Born, 1-2-42; proved, 7-10-50; ; Wis.	5 daughters	6	12,994	3.2	417
Sire, 795362; dam, 1896490.	5 dams----	20	11,336	3.4	385
Herd Owner, Wm. J. Figi, Sr., Argyle.	Difference-	(4-2-4)	+1,658	-.2	+32
STRATTON SIR JEWEL INKA 2D 872374-------	7 daughters	11	10,020	3.7	368
Born, 4-17-43; proved, 7-21-50; ; Colo.	5 daughters	8	9,607	3.7	358
Sire, 829037; dam, 2219546.	5 dams----	20	12,585	3.8	480
Herd Owner, El Paso County Farm, Colorado Springs.	Difference-	(1-1-0)	-2,978	-.1	-122
SUNSHINE FRECKLES BESSIE LAUNFAL 857865----------	9 daughters	17	7,922	3.4	267
Born, 11-25-41; proved, 7-7-50; ; Wis.	9 dams----	22	10,944	3.6	397
Sire, 764426; dam, 2110508.	Difference-	(0-4-1)	-3,022	-.2	-130
Herd Owner, Pierce & Meinders, Randolph.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SWEET RAG APPLE ORMSBY 872343----------	11 daughters	12	9,299	3.5	323
Born, 1-31-43; proved, 7-26-50; ; Pa.	6 daughters-	6	9,238	3.5	320
Sire, 712839; dam, 1888485.	6 dams-----	9	10,498	3.5	383
Herd Owner, Downs Farm, Jersey Shore.	Difference--	(2-4-1)	-1,260	.0	-43
SX WESTVIEW PILOT 866222----------	6 daughters	8	13,870	3.4	474
Born, 2-14-43; proved, 7-17-50; ; Pa.	6 dams----	20	13,639	3.5	471
Sire, 700000; dam, 1315576.	Difference-	(3-3-3)	+231	-.1	+3
Herd Owner, Jesse Smith & Son, Belle Vernon.					
TIDY COUNT FOBES 871269----------	7 daughters	9	11,994	3.4	413
Born, 9-3-42; proved, 7-19-50; ; Minn.	5 daughters	7	11,770	3.5	414
Sire, 800497; dam, 2144629.	5 dams----	15	13,277	3.2	430
Herd Owner, Orval Hoyt, Albert Lea.	Difference-	(2-5-2)	-1,507	+.3	-16
TILFA SEGIS ORMSBY 874336----------	8 daughters	11	12,252	3.4	419
Born, 10-27-42; proved, 7-31-50; ; Minn.	5 daughters	8	13,824	3.5	479
Sire, 716459; dam, 2051666.	5 dams----	9	10,301	3.7	377
Herd Owner, Tilney Farms, Lewisville.	Difference-	(4-1-3)	+3,523	-.2	+102
TOP FLIGHT COMMANDER 876260----------	9 daughters	12	11,028	3.3	362
Born, 4-1-43; proved, 7-26-50; ; Wis.	6 daughters	8	11,287	3.2	367
Sire, 786318; dam, 1935476.	6 dams----	11	10,800	3.4	363
Herd Owner, Rueben Kreiman, Kiel.	Difference-	(4-3-2)	+487	-.2	+4
TREMCO MATADOR PRINCE 872606----------	8 daughters	13	10,170	3.3	333
Born, 11-10-42; proved, 7-26-50; ; Wis.	6 daughters	10	9,928	3.4	333
Sire, 671379; dam, 2148514.	6 dams----	22	9,062	3.6	324
Herd Owner, George S. Lund, Arcadia.	Difference-	(3-1-2)	+866	-.2	+9
TRITOMIA SUPERB OF SCHRIERDALE 866739-	8 daughters	10	11,934	3.6	430
Born, 11-8-42; proved, 7-13-50; ; Iowa.	6 daughters	7	12,076	3.6	438
Sire, 787346; dam, 1729776.	6 dams----	17	12,601	3.7	464
Herd Owner, Noah V. Brenneman, Kalona.	Difference-	(3-4-2)	-525	-.1	-26
TRIUNE FOBES MECHTHILDE 822837*14------	45 daughters	76	12,710	3.8	480
Born, 12-14-40; proved, 7-7-50; ; Wis.	39 daughters	66	12,924	3.8	490
Sire, 718867; dam, 1595192.	39 dams----	185	13,842	3.6	493
Used in Indiana A. B. A., Ind.	Difference--	(16-33-21)	-918	+.2	-3
TRI YO SIR AAGGIE (TRIPLET) 866281--------	5 daughters	6	13,111	3.3	433
Born, 12-16-42; proved, 7-17-50; ; Ky.	5 dams----	15	11,539	3.5	409
Sire, 754520; dam, 1959004.	Difference-	(3-0-3)	+1,572	-.2	+24
Herd Owner, John E. Kalmey, Shelbyville.					
U W MORAG SIR WAYNE 871201----------	6 daughters	10	11,004	3.6	394
Born, 12-19-42; proved, 7-20-50; ; Wis.	6 dams----	21	11,692	3.5	406
Sire, 832252; dam, 2134264.	Difference-	(2-4-2)	-688	+.1	-12
Herd Owner, Julius Nelsestuen, Arcadia.					
VAN HOOSEN KING BESSIE JANSEN 871061----	11 daughters	12	12,475	3.6	450
Born, 6-23-42; proved, 7-19-50; ; Mich.	8 daughters-	9	12,967	3.6	470
Sire, 652274; dam, 1838324.	8 dams-----	16	10,244	3.7	374
Herd Owner, Wm. T. Rapley, Yale.	Difference--	(7-4-7)	+2,723	-.1	+96
WEBCO ROYAL MAN-O-WAR 849100----------	7 daughters	10	8,599	3.7	319
Born, 9-19-41; proved, 7-21-50; ; Minn.	7 dams----	10	8,771	3.5	308
Sire, 739097; dam, 1927396.	Difference-	(3-5-5)	-172	+.2	+11
Herd Owner, Henry Borgerding & Wiener Bros., Regal.					
WEBER BURKE PEPPER 858842----------	8 daughters	9	10,661	3.6	389
Born, 7-27-42; proved, 7-13-50; ; N. Y.	8 dams----	24	10,367	3.7	379
Sire, 697789, dam, 1920608.	Difference-	(5-4-5)	+294	-.1	+10
Herd Owner, H. R. Wait Company, Auburn.					
WINTERTHUR FOBES GREAT VISCOUNT 823055*14----------	21 daughters	44	16,224	3.6	581
Born, 12-1-40; proved, 7-7-50; ; Conn.	21 dams----	84	15,689	3.3	522
Sire, 729449; dam, 1934438.	Difference--	(13-17-18)	+535	+.3	+59
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)					
WINTERTHUR PILOT GREAT XANTHIC 847438----------	8 daughters	12	11,165	3.4	383
Born, 1-22-42; proved, 7-12-50; ; Pa.	6 daughters	9	10,973	3.5	381
Sire, 700000; dam, 1848114.	6 dams----	14	10,452	3.6	378
Herd Owner, Miss Nancy L. Tinklepaugh, Thompson.	Difference-	(4-3-3)	+521	-.1	+3
WINTERTHUR VICTOR STAR ZODIAC 923314--	14 daughters	14	14,720	4.0	590
Born, 8-9-44; proved, 7-17-50; ; N. Y.	14 dams----	60	12,501	3.8	477
Sire, 800000; dam, 2205507.	Difference--	(11-12-11)	+2,219	+.2	+113
Herd Owner, Fenton H. Wagar & Sons, Penn Yan.					
WISOF SENSATION MUSIC MASTER 856617---	7 daughters	8	12,963	3.7	474
Born, 8-30-42; proved, 7-10-50; ; Wis.	6 daughters	6	13,133	3.7	485
Sire, 805738; dam, 1831018.	6 dams----	20	11,663	3.7	429
Herd Owner, Oregon State Farm, Oregon.	Difference-	(3-2-4)	+1,470	.0	+56

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ZURCHER DEAN ORMSBY MERCEDES STAR 870594	7 daughters	10	11,388	3.4	383
Born, 3-29-42; proved, 7-20-50; ; Minn.	6 daughters	8	11,465	3.4	394
Sire, 787631; dam, 2023161.	6 dams	18	12,463	3.8	473
Herd Owner, Schwartzhoff, Symonds & German, Spring Grove.	Difference	(3-1-1)	-998	-.4	-79

JERSEY SIRES

AIM PILOT 447230*14	11 daughters	18	9,646	4.9	476
Born, 9-3-42; proved, 7-10-50; dead; Mo.	11 dams	23	8,486	5.3	446
Sire, 404543; dam, 1133802.	Difference	(8-3-8)	+1,160	-.4	+30
Herd Owner, Dewey L. Sikes & Son, Mansfield.					
COME AIM PRINCE 429388	22 daughters	44	6,349	5.5	348
Born, 9-23-41; proved, 7-10-50; ; Oreg.	19 daughters	36	6,400	5.4	346
Sire, 401097; dam, 1285045.	19 dams	44	7,314	5.2	384
Herd Owner, C. E. & Catherine Eastman, Aurora.	Difference	(5-14-5)	-914	+.2	-38
DUKE VIVIAN FAUVIC 480789	9 daughters	10	10,671	4.8	515
Born, 10-5-43; proved, 7-19-50; ; Conn.	8 daughters	9	10,820	4.8	521
Sire, 356579; dam, 1164843.	8 dams	27	9,496	5.1	486
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference	(8-1-7)	+1,324	-.3	+35
EDGELEA BASIL NOBLE 462564	5 daughters	5	7,544	5.3	401
Born, 5-24-44; proved, 7-19-50; ; Mich.	5 dams	11	6,600	5.4	354
Sire, 103449 CJCC; dam, 114876 CJCC.	Difference	(4-2-3)	+944	-.1	+47
Herd Owner, W. A. Hoxie, Concord.					
FAUVIC VOLUNTEER OWL 459250	11 daughters	14	8,515	5.2	445
Born, 9-8-43; proved, 7-7-50; ; Ill.	7 daughters	8	9,446	5.1	484
Sire, 422256; dam, 1184262.	7 dams	18	8,393	5.4	457
Herd Owner, V. I. Winnings, Lovington.	Difference	(5-2-5)	+1,053	-.3	+27
GIL-BAR STANDARD JESTER 432103	10 daughters	16	6,758	5.4	365
Born, 4-6-41; proved, 7-19-50; ; Mich.	8 daughters	14	6,873	5.5	378
Sire, 87358 CJCC; dam, 1291945.	8 dams	20	6,342	5.0	318
Herd Owner, W. A. Hoxie, Concord.	Difference	(6-6-6)	+531	+.5	+60
HIGH STANDARD HEIR 457714	6 daughters	6	7,142	5.8	415
Born, 5-7-44; proved, 7-13-50; ; Vt.	5 daughters	5	7,467	5.8	435
Sire, 408738; dam, 1028503.	5 dams	16	6,859	5.5	377
Herd Owner, Maurice W. Howe, Putney.	Difference	(4-4-4)	+608	+.3	+58
ILLI OBSERVER 426365	6 daughters	12	8,892	4.9	439
Born, 11-10-40; proved, 7-28-50; ; W. Va.	5 daughters	11	8,968	4.8	428
Sire, 378562; dam, 980761.	5 dams	11	6,979	5.1	354
Herd Owner, Greenbrier Military School Dairy, Lewisburg.	Difference	(5-2-4)	+1,989	-.3	+74
JUNE BUDDY SIR FELIX 464200	7 daughters	8	8,387	5.4	455
Born, 11-28-42; proved, 7-10-50; ; Oreg.	6 daughters	7	8,577	5.4	464
Sire, 384221; dam, 1035248.	6 dams	17	7,667	5.5	420
Herd Owner, Robert H. Clark, Aurora.	Difference	(5-3-5)	+910	-.1	+44
PHILIDORA STANDARD DESIGN 447218	13 daughters	20	8,613	5.3	457
Born, 3-12-43; proved, 7-10-50; ; Mo.	7 daughters	11	8,418	5.4	455
Sire, 402238; dam, 1239201.	7 dams	23	7,862	5.4	425
Herd Owner, C. E. Letsinger & Family, Mansfield.	Difference	(3-4-3)	+556	.0	+30
POTOWOMUT MAJESTY 444958	7 daughters	10	8,820	5.2	460
Born, 3-31-43; proved, 7-31-50; ; R. I.	7 dams	25	9,542	5.4	513
Sire, 366907; dam, 1048457.	Difference	(1-2-1)	-722	-.2	-53
Used in New York Co-op. A. B. A., Inc., N. Y.					
SYBIL STOCKWELL AUSSIE 452338	6 daughters	8	8,470	5.3	449
Born, 6-8-43; proved, 7-31-50; ; Wis.	5 daughters	6	8,275	5.3	436
Sire, 368386; dam, 1121147.	5 dams	13	8,849	5.4	479
Used in Tri-State Co-op. A. B. A.	Difference	(2-2-2)	-574	-.1	-43
TAXPAYER NOBLE SULTAN 350852	26 daughters	35	7,669	5.2	399
Born, 12-12-31; proved, 7-31-50; ; Ind.	11 daughters	14	7,933	5.4	429
Sire, 316782; dam, 870815.	11 dams	16	6,478	5.2	339
Herd Owner, Graham Farms, Washington.	Difference	(8-8-8)	+1,455	+.2	+90

AMERICAN DAIRY CATTLE CLUB SIRES

HUFF IDEAL CORNUCOPIA OSBORNDALE 1204
(This sire is also a registered Holstein "Huff Ideal Cornucopia Osborndale 846315." Proved Sire data included in Holstein listing.)

LIBERTY HILL CARNATION ROYAL 952
(This sire is also a registered Holstein "Liberty Hill Carnation Royal 920910." Proved Sire data included in Holstein listing.)

IMPROVEMENT
DAIRY HERD ASSOCIATIONS
TEST THE COWS PROVE THE BULLS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINSTRATION
Bureau of Dairy Industry
Washington, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 26, No. 9

September 1950

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BEST COWS ALWAYS YIELD BEST RETURNS

The best cows are the best insurance for high returns year after year, egardless of conditions and price levels. Each year's analysis of DHIA ecords continues to show that the highest-producing cows are always the ost profitable.

In dairy-herd-improvement associations in 1949, the average butterfat roduction per cow was 359 pounds. On the average, each cow consumed 156 worth of feed and returned $234 over feed cost. But cows that averaged 00 pounds of butterfat consumed $208 worth of feed and returned $473 over eed cost. Association members continue to use the feed and production ecords on their cows, year after year, to improve the production level of eir herds and to increase their returns over feed cost.

The following table shows how the income over feed cost has increased ith each increase in production level, through the years:

Table 1.- Average feed cost and income over feed cost per cow, for dairy-herd-improvement-association cows with different levels of butterfat production, 1932, 1937, 1942, 1946, and 1949

Butter-fat production level	1932		1937		1942		1946		1949	
	Total feed cost	Income over feed cost	Total feed cost	Income over feed cost	Total feed cost	Income over feed cost	Total feed cost	Income over feed cost	Total feed cost	Income over feed cost
Pounds	$	$	$	$	$	$	$	$	$	$
100-----	42	11	45	10	54	15	96	18	115	50
200-----	50	46	58	47	63	57	110	89	131	121
300-----	59	83	75	90	74	104	127	165	153	215
400-----	67	125	97	134	84	151	144	239	173	303
500-----	79	170	120	190	96	197	164	314	193	390
600-----	97	236	142	240	108	251	181	387	208	473

On the following pages are summaries and tabulations based on herd data or 23,459 association herds, and on individual cow-records for 40,175 cows hat completed a full 12-month testing period in 1949, selected at random from ll individual cow-records reported.

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Table 1.--Relation of butterfat production to other factors 1/

Butterfat production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
75 - 124----	55	3,340	3.5	116	165	4.94	67	48	115	50
125 - 174------	663	3,999	3.9	157	199	4.98	62	59	121	78
175 - 224------	2,187	5,041	4.0	203	252	5.00	64	67	131	121
225 - 274------	4,917	6,291	4.0	252	312	4.96	68	75	143	169
275 - 324------	7,820	7,467	4.0	301	368	4.93	69	84	153	215
325 - 374------	8,702	8,646	4.0	349	423	4.89	72	92	164	259
375 - 424------	7,366	9,788	4.1	398	476	4.86	73	100	173	303
425 - 474------	4,543	10,980	4.1	447	529	4.82	75	107	182	347
475 - 524------	2,292	12,141	4.1	497	583	4.80	78	115	193	390
525 - 574------	1,007	13,419	4.1	545	634	4.72	81	121	202	432
575 - 624------	411	14,443	4.1	594	681	4.72	81	127	208	473
625 - 674------	132	15,550	4.1	643	760	4.89	86	141	227	533
675 - 724------	45	16,467	4.2	695	809	4.91	83	143	226	583
725 - 774------	21	16,902	4.4	739	889	5.26	91	150	241	648
775 - 824------	8	20,440	3.9	806	1,090	5.33	82	182	264	826
825 - 874------	5	19,668	4.3	844	1,221	6.21	77	214	291	930
875 - 924-- --	1	14,871	6.0	888	875	5.88	42	210	252	623
Total or average----	40,175	8,739	4.1	354	426	4.87	72	92	164	262

1/ Based on the records of 40,175 DHIA cows, selected at random, that completed a full 12-month testing period in 1949. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 2.--Relation of milk production to other factors 1/

Milk production (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1,500 - 2,499--	1	2,460	4.1	100	114	4.63	61	23	84	30
2,500 - 3,499--	293	3,266	4.8	157	186	5.70	57	57	114	72
3,500 - 4,499--	1,151	4,057	4.8	194	226	5.57	60	63	123	103
4,500 - 5,499--	2,660	5,052	4.7	239	281	5.56	63	70	133	148
5,500 - 6,499--	4,544	6,032	4.7	281	329	5.45	65	77	142	187
6,500 - 7,499--	5,832	7,007	4.5	317	374	5.34	67	84	151	223
7,500 - 8,499--	5,969	7,996	4.3	344	411	5.14	70	90	160	251
8,500 - 9,499--	5,517	8,987	4.1	366	444	4.94	73	94	167	277
9,500 - 10,499-	4,403	9,982	3.9	387	472	4.73	75	99	174	298
10,500 - 11,499	3,421	10,973	3.7	408	497	4.53	76	102	178	319
11,500 - 12,499	2,442	11,966	3.6	433	531	4.44	79	108	187	344
12,500 - 13,499	1,676	12,963	3.6	461	566	4.37	81	114	195	371
13,500 - 14,499	1,074	13,958	3.5	493	603	4.32	81	120	201	402
14,500 - 15,499	564	14,956	3.5	522	631	4.22	84	121	205	426
15,500 - 16,499	321	15,973	3.5	554	668	4.18	85	128	213	455
16,500 - 17,499	173	16,941	3.4	580	710	4.19	90	138	228	482
17,500 - 18,499	74	17,948	3.4	615	728	4.06	85	145	230	498
18,500 - 19,499	30	19,064	3.5	658	847	4.44	105	172	277	570
19,500 - 20,499	15	19,790	3.4	667	775	3.92	83	146	229	546
20,500 - 21,499	7	20,730	3.5	736	974	4.70	84	158	242	732
22,500 - 23,499	4	22,881	3.4	777	1,120	4.89	79	170	249	871
23,500 - 24,499	3	23,953	3.3	801	966	4.03	95	194	289	677
25,500 - 26,499	1	26,470	3.1	816	924	3.49	138	146	284	640
Total or average----	40,175	8,739	4.1	354	426	4.87	72	92	164	262

1/ Based on the records of 40,175 DHIA cows, selected at random, that completed a full 12-months testing period in 1949. The milk records are grouped so the group centers are 1,000 pounds apart.

Table 3.--Relation of butterfat production per cow to other factors 1/

Butterfat production (range)	Cow-years	Herds	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
			Milk	Test	Fat	Value		Roughage	Grain	Total	
Pounds	Number	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
75-124-------	28.08	5	2,637	4.1	109	105	3.98	46	28	74	31
125-174------	23.06	54	3,886	4.0	156	185	4.76	52	45	97	88
175-224------	22.61	441	5,203	4.0	207	236	4.54	58	56	114	122
225-274------	23.04	2,106	6,380	4.0	255	297	4.66	64	68	132	165
275-324------	23.47	5,509	7,530	4.0	302	359	4.77	70	80	150	209
325-374------	22.83	6,982	8,665	4.0	348	413	4.77	75	90	165	248
375-424------	22.47	5,620	9,805	4.0	395	460	4.69	78	98	176	284
425-474------	21.91	2,095	11,118	4.0	445	517	4.65	82	110	192	325
475-524------	20.02	519	12,103	4.1	492	560	4.63	85	118	203	357
525-574------	21.05	102	13,267	4.1	542	640	4.82	97	129	226	414
575-624------	21.46	24	13,794	4.3	596	662	4.80	106	138	244	418
625-674------	30.16	2	13,552	4.7	635	742	5.48	94	166	260	482
Total or average--	22.76	23,459	8,710	4.0	350	411	4.72	74	90	164	247

1/ Based on unweighted herd averages. The butterfat records are grouped so the group centers are 50 pounds apart.

Table 4.--Relation of cost of grain to other factors 1/

Cost of grain (range)	Records	Average production				Price per 100 pounds of milk	Feed cost			Value of product over feed cost
		Milk	Test	Fat	Value		Roughage	Grain	Total	
Dollars	Number	Pounds	Percent	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1-7	31	6,855	3.9	265	305	4.45	75	4	79	226
8-12	58	5,903	4.1	245	243	4.12	62	10	72	171
13-17	83	6,212	4.0	250	254	4.09	61	15	76	178
18-22	156	6,372	4.2	268	260	4.08	59	20	79	181
23-27	246	6,372	4.2	267	262	4.11	61	25	86	176
28-32	410	6,515	4.2	271	265	4.07	64	30	94	171
33-37	632	6,941	4.1	286	290	4.18	63	35	98	192
38-42	943	7,234	4.1	299	301	4.16	65	40	105	196
43-47	1,227	7,438	4.1	305	319	4.29	64	45	109	210
48-52	1,459	7,574	4.1	312	324	4.28	65	50	115	209
53-57	1,674	7,668	4.1	317	336	4.38	66	55	121	215
58-62	1,957	7,934	4.1	325	353	4.45	67	60	127	226
63-67	2,072	8,122	4.1	330	359	4.42	68	65	133	226
68-72	2,242	8,193	4.1	334	372	4.54	69	70	139	233
73-77	2,106	8,385	4.1	340	389	4.64	70	75	145	244
78-82	2,372	8,520	4.1	349	403	4.73	71	80	151	252
83-87	2,294	8,559	4.1	348	411	4.80	71	85	156	255
88-92	2,282	8,755	4.1	357	425	4.85	72	90	162	263
93-97	2,107	8,855	4.1	360	438	4.95	73	95	168	270
98-102	1,986	8,800	4.1	360	449	5.10	73	100	173	276
103-107	1,797	9,014	4.1	366	465	5.16	75	105	180	285
108-112	1,723	8,969	4.1	368	467	5.21	74	110	184	283
113-117	1,427	9,271	4.1	380	487	5.25	75	115	190	297
118-122	1,337	9,550	4.0	386	500	5.24	76	120	196	304
123-127	1,188	9,420	4.0	380	496	5.27	76	125	201	295
128-132	1,009	9,677	4.0	387	517	5.34	77	130	207	310
133-137	827	9,788	4.0	392	521	5.32	78	135	213	308
138-147	700	10,052	4.0	403	538	5.35	79	140	219	319
148-152	677	10,297	3.9	405	545	5.29	80	145	225	320
153-157	512	10,358	3.9	408	553	5.34	79	150	229	324
158-162	411	10,771	3.9	420	570	5.29	80	155	235	335
163-167	379	10,987	3.9	429	585	5.32	80	160	240	345
Over 167	1,851	11,692	3.8	447	631	5.40	78	187	265	366
Total or average	40,175	8,739	4.1	354	426	4.87	72	92	164	262

1/ Based on the records of 40,175 DHIA cows, selected at random, that completed a full 12-month testing period in 1949. The cost of grain records are grouped so the group centers are $5 apart.

DHIA PROVED-SIRE RECORDS TABULATED IN AUGUST 1950

Following is a list of 239 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in August 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 14 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
GOOD ACRES CRAIGMAN 72904	6 daughters	7	9,286	4.1	385
Born, 2-20-43; proved, 8-22-50; alive; Kans.	6 dams	20	9,987	4.0	403
Sire, 35622; dam, 197275.	Difference	(2-5-2)	-701	+.1	-18
Used in Kansas A. B. A.					
LANEWAY SIR KAY 70368*14	23 daughters	35	9,745	4.2	407
Born, 4-18-42; proved; 8-21-50; ; Mass.	22 daughters	34	9,749	4.2	406
Sire, 44210; dam, 149222.	22 dams	94	10,560	4.2	442
Used in New Hampshire A. B. A., N. H.	Difference	(9-11-9)	-811	.0	-36
MASKA MABS DAIRYMAN, IMP. 68188*14	15 daughters	33	9,835	4.1	408
Born, 11-29-40; proved, 8-31-50; dead; Mass.	15 dams	97	10,668	4.0	421
Sire, 65299; dam, 248638.	Difference	(5-12-5)	-833	+.1	-13
Used in Massachusetts A. B. A., Inc.					
NESHAMINY BOUNTY 75572	9 daughters	9	7,373	4.2	310
Born, 9-6-43; proved, 8-31-50; ; Pa.	7 daughters	7	7,629	4.2	323
Sire, 46441; dam, 201835.	7 dams	26	10,139	4.2	431
Used in Southeastern Pa. Co-op. A. B. A.	Difference	(1-5-0)	-2,510	.0	-108
WHITPAIN LAYMAN 62505*12	30 daughters	55	8,608	4.2	362
Born, 10-24-39; proved, 8-21-50; ; Conn.	28 daughters	52	8,467	4.2	355
Sire, 43060; dam, 120416.	28 dams	112	9,856	4.1	408
Used in New Hampshire A. B. A., N. H.	Difference	(8-19-8)	-1,389	+.1	-53

BROWN SWISS SIRES

BEH'S LADY BLOSSOM'S DIXON 66258	5 daughters	8	10,494	4.2	437
Born, 7-20-41; proved, 8-31-50; ; Iowa.	5 dams	8	10,776	4.3	460
Sire, 39619; dam, 66092.	Difference	(1-2-2)	-282	-.1	-23
Herd Owner, Gale Rice, Thornton.					
BESSIE'S BUDDY L. M. B. 63046	5 daughters	5	7,933	3.7	295
Born, 10-15-43; proved, 8-31-50; ; Wis.	5 dams	17	8,510	3.8	327
Sire, 53508; dam, 70440.	Difference	(2-2-2)	-577	-.1	-32
Herd Owner, Aloysuis Beyerl, Colby.					
BLACK MAGIC OF WINGOOD LAKE 63524	10 daughters	12	6,926	4.1	286
Born, 5-1-43; proved, 8-31-50; ; N. Y.	7 daughters	9	6,555	4.2	275
Sire, 41982; dam, 42937.	7 dams	12	8,091	3.8	306
Herd Owner, Irving A. Baldwin & Sons, West Edmeston.	Difference	(1-6-3)	-1,536	+.4	-31
CHARLES INKWYL 49230	7 daughters	8	12,084	4.0	487
Born, 9-8-40; proved, 8-31-50; ; Wis.	7 dams	25	9,975	3.9	393
Sire, 32960; dam, 66270.	Difference	(4-5-6)	+2,109	+.1	+94
Herd Owner, Bruce McCellan, Delavan.					
CORNELL COLUMBUS KING 48925	5 daughters	7	9,799	3.9	385
Born, 5-31-40; proved, 8-21-50; ; N. Y.	5 dams	10	11,254	3.8	432
Sire, 40111; dam, 50200.	Difference	(1-3-1)	-1,455	+.1	-47
Herd Owner, Frank Weaver, Jefferson.					
DOUBLE ROYAL LAD 59699	6 daughters	8	11,080	4.4	486
Born, 4-11-43; proved, 8-31-50; ; Mich.	6 dams	18	10,032	3.9	389
Sire, 46405; dam, 83800.	Difference	(4-6-6)	+1,048	+.5	+97
Used in Northwestern Minnesota A.B.A., Minn.					
EMME'S SHOWBOY OF ARBOR ROSE 42637*13	18 daughters	46	11,744	4.2	488
Born, 3-23-38; proved, 8-16-50; ; Oreg.	18 dams	65	11,108	3.9	431
Sire, 28962; dam, 24828.	Difference	(12-16-13)	+636	+.3	+57
Used in San Pasqual A. B. A., Inc., Calif.					
FRANCIS OF BUTTERCUP 57985	8 daughters	9	10,627	4.1	433
Born, 3-15-42; proved, 8-31-50; ; Wis.	8 dams	34	10,076	4.0	408
Sire, 32952; dam, 82281.	Difference	(5-7-4)	+551	+.1	+25
Herd Owner, George Henning, Burlington.					

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ILLINGDALE GRAND NIAGARA BOY 62078-----5 daughters		5	10,787	4.2	449
Born, 10-27-43; proved, 8-31-50; ; Ind.	5 dams----	22	10,164	4.0	407
Sire, 50000; dam, 102144.	Difference-	(3-3-3)	+623	+.2	+42
Herd Owner, William F. Klaehn, Ft. Wayne.					
J. B. R.'S SOLOMON'S NANCY'S ED 55907---- 9 daughters		10	11,538	3.9	444
Born, 9-21-42; proved, 8-30-50; ; Ind.	7 daughters	8	12,182	3.8	468
Sire, 39329; dam, 80513.	7 dams----	32	13,041	3.9	507
Herd Owner, Mayfair Brown Swiss Farm, Parker.	Difference-	(3-4-4)	-859	-.1	-39
JOY BELL'S MACARTHUR OF PAWNEE 60791--5 daughters		6	8,685	4.0	350
Born, 11-2-42; proved, 8-31-50; ; Kans.	5 dams----	17	10,701	4.0	424
Sire, 46388; dam, 94895.	Difference-	(1-2-1)	-2,016	.0	-74
Herd Owner, Dewey Schultz, Pawnee Rock.					
LENWORB'S LAMONT CRANSTON 44830-------6 daughters		16	10,211	3.8	390
Born, 3-4-39; proved, 8-31-50; ; N. Y.	5 daughters	11	10,742	3.8	413
Sire, 34884; dam, 25640.	5 dams----	21	9,837	4.0	399
Herd Owner, Whelden Bros., Greenwich.	Difference-	(3-1-2)	+905	-.2	+14
MEMPHIS MAN OF GLENDALE 54917--------- 7 daughters		8	7,853	4.2	334
Born, 10-13-41; proved, 8-30-50; ; Mich.	7 dams----	24	8,860	4.0	350
Sire, 42518; dam, 38703.	Difference-	(2-5-4)	-1,007	+.2	-16
Herd Owner, R. C. Merchant & Son, Saline.					
OAKLAND ROSALIE'S ROYAL BOY 57078------ 7 daughters		9	9,188	4.2	390
Born, 9-21-42; proved, 8-14-50; dead ; Ill.	7 dams----	22	11,218	3.9	442
Sire, 41109; dam, 93545.	Difference-	(1-7-2)	-2,030	+.3	-52
Herd Owner, Louis Sauder, Pekin.					
P. K. C. B. JERRY 57072----------7 daughters		7	11,594	4.0	462
Born, 9-10-42; proved, 8-31-50; ; Iowa.	6 daughters	6	11,769	4.0	466
Sire, 50599; dam, 61945.	6 dams----	20	12,245	4.1	500
Herd Owner, William H. Stine, Dallas Center.	Difference-	(2-2-2)	-476	-.1	-34
PRIVET'S SOLDIER BOY 57064---------- 5 daughters		6	9,100	3.8	346
Born, 7-6-42; proved, 8-30-50; ; Mass.	5 dams----	24	9,900	3.8	379
Sire, 33535; dam, 70633.	Difference-	(1-3-2)	-800	.0	-33
Herd Owner, Elroot Farm, Inc., Uxbridge.					
RAINBOW WONDER 66318---------- 5 daughters		5	12,162	4.2	509
Born, 7-10-44; proved, 8-31-50; ; Ill.	5 dams----	14	9,983	4.4	437
Sire, 58249; dam, 66209.	Difference-	(4-1-4)	+2,179	-.2	+72
Used in Northern Illinois Co-op. A. B. A.					
ROYAL MAN OF GLENDALE 54916----------6 daughters		10	11,279	3.9	441
Born, 10-10-41; proved, 8-31-50; ; Ohio.	5 daughters	8	11,681	3.9	452
Sire, 42518; dam, 84310.	5 dams----	8	10,016	3.8	385
Herd Owner, Donald Bradley, Mechanicsburg.	Difference-	(4-3-4)	+1,665	+.1	+67
ROYAL V. B. 14TH 56330---------- 12 daughters		19	10,568	3.8	399
Born, 12-18-41; proved, 8-31-50; ; Ill.	11 daughters	17	10,345	3.8	392
Sire, 47090; dam, 76027.	11 dams----	32	8,736	3.9	343
Herd Owner, Rex Rahn, Lanark.	Difference--	(9-3-8)	+1,609	-.1	+49
SWISS TOWN DAN 48171---------- 7 daughters		13	8,437	3.9	327
Born, 3-3-40; proved, 8-22-50; ; Wis.	5 daughters	10	7,862	4.0	312
Sire, 40690; dam, 38864.	5 dams----	20	8,890	4.2	373
Herd Owner, Ray Loveland, Elkhorn.	Difference-	(1-1-1)	-1,028	-.2	-61
TAURUS' COLUMBO OF CITY VIEW 62265-----7 daughters		8	10,520	4.4	467
Born, 4-26-43; proved, 8-31-50; ; Ill.	6 daughters	7	11,288	4.5	503
Sire, 49268; dam, 94408.	6 dams----	14	11,874	3.7	441
Herd Owner, Mell & Edward Powell, Annawan.	Difference-	(3-6-5)	-586	+.8	+62
VAN GORDEN'S BILLY BOY D. D. 57554------ 5 daughters		10	8,117	4.2	339
Born, 10-2-42; proved, 8-31-50; ; Wis.	5 dams----	12	8,953	3.9	350
Sire, 36887; dam, 90417.	Difference-	(2-4-3)	-836	+.3	-11
Herd Owner, Gearing Brothers, Alma Center.					
V. B. ROYAL VOGEL 12TH 65282---------- 6 daughters		7	9,567	4.3	410
Born, 12-11-43; proved, 8-31-50; ; Mich.	6 dams----	23	10,221	4.2	429
Sire, 50600; dam, 49845.	Difference-	(2-4-2)	-654	+.1	-19
Herd Owner, Herman Liniger, Clio.					
WALHALLA SILVERBAR PRINCE 47968------- 7 daughters		10	11,205	4.2	468
Born, 9-20-40; proved, 8-31-50; ; Ariz.	7 dams----	10	11,266	3.9	444
Sire, 35293; dam, 74250.	Difference-	(3-6-4)	-61	+.3	+24
Herd Owner, Giflan Farms, Elfrida.					
WONDER SIGNAL J. B. 52388---------- 18 daughters		22	11,124	3.9	435
Born, 7-31-41; proved, 8-31-50; ; Oreg.	8 daughters-	10	10,792	3.9	422
Sire, 41664; dam, 78479.	8 dams-----	15	9,915	3.8	379
Herd Owner, Christ Schlunegger, Portland.	Difference--	(4-5-7)	+877	+.1	+43

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ADCHR ELDOR NOBLEMAN 282053*14--------	22 daughters	42	8,175	5.3	432
Born, 1-1-40; proved, 8-31-50; ; Calif.	22 dams----	93	8,286	5.0	416
Sire, 217325; dam, 432082.	Difference--	(11-17-12)	-111	+.3	+16
Used in Sonoma-Marin Co-op. A. B. A., Inc.					
ASHLAND'S HOPE TAXPAYER 270477---------	8 daughters	10	10,007	4.5	453
Born, 10-28-38; proved, 8-11-50; ; Va.	5 daughters	7	10,396	4.5	468
Sire, 145444; dam, 385693.	5 dams----	11	7,761	4.8	372
Herd Owner, William J. Smith & Sons, Culpeper.	Difference-	(5-3-5)	+2,635	-.3	+96
BEAUREGARD'S BUTTER BEAUTY 275309-----	6 daughters	6	7,760	4.5	350
Born, 12-11-38; proved, 8-14-50; ; Va.	5 daughters	5	7,431	4.7	347
Sire, 237390; dam, 469076.	5 dams----	17	7,362	4.9	360
Herd Owner, Mt. Vernon Stock Farm, Sperryville.	Difference-	(3-3-2)	+69	-.2	-13
BEECHWOOD RULER 228902*10----------	40 daughters	83	8,031	5.0	401
Born, 6-9-35; proved, 8-31-50; ; Md.	20 daughters	50	8,055	4.9	397
Sire, 130281; dam, 292184.	20 dams----	59	7,595	4.7	360
Used in Southeastern A. B. A., N. C.	Difference--	(12-12-15)	+460	+.2	+37
BLAKEFORD COMMANDER 305336----------	7 daughters	11	6,237	5.4	339
Born, 7-29-41; proved, 8-31-50; ; Minn.	6 daughters	9	6,043	5.3	320
Sire, 246817; dam, 349027.	6 dams----	13	7,226	5.0	363
Used in University of Wisconsin, Wis. (A. B. A.)	Difference-	(1-5-2)	-1,183	+.3	-43
BLAKEFORD LEADER LAD 287057----------	9 daughters	17	7,726	4.9	380
Born, 4-26-40; proved, 8-30-50; ; Wis.	6 daughters	12	7,346	4.8	350
Sire, 206846; dam, 548358.	6 dams----	15	8,123	4.8	389
Used in University of Wisconsin (A. B. A.).	Difference-	(2-3-2)	-777	.0	-39
BLAKEFORD PLEBE 303093----------	7 daughters	7	8,772	4.8	425
Born, 3-31-41; proved, 8-23-50; ; Wis.	6 daughters	6	8,857	4.9	435
Sire, 246817; dam, 578109.	6 dams----	20	7,589	5.1	390
Used in University of Wisconsin (A. B. A.).	Difference-	(4-2-4)	+1,268	-.2	+45
BOULDER BRIDGE ARISTOCRAT 268917--------	7 daughters	14	5,530	4.9	273
Born, 9-15-38; proved, 8-21-50; ; Iowa.	5 daughters	10	4,980	5.0	251
Sire, 216336; dam, 516967.	5 dams----	13	6,801	4.9	334
Herd Owner, S. R. Woodruff & Son, Indianola.	Difference-	(1-2-1)	-1,821	+.1	-83
BOULDER BRIDGE CONFIDENCE 320701*13---	19 daughters	32	8,631	4.9	423
Born, 4-6-42; proved, 8-7-50; ; Iowa.	13 daughters	23	8,758	5.0	438
Sire, 259502; dam, 521921.	13 dams----	33	7,469	5.1	383
Herd Owner, Marvin L. Mahr, Indianola.	Difference--	(10-8-11)	+1,289	-.1	+55
CESCR MAXIM'S MAJOR 271001----------	6 daughters	16	7,352	5.1	376
Born, 7-11-38; proved, 8-11-50; ; Wis.	5 daughters	13	7,299	5.1	372
Sire, 232112; dam, 539539.	5 dams----	22	7,065	4.9	348
Herd Owner, John E. Johnson, Brandon.	Difference-	(3-3-3)	+234	+.2	+24
CLEAR SPRINGS' LUCKY KING 313447--------	14 daughters	14	8,892	4.8	428
Born, 12-26-41; proved, 8-31-50; ; Va.	12 daughters	12	8,818	4.9	428
Sire, 215828; dam, 547369.	12 dams----	32	8,837	4.9	430
Herd Owner, T. L. Whitehead, Nassawadox.	Difference--	(6-5-6)	-19	.0	-2
CLERMONT MOONBEAM 322028*14----------	19 daughters	34	7,797	5.3	413
Born, 11-22-41; proved, 8-30-50; ; Iowa.	18 daughters	32	7,853	5.3	417
Sire, 284597; dam, 699988.	18 dams----	45	6,863	5.1	349
Used in Dairy Genetics Co., Inc. (A.B.A.).	Difference--	(12-13-13)	+990	+.2	+68
COKER ZADA SILVER 233113----------	6 daughters	7	8,738	5.2	455
Born, 10-30-35; proved, 8-30-50; ; Wis.	6 dams----	13	7,495	4.9	369
Sire, 156994; dam, 131920.	Difference-	(5-4-5)	+1,243	+.3	+86
Used in Badger Co-op. A. B. A.					
CORONATION AMBER 262919*12----------	22 daughters	37	8,051	4.8	385
Born, 2-10-38; proved, 8-30-50; dead; Vt.	19 daughters	33	7,953	4.8	381
Sire, 241114; dam, 398727.	19 dams----	54	7,628	4.7	358
Used in Massachusetts A. B. A., Inc., Mass.	Difference--	(10-11-9)	+325	+.1	+23
CORONATION CONCENTRATE 257582*13------	17 daughters	53	8,094	4.9	397
Born, 9-14-37; proved, 8-31-50; ; Ill.	14 daughters	48	8,172	4.9	397
Sire, 238549; dam, 217437.	14 dams----	45	8,683	5.1	444
Used in Minn. Valley & Southern Minn. A. B. A's, Minn.	Difference--	(5-2-5)	-511	-.2	-47
DAMIAN SIMPLEX 315652----------	12 daughters	13	6,420	4.4	283
Born, 6-26-41; proved, 8-31-50; ; N. Y.	6 daughters-	7	5,832	4.6	268
Sire, 249680; dam, 594665.	6 dams-----	8	5,844	4.8	279
Herd Owner, Bay Brothers, Rushville.	Difference--	(4-3-4)	-12	-.2	-11
DISCOVERY OF WARE 237490----------	14 daughters	30	6,460	4.8	312
Born, 5-6-35; proved, 8-23-50; ; Mass.	9 daughters-	18	5,800	4.8	281
Sire, 141685; dam, 266902.	9 dams-----	21	8,677	4.6	401
Herd Owner, A. G. & Chester E. Goodfield, Hardwick.	Difference--	(2-7-2)	-2,877	+.2	-120

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ETH-MEAD GENTLEMAN 305687	9 daughters	10	7,754	4.6	360
Born, 9-25-40; proved, 8-30-50; ; Wis.	6 daughters	6	7,601	4.6	348
Sire, 272047; dam, 523657.	6 dams	9	7,320	5.0	364
Used in Badger Co-op. A. B. A.	Difference	(3-1-3)	+281	-.4	-16
FAIRLAWN MAXIM'S GALLANT 314006	8 daughters	11	9,195	4.9	448
Born, 1-31-42; proved, 8-31-50; ; N. J.	5 daughters	6	8,851	4.9	436
Sire, 247877; dam, 593637.	5 dams	16	8,638	4.7	409
Herd Owner, Simpkin Brothers, Yardville.	Difference	(3-4-3)	+213	+.2	+27
FLYING HORSE FOOTPRINT 258675	19 daughters	29	7,973	4.8	385
Born, 3-11-38; proved, 8-21-50; alive ; Ky.	5 daughters	6	8,654	4.8	418
Sire, 232614; dam, 442406.	5 dams	6	9,583	4.7	450
Herd Owner, Lansdowne Farm, Prospect.	Difference	(2-3-2)	-929	+.1	-32
FOREMOST ROYAL EXCHANGE 299618	7 daughters	12	7,717	4.8	372
Born, 9-26-40; proved, 8-31-50; ; Wis.	5 daughters	10	7,320	4.7	347
Sire, 260092; dam, 441712.	5 dams	16	7,861	4.7	372
Used in Badger Co-op. A. B. A.	Difference	(2-3-1)	-541	.0	-25
FRIENDSHIP CLIMAX NOBLEMAN 278267	15 daughters	18	6,422	4.6	293
Born, 4-8-39; proved, 8-31-50; ; Pa.	10 daughters	10	6,763	4.5	304
Sire, 146507; dam, 373578.	10 dams	33	7,645	4.8	367
Used in Western Pennsylvania Co-op. A.B.A.	Difference	(3-3-3)	-882	-.3	-63
FRIENDSHIP RENOWN BANDIT 318733	18 daughters	28	6,997	4.7	331
Born, 2-13-42; proved, 8-30-50; ; Pa.	13 daughters	20	7,132	4.8	339
Sire, 284533; dam, 581023.	13 dams	21	7,834	4.7	371
Herd Owner, Welbec Farms, Wyalusing.	Difference	(4-5-4)	-702	+.1	-32
GLENBURNIE GOLDEN SPURS 260527	8 daughters	16	9,189	4.9	448
Born, 2-13-38; proved, 8-11-50; ; N. J.	5 daughters	8	9,785	4.9	477
Sire, 229093; dam, 445125.	5 dams	15	7,815	4.7	367
Herd Owner, Mark M. Jones, Princeton.	Difference	(4-4-5)	+1,970	+.2	+110
GRANDVU CAVALIER 267607	8 daughters	8	6,984	4.5	317
Born, 7-27-37; proved, 8-21-50; ; Wis.	6 daughters	6	6,724	4.5	301
Sire, 210812; dam, 359597.	6 dams	22	5,997	4.5	268
Herd Owner, Arthur Clark, Rudolph.	Difference	(5-3-5)	+727	.0	+33
GRASSLAND'S TREMPEALEAU DODGE 340667	18 daughters	21	8,049	4.5	361
Born, 1-24-43; proved, 8-31-50; ; Wis.	17 daughters	20	8,044	4.5	361
Sire, 213585; dam, 532471.	17 dams	59	7,736	4.9	376
Used in Tri-State Co-op. A. B. A.	Difference	(9-3-5)	+308	-.4	-15
JEAN GORDON'S MAXIM 262662	10 daughters	13	7,758	5.0	388
Born, 4-13-38; proved, 8-21-50; ; Wis.	5 daughters	5	8,104	4.8	388
Sire, 232112; dam, 502000.	5 dams	9	7,668	4.6	355
Herd Owner, Richard Davis, Wilmot.	Difference	(4-3-4)	+436	+.2	+33
KATHY'S PATRIOT 276114	9 daughters	9	7,856	5.0	391
Born, 3-16-38; proved, 8-16-50; ; Conn.	7 daughters	7	7,821	4.9	387
Sire, 238550; dam, 401190.	7 dams	13	8,462	4.4	375
Herd Owner, Falcon's Flight Farm, Litchfield.	Difference	(4-7-4)	-641	+.5	+12
KLONDIKE KARAT 311407	10 daughters	10	9,236	4.7	433
Born, 9-30-41; proved, 8-31-50; ; N. C.	6 daughters	6	9,155	4.7	426
Sire, 193529; dam, 309898.	6 dams	6	8,337	4.5	378
Used in Southeastern A. B. A.	Difference	(3-4-5)	+818	+.2	+48
LOCKSHORE SALUTE 269212	13 daughters	25	7,427	5.0	370
Born, 5-31-38; proved, 8-21-50; ; Mich.	6 daughters	13	7,014	5.1	355
Sire, 212052; dam, 212662.	6 dams	13	8,135	4.4	354
Herd Owner, Roscoe Cary & Son, Alma.	Difference	(2-6-2)	-1,121	+.7	+1
LUXERIN WATCHFUL 307191*14	30 daughters	52	8,207	4.9	405
Born, 5-10-41; proved, 8-31-50; ; Mich.	24 daughters	43	8,345	4.9	412
Sire, 209211; dam, 489129.	24 dams	70	7,403	4.8	356
Used in Michigan Co-op. A. B. A., Inc.	Difference	(19-14-20)	+942	+.1	+56
LYNBROOK APPLE JACK 299165*14	12 daughters	17	8,889	5.1	454
Born, 10-11-40; proved, 8-30-50; ; Conn.	10 daughters	15	8,895	5.1	451
Sire, 284429; dam, 564429.	10 dams	31	7,847	4.8	375
Used in Massachusetts A. B. A., Inc., Mass.	Difference	(7-7-8)	+1,048	+.3	+76
MARMION'S LAST 313826	8 daughters	18	7,628	5.2	394
Born, 11-7-41; proved, 8-31-50; ; Md.	6 daughters	13	7,724	5.3	411
Sire, 150519; dam, 264582.	6 dams	14	6,706	5.5	372
Herd Owner, Maynard Hawker, Middletown.	Difference	(4-4-3)	+1,018	-.2	+39
MARSHALL GLORY 276585	5 daughters	9	7,487	4.7	351
Born, 7-7-39; proved, 8-21-50; dead ; Va.	5 dams	14	6,627	4.4	292
Sire, 230116; dam, 485676.	Difference	(4-5-4)	+860	+.3	+59
Herd Owner, T. G. Pratt, Martinsville.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
MCDONALD FARMS HAMON 318616----------	15 daughters	19	7,979	4.9	394
Born, 5-8-42; proved, 8-31-50; ; Ohio.	8 daughters-	10	8,089	5.0	401
Sire, 233983; dam, 596311.	8 dams-----	19	7,936	5.0	397
Herd Owner, Elvin Spitler & Dale L. Miller, Lewisburg.	Difference--	(5-3-5)	+153	.0	+4
MCDONALD FARMS HANLEY 342716----------	15 daughters	26	8,923	4.3	388
Born, 9-24-42; proved, 8-31-50; ; Wis.	12 daughters	18	8,776	4.4	382
Sire, 233983; dam, 628377.	12 dams----	59	7,660	4.7	357
Used in Badger Co-op. A. B. A.	Difference--	(8-2-7)	+1,116	-.3	+25
MCDONALD F. GLENMARY PREDICTION 354147----------	7 daughters	9	8,282	5.2	432
Born, 12-18-43; proved, 8-31-50; ; Wis.	5 daughters	6	8,887	5.1	453
Sire, 267458; dam, 672118.	5 dams----	10	6,647	5.1	342
Used in Tri-State Co-op. A. B. A.	Difference-	(5-3-4)	+2,240	.0	+111
MIDVIEW'S COLONEL MEMPHIS 313404--------	7 daughters	13	6,715	5.2	348
Born, 10-10-41; proved, 8-31-50; ; Va.	6 daughters	11	6,793	5.2	356
Sire, 232106; dam, 485041.	6 dams----	19	5,553	5.1	281
Herd Owner, E. F. Barnhart, Boones Mill.	Difference-	(5-6-6)	+1,240	+.1	+75
PRINCE OF FOREST SPRINGS 275428----------	6 daughters	7	5,604	5.0	278
Born, 1-16-39; proved, 8-14-50; ; Wash.	6 dams----	13	6,517	5.4	353
Sire, 122321; dam, 253312.	Difference-	(2-2-2)	-913	-.4	-75
Herd Owner, William Gifford, Yelm.					
PYRAMID ACRES CASANOVA 313423----------	5 daughters	7	8,020	4.6	369
Born, 12-17-39; proved, 8-31-50; ; Minn.	5 dams----	14	7,198	4.4	316
Sire, 254754; dam, 507939.	Difference-	(3-5-3)	+822	+.2	+53
Herd Owner, James Baird, Winsted.					
QUAIL ROOST KING BELL BUOY 304883*12----	7 daughters	18	8,595	5.2	447
Born, 5-4-41; proved, 8-31-50; ; Md.	7 dams----	42	9,484	5.1	479
Sire, 215828; dam, 403642.	Difference-	(2-4-2)	-889	+.1	-32
Used in Southeastern A. B. A., N. C.					
RIVEREDGE ALERT'S PILOT 324257----------	12 daughters	16	7,647	4.9	372
Born, 5-31-42; proved, 8-31-50; ; Pa.	5 daughters-	6	8,274	4.7	386
Sire, 236364; dam, 295960.	5 dams-----	22	6,720	4.8	321
Used in Southeastern Pa. Co-op. A. B. A.	Difference--	(5-2-5)	+1,554	-.1	+65
ROCK CREEK VICTOR 313988----------	5 daughters	5	8,088	5.3	425
Born, 5-20-41; proved, 8-31-50; ; Ill.	5 dams----	8	9,358	5.1	478
Sire, 175063; dam, 421318.	Difference-	(1-3-2)	-1,270	+.2	-53
Herd Owner, Fred Montavon, West Brooklyn.					
ROSEWALD IL DUCE CAESAR 266583*13------	24 daughters	58	8,422	4.8	402
Born, 6-2-38; proved, 8-31-50; ; Vt.	17 daughters	37	8,401	4.9	408
Sire, 199242; dam, 464568.	17 dams----	47	7,964	4.8	380
Used in Massachusetts A.B.A., Inc., Mass.	Difference--	(10-12-11)	+437	+.1	+28
SAN CARLOS BELL'S BILL 330035----------	12 daughters	14	9,805	4.7	457
Born, 2-10-43; proved, 8-7-50; ; Calif.	9 daughters-	9	9,831	4.6	453
Sire, 256081; dam, 534209.	9 dams-----	35	10,069	4.5	457
Herd Owner, Joe S. Borrecco, Fresno.	Difference--	(4-5-6)	-238	+.1	-4
SENRAB'S PRINCE'S MONARCH 354073---------	7 daughters	7	10,426	5.0	524
Born, 2-14-44; proved, 8-31-50; ; Wis.	5 daughters	5	10,928	5.1	562
Sire, 282730; dam, 682021.	5 dams----	17	8,075	5.0	400
Used in Northwestern Minnesota A.B.A., Minn.	Difference-	(5-3-5)	+2,853	+.1	+162
SHORELAND LEVITY PRINCE 237865---------	5 daughters	5	7,963	4.6	363
Born, 8-18-35; proved, 8-30-50; ; Wis.	5 dams----	10	7,016	4.9	346
Sire, 171949; dam, 339937.	Difference-	(4-1-3)	+947	-.3	+17
Used in East Central Co-op. A. B. A.					
TARBELL FARMS PEERLESS EMPEROR 323665*14----------	18 daughters	28	9,775	4.8	467
Born, 1-14-42; proved, 8-31-50; ; N. Y.	12 daughters	18	10,159	4.7	479
Sire, 214202; dam, 418743.	12 dams----	38	8,846	4.4	390
Used in Indiana A. B. A., Ind.	Difference--	(10-10-10)	+1,313	+.3	+89
WAKEFIELD MAJESTY'S WARRIOR 325499-----7 daughters		8	8,560	5.1	435
Born, 7-27-42; proved, 8-31-50; ; N. C.	5 daughters	5	9,148	5.0	456
Sire, 201459; dam, 343932.	5 dams----	7	9,046	4.8	432
Used in Southeastern A. B. A.	Difference-	(3-3-3)	+102	+.2	+24

HOLSTEIN SIRES

ABEGWEIT PLUTO 14TH 650856*12----------	37 daughters	75	10,714	3.5	374
Born, 8-30-31; proved, 8-22-50; dead; Vt.	34 daughters	69	10,792	3.5	375
Sire, 591372; dam, 1331097.	34 dams----	120	10,218	3.6	366
Herd Owner, Arthur Miller, Vernon.	Difference--	(20-17-16)	+574	-.1	+9

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ADMIRAL BURKE HOMESTEAD 796258*14-----	28 daughters	57	13,380	3.6	475
Born, 11-30-39; proved, 8-31-50; ; Minn.	22 daughters	49	13,789	3.5	487
Sire, 661323; dam, 1509971.	22 dams----	102	11,899	3.4	409
Used in Minn. Valley & Southern Minn. A. B. A's.	Difference--	(16-16-17)	+1,890	+.1	+78
ALEXANDER WAYNE REED 867643*13--------	16 daughters	26	11,506	3.7	420
Born, 12-13-41; proved, 8-16-50; alive ; N. Y.	12 daughters	20	11,523	3.7	423
Sire, 743032; dam, 2056597.	12 dams----	27	11,722	3.7	430
Used in Massachusetts A. B. A., Inc., Mass.	Difference--	(7-8-5)	-199	.0	-7
ANKER FOBES ADMIRAL 826750*14----------	24 daughters	45	13,482	3.7	497
Born, 3-17-41; proved, 8-30-50; ; Wis.	13 daughters	27	13,817	3.7	508
Sire, 792552; dam, 2041864.	13 dams----	26	11,794	3.4	405
Used in Southeastern A. B. A., N. C.	Difference--	(10-11-10)	+2,023	+.3	+103
BALLARD FARM THE GREAT 879612*14------	18 daughters	34	11,780	3.7	431
Born, 12-15-42; proved, 8-16-50; dead; W. Va.	18 dams----	78	10,317	3.6	367
Sire, 783750; dam, 1832116.	Difference--	(12-13-13)	+1,463	+.1	+64
Used in West Virginia Co-op. A. B. A.					
BARTA ORMSBY FOBES 850298*14----------	16 daughters	29	15,027	3.6	535
Born, 4-28-42; proved, 8-31-50; ; Minn.	14 daughters	26	15,034	3.6	536
Sire, 797960; dam, 1490929.	14 dams----	52	14,734	3.3	485
Used in Northwestern Minnesota A. B. A.	Difference--	(7-14-10)	+300	+.3	+51
BELLE CREST ADMIRAL DAD 864280---------	10 daughters	20	11,887	3.7	440
Born, 9-11-42; proved, 8-31-50; ; Pa.	8 daughters-	16	11,934	3.7	436
Sire, 671272; dam, 1994663.	8 dams-----	35	11,808	3.5	414
Herd Owner, Eli Wismer, Perkasie.	Difference--	(5-5-5)	+126	+.2	+22
BELL FARM BURKE SIR PIEBE 781607*12-----	26 daughters	47	12,326	3.8	466
Born, 12-27-38; proved, 8-29-50; ; Pa.	24 daughters	45	12,282	3.8	469
Sire, 693749; dam, 1590242.	24 dams----	96	12,206	3.7	451
Used in First Pennsylvania Co-op. A. B. A.	Difference--	(12-18-12)	+76	+.1	+18
BESSLYN SKYLARK ORMSBY FOBES 790366*14----------	25 daughters	42	10,227	3 9	399
Born, 12-22-39; proved, 8-30-50; ; Wis.	23 daughters	39	10,019	3.9	392
Sire, 711381; dam, 1815765.	23 dams----	44	10,268	3.5	359
Used in Eastern Iowa A. B. A., Inc., Iowa.	Difference--	(9-21-12)	-249	+.4	+33
CADET HENGERVELD VICKERY 879895-------	8 daughters	10	10,639	3.5	372
Born, 9-11-42; proved, 8-14-50; dead ; Ohio.	6 daughters	8	10,362	3.4	354
Sire, 785816; dam, 1818835.	6 dams----	10	8,909	3.7	332
Herd Owner, Lawrence McCullough, Mingo Junction.	Difference-	(5-2-5)	+1,453	-.3	+22
CARNATION DOMINATOR 858418*13----------	19 daughters	24	13,175	3.6	475
Born, 5-6-42; proved, 8-23-50; alive ; N. Y.	18 daughters	22	13,234	3.6	476
Sire, 629472; dam, 1742897.	18 dams----	61	12,255	3.3	410
Used in New York Co-op. A. B. A., Inc.	Difference--	(13-17-16)	+979	+.3	+66
CARNATION HOMESTEAD MCKINLEY 873324*14 ----------	26 daughters	38	14,887	3.5	523
Born, 1-11-43; proved, 8-16-50; alive ; Iowa.	26 dams----	97	15,023	3.5	530
Sire, 629472; dam, 1331665.	Difference--	(13-16-12)	-136	.0	-7
Used in Land O'Lakes Creameries, Inc., Minn. (A. B. A.)					
CARNATION IMPERIAL PIEBE 878260---------	15 daughters	18	12,715	3.6	453
Born, 3-17-43; proved, 8-11-50; alive ; Mo.	14 daughters	17	12,583	3.5	446
Sire, 698462; dam, 1554595.	14 dams----	51	12,240	3.4	417
Herd Owner, Church Farm Dairy, Jefferson City.	Difference--	(7-14-10)	+343	+.1	+29
CARNATION IMPERIAL SENATOR 878259------	21 daughters	23	14,211	3.7	529
Born, 3-16-43; proved, 8-31-50; ; Wis.	13 daughters	15	14,270	3.7	528
Sire, 698462; dam, 1341341.	13 dams----	30	13,082	3.6	472
Herd Owner, A. C. Costerhins, Oconomowoc.	Difference--	(8-8-9)	+1,188	+.1	+56
CARNATION IMPERIAL TYPESETTER 873310--	8 daughters	10	12,983	3.7	476
Born, 12-7-42; proved, 8-31-50; ; Mich.	8 dams----	24	11,932	3.5	423
Sire, 698462; dam, 1871442.	Difference--	(5-3-5)	+1,051	+.2	+53
Herd Owner, Aitken Farm, Flint.					
CARNATION PROGRESSOR 863796----------	14 daughters	19	14,952	3.9	578
Born, 11-7-42; proved, 8-14-50; dead ; Calif.	11 daughters	16	14,524	3.9	568
Sire, 629472; dam, 2138546.	11 dams----	44	13,839	3.6	497
Herd Owner, E. M. Cate, Tulare.	Difference--	(5-10-10)	+685	+.3	+71
CHERRYBOLD ADMIRAL DOUGLASS 892129----	10 daughters	11	12,394	3.4	421
Born, 8-24-43; proved, 8-23-50; ; Wis.	9 daughters-	10	12,462	3.4	428
Sire, 676723; dam, 1906903.	9 dams-----	24	13,250	3.4	457
Used in Badger Co-op. A. B. A.	Difference--	(3-4-2)	-788	.0	-29
CLOVER LAWN INKA SIR APEX 884246--------	8 daughters	12	10,617	3.3	346
Born, 2-9-43; proved, 8-31-50; ; Wis.	6 daughters	9	10,464	3.3	346
Sire, 755247; dam, 2118428.	6 dams----	20	9,185	3.7	337
Herd Owner, Fred Dobberpuhl, Cedarburg.	Difference-	(5-2-3)	+1,279	-.4	+9

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
CLYDE HILL BESS HENGERVELD PEARL 832427*14	10 daughters	14	14,018	3.6	499
Born, 9-24-41; proved, 8-31-50; ; Iowa.	10 dams----	24	12,729	3.5	445
Sire, 664525; dam, 1744683.	Difference--	(8-4-7)	+1,289	+.1	+54
Used in Midwest A. B. A., Mo.					
COLLINS FARM COUNT BESS BURKE 879893	12 daughters	15	10,493	3.6	378
Born, 3-27-43; proved, 8-14-50; dead ; Nebr.	7 daughters-	8	10,000	3.7	367
Sire, 758498; dam, 1806820.	7 dams-----	11	12,425	3.5	434
Herd Owner, John A. Henley, Falls City.	Difference--	(1-6-1)	-2,425	+.2	-67
COLONY FLOOD COLANTHUS 885152	6 daughters	9	13,177	3.4	444
Born, 8-25-42; proved, 8-31-50; ; Ariz.	5 daughters	8	13,391	3.5	466
Sire, 90161 CHB; dam, 301183 CHB.	5 dams----	25	12,556	3.3	417
Herd Owner, Mrs. E. Homrighausen, Phoenix.	Difference-	(3-4-3)	+835	+.2	+49
COLONY VROUKA SIR HENGERVELD 11TH 839126	12 daughters	15	13,101	3.4	444
Born, 9-14-40; proved, 8-23-50; dead ; Minn.	7 daughters-	9	12,418	3.5	430
Sire, 120719 CHB; dam, 342114 CHB.	7 dams-----	26	11,791	3.4	406
Used in Minn. Valley & Southern Minn. A. B. A's	Difference--	(3-6-4)	+627	+.1	+24
CORNELL SUPREME TEMPEST 862478	9 daughters	10	14,336	3.5	507
Born, 7-18-42; proved, 8-31-50; ; Wis.	9 dams----	45	15,354	3.5	533
Sire, 819169; dam, 2103438.	Difference-	(4-5-4)	-1,018	.0	-26
Herd Owner, Harvey A. Nelson & Sons, Union Grove.					
COUNT VICTOR POSCH 875683	7 daughters	7	9,331	3.7	343
Born, 9-13-42; proved, 8-14-50; ; N. Y.	6 daughters	6	8,943	3.7	331
Sire, 763813; dam, 2168126.	6 dams----	18	10,482	3.4	357
Herd Owner, Bernard L. Rodee, Canton.	Difference-	(0-6-2)	-1,539	+.3	-26
CRESTLYN JOHANNA ORMSBY PRINCE 814676*14	35 daughters	46	12,221	3.6	435
Born, 11-8-40; proved, 8-29-50; ; Mich.	22 daughters	32	11,854	3.6	428
Sire, 760242; dam, 1342247.	22 dams----	47	11,613	3.6	423
Used in Michigan Co-op. A. B. A., Inc.	Difference--	(11-11-12)	+241	.0	+5
CYLON KING HOMESTEAD BOAST 865109	5 daughters	5	10,724	3.6	386
Born, 12-29-42; proved, 8-31-50; ; Wis.	5 dams----	7	10,004	3.6	359
Sire, 762372; dam, 2261230.	Difference-	(3-3-4)	+720	.0	+27
Herd Owner, Hoel Brothers, Cornell.					
DEAN SARCASTIC TRITOMIA 865143	6 daughters	9	9,776	3.7	360
Born, 12-31-42; proved, 8-31-50; ; Md.	6 dams----	19	10,301	3.5	357
Sire, 773955; dam, 2240882.	Difference-	(3-6-3)	-525	+.2	+3
Herd Owner, George M. Keener, Hagerstown.					
DE KOL PABST CASCADER 858968	6 daughters	10	10,982	3.5	388
Born, 4-30-42; proved, 8-31-50; ; Wis.	6 dams----	18	11,586	3.5	403
Sire, 673465; dam, 1816588.	Difference-	(3-4-3)	-604	.0	-15
Herd Owner, Paul J. Bast, Rockfield.					
DE KOL PIEBE SPINKER BUTTER BOY (TWIN) 878308	14 daughters	17	10,784	3.3	357
Born, 12-15-42; proved, 8-21-50; ; Va.	12 daughters	14	10,821	3.3	357
Sire, 700841; dam, 1667824.	12 dams----	30	10,093	3.3	333
Herd Owner, M. R. Hertzler, Denbigh.	Difference--	(7-9-7)	+728	.0	+24
DELL KING RAG APPLE 858591	8 daughters	13	14,428	3.5	500
Born, 6-2-42; proved, 8-23-50; ; Wis.	5 daughters	7	14,668	3.5	520
Sire, 768821; dam, 1425314.	5 dams----	15	14,035	3.5	496
Used in Tri-State Co-op. A. B. A.	Difference-	(3-3-3)	+633	.0	+24
DICKEY ORMSBY KERK 873803	7 daughters	10	9,591	3.5	339
Born, 11-16-42; proved, 8-31-50; ; Vt.	6 daughters	8	9,526	3.5	334
Sire, 134819 CHB; dam, 2359399.	6 dams----	19	12,462	3.4	418
Herd Owner, Byron J. & Roxie S. Hathaway, Rutland.	Difference-	(0-5-0)	-2,936	+.1	-84
ECHO HELBON MERCEDES BEST 873136	21 daughters	29	10,664	3.4	366
Born, 12-14-37; proved, 8-31-50; ; N. H.	12 daughters	17	10,683	3.4	363
Sire, 98258 CHB; dam, 249285 CHB.	12 dams----	30	11,420	3.4	393
Herd Owner, Baker Farm, Inc., Exeter.	Difference--	(5-5-4)	-737	.0	-30
ECHOVALE ORMSBY FOBES LAD 881095	9 daughters	10	10,859	3.7	404
Born, 2-6-43; proved, 8-14-50; dead ; Ill.	9 dams----	22	12,788	3.4	433
Sire, 801603; dam, 1762631.	Difference-	(3-8-3)	-1,929	+.3	-29
Herd Owner, Oscar W. & Ira J. Wolfe, Winslow.					
ELDERHILL KING BESSIE BURKE 879676	7 daughters	9	12,424	3.6	450
Born, 3-21-43; proved, 8-14-50; ; Iowa.	6 daughters	8	12,287	3.6	448
Sire, 820749; dam, 2145300.	6 dams----	28	13,900	3.6	502
Herd Owner, Francis Winslow, Grundy Center.	Difference-	(1-5-1)	-1,613	.0	-54

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ELDLIE OLLIE GOVERNOR OAK 843481-------	9 daughters	14	11,596	3.5	406
Born, 3-10-41; proved, 8-31-50; ; Wis.	7 daughters	12	11,200	3.5	395
Sire, 681693; dam, 1555434.	7 dams----	19	12,666	3.5	441
Used in Badger Co-op. A. B. A.	Difference-	(2-3-2)	-1,466	.0	-46
ERICHURST VICTORY BOND PIEBE 881824----	18 daughters	19	10,325	3.3	345
Born, 2-5-42; proved, 8-31-50; ; Minn.	15 daughters	16	9,803	3.3	328
Sire, 816711; dam, 2063681.	15 dams----	37	11,776	3.3	394
Herd Owner, Fergus Falls State Hospital, Fergus Falls.	Difference--	(2-9-3)	-1,973	.0	-66
FAIRHURST KING BESSIE CARNATION 875419--	10 daughters	12	13,218	3.4	451
Born, 1-23-43; proved, 8-14-50; ; Mich.	5 daughters-	6	13,349	3.4	450
Sire, 765131; dam, 2058884.	5 dams-----	13	12,560	3.4	425
Herd Owner, C. A. Green & Sons, Jasper.	Difference--	(4-3-4)	+789	.0	+25
FERNDALE NIG WOODMASTER 768210--------	17 daughters	25	12,754	3.5	447
Born, 9-15-37; proved, 8-30-50; ; Pa.	7 daughters-	8	11,680	3.5	413
Sire, 667915; dam, 1595125.	7 dams-----	46	11,397	3.4	390
Used in Southeastern Pennsylvania Co-op. A. B. A.	Difference--	(4-5-5)	+283	+.1	+23
FOBES MERCEDES STAR 794731----------	19 daughters	23	11,820	3.5	413
Born, 4-1-40; proved, 8-31-50; ; Iowa.	10 daughters	13	12,175	3.5	422
Sire, 588187; dam, 1653141.	10 dams----	29	10,004	3.6	357
Used in Eastern Iowa A. B. A., Inc.	Difference--	(9-4-8)	+2,171	-.1	+65
FOBES PIEBE BESSIE JOHANNA 922243*14----	12 daughters	14	14,142	3.9	556
Born, 6-3-43; proved, 8-31-50; ; Mich.	12 dams----	42	13,858	3.7	512
Sire, 798222; dam, 1771475.	Difference--	(8-10-9)	+284	+.2	+44
Used in Michigan Co-op. A. B. A., Inc.					
GENODALE KERK DIAMOND JIM 834222*14----	23 daughters	43	12,394	3.7	465
Born, 4-24-41; proved, 8-31-50; ; N. Y.	20 daughters	39	12,492	3.7	465
Sire, 689660; dam, 1999032.	20 dams----	92	12,229	3.6	445
Used in New York Co-op. A. B. A., Inc.	Difference--	(12-15-13)	+263	+.1	+20
GILKEY KING BESSIE DINTY MOORE (TWIN) 741679*11----------	68 daughters	141	12,378	3.4	415
Born, 12-1-36; proved, 8-29-50; dead ; Minn.	45 daughters	98	12,382	3.3	415
Sire, 520107; dam, 1772267.	45 dams----	116	10,938	3.5	387
Used in Minn. Valley & Southern Minn. A. B. A's	Difference--	(33-12-31)	+1,444	-.2	+28
GOLDEN DAIRY ORMSBY PIEBE 765777*9-----	48 daughters	109	12,254	3.4	413
Born, 10-27-37; proved, 8-21-50; ; Minn.	39 daughters	86	12,777	3.4	431
Sire, 734015; dam, 1818918.	39 dams----	163	11,001	3.5	387
Used in Minn. Valley & Southern Minn. A. B. A's	Difference--	(32-16-28)	+1,776	-.1	+44
GRAHAMHOLM MAN-O-WAR JOE 875318-------	10 daughters	14	14,320	3.5	505
Born, 10-27-41; proved, 8-14-50; dead ; Minn.	9 daughters-	12	14,364	3.5	510
Sire, 741485; dam, 2029327.	9 dams-----	20	13,241	3.3	443
Herd Owner, Milton Schwantz, Plainview.	Difference--	(6-7-6)	+1,123	+.2	+67
GREENWOOD RECTOR 866148*13----------	23 daughters	34	13,805	3.6	493
Born, 12-10-42; proved, 8-16-50;alive ; N. J.	22 daughters	33	13,914	3.6	498
Sire, 769435; dam, 1961056.	22 dams----	109	12,981	3.6	469
Used in New Jersey Co-op. A. B. A.	Difference--	(14-10-13)	+933	.0	+29
HARTHOLM DEWDROP PROSPECTOR 862621--	8 daughters	10	11,268	3.4	385
Born, 7-16-42; proved, 8-14-50; ; Wis.	6 daughters	7	11,254	3.4	379
Sire, 101771 CHB; dam, 367669 CHB.	6 dams----	12	11,882	3.6	431
Herd Owner, Alden K. Voland, Cleveland.	Difference-	(1-1-1)	-628	-.2	-52
HARTSBROOK KING JEMIMA ORMSBY 780456*14----------	49 daughters	58	12,099	3.5	418
Born, 12-2-38; proved, 8-23-50; ; N. J.	39 daughters	46	12,117	3.4	415
Sire, 579109; dam, 1796050.	39 dams----	117	10,909	3.5	385
Used in Massachusetts A. B. A., Inc., Mass.	Difference--	(24-17-24)	+1,208	-.1	+39
HAWTHORN DICTATOR ROYALTY 875225------	9 daughters	13	11,542	3.6	416
Born, 10-17-42; proved, 8-14-50; ; Mich.	8 daughters	12	11,964	3.6	428
Sire, 830017; dam, 2089572.	8 dams----	16	11,271	3.3	370
Herd Owner, Rice Brothers, Davison.	Difference-	(4-8-6)	+693	+.3	+58
HIGHPATH DAVID CHIEFTAIN PANSY 755603*12----------	25 daughters	72	11,708	3.4	402
Born, 1-11-38; proved, 8-29-50; ; Minn.	14 daughters	49	11,395	3.5	395
Sire, 727087; dam, 1658530.	14 dams----	47	10,749	3.5	377
Used in Minn. Valley & Southern Minn. A. B. A's	Difference--	(9-10-9)	+646	.0	+18
HILLSBORO SIR JEWEL BEETS CAREER 873831----------	10 daughters	13	11,674	3.6	421
Born, 1-24-43; proved, 8-31-50; ; Va.	10 dams----	37	10,268	3.5	357
Sire, 654594; dam, 1931873.	Difference--	(6-8-6)	+1,406	+.1	+64
Herd Owner, A. H. Henderson, Troutville.					
HOMESTEAD PIEBE JOE 861446----------	6 daughters	11	11,430	3.6	409
Born, 10-7-40; proved, 8-14-50; ; Wis.	5 daughters	10	11,513	3.6	413
Sire, 756642; dam, 1829502.	5 dams----	18	10,189	3.5	360
Herd Owner, Le Roy Markham, Janesville.	Difference-	(3-4-3)	+1,324	+.1	+53

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
INDIANA PIEBE WAYNE 841476*13----------	16 daughters	32	12,628	3.8	474
Born, 9-9-41; proved, 8-22-50; ; Ind.	16 dams----	85	13,251	3.8	502
Sire, 654504; dam, 1914467.	Difference--	(4-7-5)	-623	.0	-28
Used in Northwestern Minn. A. B. A., Minn.					
KALAMAZOO MERCEDES ORMSBY DIRECT 881315----------	9 daughters	11	12,210	3.5	429
Born, 12-12-42; proved, 8-31-50; ; Mich.	6 daughters	7	12,460	3.5	436
Sire, 760321; dam, 1781699.	6 dams----	8	11,453	3.2	371
Herd Owner, William H. Johnson, Colon.	Difference-	(5-6-5)	+1,007	+.3	+65
KELCO ADIRONDAC CHAMPION KING 834119*14----------	14 daughters	15	14,056	3.5	498
Born, 10-6-41; proved, 8-31-50; ; Pa.	12 daughters	13	13,724	3.5	486
Sire, 760725; dam, 1993018.	12 dams----	34	11,319	3.7	417
Used in Western Pennsylvania Co-op. A.B.A.	Difference--	(12-3-11)	+2,405	-.2	+69
KELCO PAPOOSE ORMSBY KING 904578--------	8 daughters	9	13,374	3.6	480
Born, 11-2-43; proved, 8-31-50; ; Pa.	7 daughters	8	13,526	3.6	486
Sire, 760725; dam, 1877119.	7 dams----	17	14,496	3.6	519
Used in Western Pennsylvania Co-op. A. B. A.	Difference-	(3-4-3)	-970	.0	-33
KING BESSIE SEGIS ORMSBY POLKADOT 762771*13----------	17 daughters	37	12,148	3.5	424
Born, 9-27-37; proved, 8-21-50; ; Minn.	10 daughters	25	12,897	3.4	434
Sire, 723807; dam, 1930979.	10 dams----	29	10,924	3.4	367
Used in Minn. Valley & Southern Minn. A. B. A's	Difference--	(8-6-8)	+1,973	.0	+67
KING CASCADE COMMANDER 873536----------	9 daughters	11	13,052	3.5	454
Born, 9-17-42; proved, 8-31-50; ; Ind.	9 dams----	19	13,295	3.4	457
Sire, 695886; dam, 1820337.	Difference--	(4-5-3)	-243	+.1	-3
Herd Owner, Indiana State Prison Farm, La Porte.					
KING JUDY SEGIS 901240----------	29 daughters	31	10,484	3.7	387
Born, 1-25-44; proved, 8-8-50; dead ; Pa.	27 daughters	29	10,610	3.7	393
Sire, 728151; dam, 1983005.	27 dams----	110	11,707	3.5	409
Used in First Pennsylvania Co-op. A. B. A.	Difference--	(11-23-14)	-1,097	+.2	-16
KING LAKEFIELD ORMSBY (TWIN) 780887*11--	26 daughters	57	11,399	3.7	419
Born, 3-12-39; proved, 8-31-50; ; Pa.	17 daughters	31	12,099	3.7	448
Sire, 728151; dam, 1860604.	17 dams----	66	12,315	3.6	442
Used in First Pennsylvania Co-op. A. B. A.	Difference--	(7-13-9)	-216	+.1	+8
KYLAND BARBETTA FOBES 874773-------- ---	7 daughters	9	11,040	3.4	375
Born, 10-25-42; proved, 8-14-50; ; Ill.	7 dams----	27	11,083	3.2	358
Sire, 761980; dam, 1629972.	Difference-	(3-5-5)	-43	+.2	+17
Herd Owner, Don Stauffenberg, Manteno.					
LIME ROCK SILVER KING 834729----------	9 daughters	12	12,015	3.4	408
Born, 11-8-40; proved, 8-31-50; ; Pa.	7 daughters	9	11,897	3.4	408
Sire, 707367; dam, 1783088.	7 dams----	23	11,633	3.5	413
Used in Western Pennsylvania Co-op. A. B. A.	Difference-	(4-4-4)	+264	-.1	-5
LOS ROBLES ORMSBY GERBEN 814949*13-----	16 daughters	29	13,963	3.6	500
Born, 11-5-40; proved, 8-21-50; dead; Calif.	15 daughters	28	14,316	3.6	511
Sire, 776515; dam, 2035355.	15 dams----	48	13,864	3.5	486
Used in Santa Clara A. B. A.	Difference--	(11-8-10)	+452	+.1	+25
LYMARLAN FARFIELDS 874868----------	5 daughters	8	9,116	3.7	337
Born, 5-23-43; proved, 8-14-50; ; Mich.	5 dams----	13	10,638	3.3	355
Sire, 798732; dam, 1980672.	Difference-	(1-4-2)	-1,522	+.4	-18
Herd Owner, Ludell W. Cheney, Mason.					
LYONS KING SEGIS AAGGIE JR 794309*8------	56 daughters	108	10,292	3.9	401
Born, 10-25-35; proved, 8-22-50; ; Vt	41 daughters	72	10,272	3.9	404
Sire, 651552; dam, 1587446.	41 dams----	63	11,927	3.5	417
Used in Vermont Co-op. A. B. A., Inc.	Difference--	(11-36-18)	-1,655	+.4	-13
MAJOR FEMCO SARCASTIC FORUM 881493----	9 daughters	12	9,539	3.3	315
Born, 4-21-42; proved, 8-31-50; ; Minn.	5 daughters	8	9,395	3.4	318
Sire, 697000; dam, 1662678.	5 dams----	10	9,757	3.5	338
Herd Owner, Paschke & Schwen, Blue Earth.	Difference-	(2-3-2)	-362	-.1	-20
MAPLEWOOD HENGERVELD CHAMPION 875327----------	9 daughters	9	9,578	3.8	362
Born, 5-30-43; proved, 8-14-50; dead ; N. Y.	6 daughters	6	9,840	3.7	364
Sire, 818518; dam, 1502638.	6 dams----	11	11,065	3.8	416
Herd Owner, Lewis Wing, Bliss.	Difference-	(1-4-1)	-1,225	-.1	-52
MARSHLINE STAR KING 774532*14----------	19 daughters	52	13,769	3.7	507
Born, 11-25-38; proved, 8-30-50; ; N. Y.	18 daughters	48	13,784	3.7	507
Sire, 729309; dam, 1762115.	18 dams----	60	12,518	3.5	436
Used in Massachusetts A. B. A., Inc., Mass.	Difference--	(15-16-15)	+1,266	+.2	+71
MAYTAG ORMSBY FOBES 2D 833968*14--------	21 daughters	47	13,052	3.6	474
Born, 7-22-41; proved, 8-31-50; ; Iowa.	20 daughters	46	13,072	3.6	475
Sire, 784293; dam, 1985119.	20 dams----	89	14,866	3.5	524
Used in Tilney Farms, Minn. (A. B. A.).	Difference--	(5-15-7)	-1,794	+.1	-49

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
MILBROFAR COLANTHA ORMSBY PAUL 861269----------	10 daughters	12	10,160	3.6	370
Born, 9-1-42; proved, 8-14-50; ; N. Y.	9 daughters-	11	9,890	3.7	364
Sire, 680074; dam, 2059394.	9 dams-----	29	12,299	3.5	434
Herd Owner, George S. Utter, Bradford.	Difference--	(1-8-1)	-2,409	+.2	-70
NORTH STAR BELL BOY 850713*14----------	23 daughters	35	13,623	3.7	509
Born, 3-9-42; proved, 8-16-50; alive ; Minn.	23 dams----	90	10,934	3.7	409
Sire, 742938; dam, 1990025.	Difference--	(19-15-17)	+2,689	.0	+100
Used in Minn. Valley & Southern Minn. A. B. A's.					
NORTH STAR CONNIE ESQUIRE 834649*14-----	18 daughters	33	13,076	3.5	458
Born, 6-21-41; proved, 8-21-50; alive; Minn.	17 daughters	31	13,326	3.5	466
Sire, 742938; dam, 2038677.	17 dams----	49	10,874	3.4	372
Used in Land O'Lakes Creameries, Inc. (A. B. A.)	Difference--	(16-11-16)	+2,452	+.1	+94
O K DEAN 869835----------	9 daughters	13	12,083	3.5	422
Born, 1-11-43; proved, 8-22-50; ; Iowa.	6 daughters	9	12,294	3.6	437
Sire, 772738; dam, 1899425.	6 dams----	18	12,758	3.6	462
Herd Owner, Homer Chapman, Fayette.	Difference-	(1-3-2)	-464	.0	-25
ONABANK BILLY TRIUNE JO 865331----------	9 daughters	11	12,317	3.7	450
Born, 2-6-42; proved, 8-31-50; ; Kans.	6 daughters	7	12,211	3.8	459
Sire, 803764; dam, 1938940.	6 dams----	14	10,663	3.5	374
Herd Owner, R. S. Lyman, Burrton.	Difference-	(4-5-4)	+1,548	+.3	+85
ONABANK WORTH WHILE KING 885154---------	6 daughters	9	14,352	3.3	478
Born, 1-23-42; proved, 8-31-50; ; Kans.	5 daughters	7	14,395	3.3	477
Sire, 697782; dam, 1877525.	5 dams----	17	14,824	3.3	496
Herd Owner, M. A. Shultz & Son, Pretty Prairie.	Difference-	(2-3-2)	-429	.0	-19
ORMSBY FOBES MONTVIC 838881*13---------	21 daughters	29	12,980	3.6	469
Born, 8-9-41; proved, 8-30-50; ; Wis.	19 daughters	26	13,010	3.6	467
Sire, 792389; dam, 1912467.	19 dams----	77	12,467	3.6	454
Used in Dairy Genetics Co., Inc., Iowa (A. B. A.)	Difference--	(11-9-11)	+543	.0	+13
OSBORNDALE SIR HOMESTEAD TOVARICH 870458*14----------	29 daughters	44	13,558	3.5	479
Born, 8-18-42; proved, 8-31-50; ; N. Y.	20 daughters	32	13,790	3.5	482
Sire, 760642; dam, 1961693.	20 dams----	38	11,033	3.5	387
Used in New York Co-op. A. B. A., Inc.	Difference--	(15-15-16)	+2,757	.0	+95
PABST BRILLIANT 869949----------	13 daughters	14	9,749	3.6	355
Born, 3-25-43; proved, 8-31-50; ; Mich.	10 daughters	11	9,933	3.6	357
Sire, 697789; dam, 1425998.	10 dams----	17	12,027	3.4	409
Herd Owner, Van Hoosen Farm, Rochester.	Difference--	(3-9-3)	-2,094	+.2	-52
PABST BURKE FRYSLAN 905694----------	11 daughters	11	13,397	3.6	484
Born, 5-17-44; proved, 8-23-50; ; Wis.	8 daughters-	8	13,419	3.6	484
Sire, 697789; dam, 1812358.	8 dams-----	21	13,779	3.2	444
Used in Tri-State Co-op. A. B. A.	Difference--	(4-8-7)	-360	+.4	+40
PABST BURKE TRITOMIA 869936----------	7 daughters	7	15,575	3.9	605
Born, 2-14-43; proved, 8-31-50; alive ; Kans.	7 dams----	33	11,337	3.9	441
Sire, 697789; dam, 1897938.	Difference-	(7-5-7)	+4,238	.0	+164
Herd Owner, R. C. Beezley, Girard.					
PABST CONFIDENT STAR 831861*14----------	19 daughters	22	13,319	3.3	445
Born, 8-16-41; proved, 8-31-50; ; Minn.	13 daughters	14	13,130	3.3	439
Sire, 782177; dam, 1943688.	13 dams----	23	10,851	3.5	384
Used in Land O'Lakes Creameries, Inc. (A. B. A.)	Difference--	(11-2-10)	+2,279	-.2	+55
PRINCE AAGGIE GYPSIE 927863*14----------	14 daughters	15	14,685	3.6	529
Born, 11-7-43; proved, 8-31-50; ; Minn.	13 daughters	14	15,057	3.6	543
Sire, 852929; dam, 1869523.	13 dams----	42	14,770	3.4	495
Used in Minn. Valley & Southern Minn. A. B. A's.	Difference--	(8-12-10)	+287	+.2	+48
REDFIELD MODEL GYPSIE JOHANNA 873742--	12 daughters	14	11,972	3.5	419
Born, 5-24-43; proved, 8-30-50; ; N. Dak.	12 dams----	45	11,427	3.3	382
Sire, 726873; dam, 2010715.	Difference--	(6-9-6)	+545	+.2	+37
Herd Owner, State Hospital, Jamestown.					
RIVERVIEW PONTIAC POSCH VICTOR 874650--	7 daughters	8	8,230	3.8	309
Born, 1-19-43; proved, 8-14-50; ; Pa.	5 daughters	5	8,534	3.7	319
Sire, 809329; dam, 2163232.	5 dams----	8	8,399	3.6	299
Herd Owner, P. J. Barrett & Sons, Towanda.	Difference-	(3-4-3)	+135	+.1	+20
ROCK VALLEY JOHANNA SKYLARK 861658----	7 daughters	9	11,599	3.9	458
Born, 11-5-42; proved, 8-14-50; ; Wis.	5 daughters	6	11,741	3.8	446
Sire, 815388; dam, 2179889.	5 dams----	17	11,852	3.8	452
Herd Owner, Wallace Crocker, Brooklyn.	Difference-	(2-3-2)	-111	.0	-6
RUTGERS JEWEL ORMSBY GOLIAH 874915----	5 daughters	8	12,831	3.7	478
Born, 2-3-43; proved; 8-14-50; ; Va.	5 dams----	21	12,608	3.6	457
Sire, 749201; dam, 1709707.	Difference-	(3-3-2)	+223	+.1	+21
Used in Blue Ridge A. B. A., Inc.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SHAWS AIM UNA DAUNTLESS 921858----------	6 daughters	6	13,792	3.9	537
Born, 11-11-44; proved, 8-16-50; alive; Maine.	5 daughters	5	12,938	3.9	511
Sire, 780041; dam, 1857452.	5 dams----	13	12,132	3.9	473
Used in Maine Co-op. A. B. A.	Difference-	(3-3-4)	+806	.0	+38
SHAWS DAUNTLESS COLANTHA 921851-------	6 daughters	7	10,238	3.7	383
Born, 4-26-44; proved, 8-7-50; ; Vt.	6 dams----	18	12,418	3.4	428
Sire, 668530; dam, 1857454.	Difference-	(1-6-1)	-2,180	+.3	-45
Herd Owner, Putney School, Putney.					
SHIAWANA COMMANDER ORMSBY 860775-----	9 daughters	19	12,759	3.5	448
Born, 10-24-42; proved, 8-31-50; ; Mich.	8 daughters	9	13,023	3.5	454
Sire, 670314; dam, 2063408.	8 dams----	16	11,432	3.4	393
Herd Owner, Lloyd Johnston, Au Gres.	Difference-	(6-5-7)	+1,591	+.2	+61
SIR BESSIE ORMSBY DELLA 809707*14-------	31 daughters	53	12,070	3.2	387
Born, 3-4-40; proved, 8-22-50; dead; Wis.	17 daughters	29	12,079	3.2	392
Sire, 708264; dam, 1907551.	17 dams----	33	11,497	3.2	369
Used in Minn. Valley & Southern Minn. A. B. A's Minn.	Difference--	(11-10-11)	+582	.0	+23
SIR BESS SKYLARK ORMSBY OLLIE 874833---	8 daughters	13	11,953	3.6	430
Born, 10-10-42; proved, 8-14-50; ; Iowa.	6 daughters	9	12,286	3.6	443
Sire, 711381; dam, 2102634.	6 dams----	10	10,182	3.6	364
Herd Owner, Donald Rehder, Gladbrook.	Difference-	(5-4-5)	+2,104	.0	+79
SIR CHALLENGER TRANSMITTER 889698*14--	10 daughters	12	13,385	4.0	532
Born, 8-17-43; proved, 8-16-50; ; Iowa.	10 dams----	29	12,568	3.4	423
Sire, 835595; dam, 2272006.	Difference--	(7-10-9)	+817	+.6	+109
Used in Eastern Iowa A. B. A., Inc.					
SIR DENVER CASCADE PABST 869411---------	10 daughters	12	10,819	3.9	420
Born, 12-16-42; proved, 8-31-50; ; Va.	10 dams----	28	10,467	3.6	378
Sire, 807162; dam, 1994502.	Difference--	(6-9-8)	+352	+.3	+42
Herd Owner, F. W. McComb, Bluemont.					
SIR DOUG BURK PIEBE GERB-COLA JOHAN 830325*13----------	24 daughters	87	10,745	3.5	375
Born, 4-26-41; proved, 8-30-50; alive ; Maine.	20 daughters	33	10,550	3.5	374
Sire, 660575; dam, 1973762.	20 dams----	61	12,075	3.5	417
Used in Louisiana Co-op. A. B. A., Inc., La.	Difference--	(7-12-7)	-1,525	.0	-43
SIR DOUG BURK PRIDE GERB-COL O-WATSON 876957*14----------	12 daughters	14	11,255	3.6	403
Born, 12-12-42; proved, 8-30-50; dead; N. Y.	12 dams----	51	12,020	3.6	430
Sire, 660575; dam, 1908146.	Difference--	(5-8-4)	-765	.0	-27
Used in Texas A. & M. College A.B.A., Tex.					
SIR-DOUG NINE-O-FIVE BURK CER COL STAR 893638----------	15 daughters	16	11,170	3.7	413
Born, 6-29-43; proved, 8-31-50; alive ; Conn.	11 daughters	12	11,223	3.7	413
Sire, 660575; dam, 2115378.	11 dams----	46	11,232	3.6	401
Used in Connecticut A. B. A., Inc.	Difference--	(5-9-6)	-9	+.1	+12
SIR-DOUG NINE-O-FIVE GERB COLAN STAR 896304*14----------	44 daughters	52	12,173	3.5	426
Born, 11-18-42; proved, 8-30-50; alive ; Pa.	33 daughters	37	12,548	3.5	438
Sire, 660575; dam, 1859291.	33 dams----	97	11,896	3.5	413
Used in Southeastern Pa. Co-op. A. B. A.	Difference--	(19-18-20)	+652	.0	+25
SIR RANGER DESIGN 931840----------	5 daughters	5	14,632	3.6	534
Born, 12-26-44; proved, 8-31-50; alive ; Del.	5 dams----	13	13,291	3.5	469
Sire, 738106; dam, 2228571.	Difference-	(4-3-4)	+1,341	+.1	+65
Used in Maryland Co-op. A. B. A., Inc., Md.					
SIR SKYLARK ORMSBY HARTOG 881969-------	6 daughters	10	14,628	3.4	504
Born, 1-27-43; proved, 8-31-50; ; Iowa.	5 daughters	8	15,149	3.4	516
Sire, 770832; dam, 1963386.	5 dams----	22	13,093	3.4	446
Herd Owner, Elmer Becker, Watkins.	Difference-	(5-3-4)	+2,056	.0	+70
SKYLARK MONK SAMBO 860982----------	8 daughters	11	11,320	3.7	424
Born, 10-7-42; proved, 8-14-50; ; Iowa.	8 dams----	15	10,729	3.5	378
Sire, 750903; dam, 2110150.	Difference-	(4-6-5)	+591	+.2	+46
Herd Owner, Herbert W. Malven, Maynard.					
SLEEPY HOLLOW CORPORAL HEILO HILDA 860929----------	11 daughters	14	10,991	3.4	379
Born, 8-18-42; proved, 8-31-50; ; Calif.	7 daughters-	8	10,972	3.5	384
Sire, 733779; dam, 1930177.	7 dams-----	17	10,831	3.3	354
Herd Owner, Sleepy Hollow Certified Milk Co., Petaluma.	Difference--	(3-6-4)	+141	+.2	+30
SLEEPY HOLLOW SUPREME AL (TWIN) 856338----------	8 daughters	11	17,720	3.7	660
Born, 6-5-42; proved, 8-7-50; alive ; Calif.	8 dams----	36	13,591	3.3	444
Sire, 774057; dam, 1881895.	Difference-	(8-8-8)	+4,129	+.4	+216
Herd Owner, California State Prison, San Quentin.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SOWISCOL KING PIEK PANSY 919514----------	5 daughters	5	13,273	3.7	487
Born, 10-10-44; proved, 8-7-50;alive ; Minn.	5 dams----	11	10,286	3.5	362
Sire, 724675; dam, 2050072.	Difference-	(4-5-4)	+2,987	+.2	+125
Herd Owner, Fritz J. Sprenger, Zumbro Falls.					
SPRINGSYKE DE KOL ORMSBY 848081--------	6 daughters	10	6,652	3.3	219
Born, 2-22-42; proved, 8-22-50; ; Md.	6 dams----	11	7,281	3.3	237
Sire, 741346; dam, 1946371.	Difference-	(3-5-4)	-629	.0	-18
Herd Owner, L. Carroll Fritz, New Windsor.					
TYLER FARMS RAG APPLE POSCH 862184----	7 daughters	11	8,381	3.7	309
Born, 10-25-42; proved, 8-14-50; ; Vt.	7 dams----	26	9,781	3.6	356
Sire, 827071; dam, 1627472.	Difference-	(2-4-2)	-1,400	+.1	-47
Herd Owner, Herrick B. Spencer, Addison.					
U-MO MAN-O-WAR OVERSEER 885173--------	8 daughters	9	12,103	3.7	443
Born, 12-30-42; proved, 8-31-50; ; Mo.	8 dams----	30	12,591	3.6	452
Sire, 639850; dam, 1930404.	Difference-	(3-6-4)	-488	+.1	-9
Herd Owner, Church Farm Dairy, Jefferson City.					
U N H EVERLASTING MODEL 832735*12-------	29 daughters	57	12,904	3.7	473
Born, 9-11-41; proved, 8-30-50; ; N. H.	16 daughters	40	13,843	3.6	500
Sire, 691897; dam, 1554130.	16 dams----	56	12,899	3.4	437
Used in New Hampshire A. B. A.	Difference--	(8-15-10)	+944	+.2	+63
U OF MD MASTER MONARCH 870684----------	8 daughters	9	11,132	3.6	403
Born, 9-1-42; proved, 8-31-50; ; Pa.	7 daughters	8	10,939	3.6	396
Sire, 751641; dam, 2027359.	7 dams----	12	10,495	3.6	379
Herd Owner, Jonas Gruver, Thomasville.	Difference-	(5-4-4)	+444	.0	+17
U W BEETS SIR WAYNE 871207----------	11 daughters	15	11,784	3.4	403
Born, 4-12-43; proved, 8-23-50; ; Wis.	10 daughters	13	11,949	3.4	412
Sire, 832252; dam, 2258510.	10 dams----	34	11,793	3.5	416
Used in University of Wisconsin (A. B. A.).	Difference--	(5-5-5)	+156	-.1	-4
U W GREBEGGA SIR WAYNE 897864----------	7 daughters	7	10,703	3.4	363
Born, 11-3-43; proved, 8-23-50; ; Wis.	7 dams----	24	12,429	3.4	424
Sire, 832252; dam, 2174136.	Difference-	(0-2-0)	-1,726	.0	-61
Used in University of Wisconsin (A. B. A.).					
VAN HOOSEN INKA 549 810601----------	15 daughters	22	10,989	3.5	384
Born, 5-28-40; proved, 8-22-50; ; Mich.	8 daughters-	14	11,407	3.5	403
Sire, 647839; dam, 1948430.	8 dams-----	18	10,073	3.2	324
Herd Owner, Schmidt Foundation, Washington.	Difference--	(7-7-8)	+1,334	+.3	+79
VICE ADMIRAL ORMSBY FOBES 864282-------	5 daughters	7	12,082	3.6	439
Born, 11-19-42; proved, 8-11-50; alive ; W. Va.	5 dams----	16	11,569	3.2	370
Sire, 671272; dam, 2253916.	Difference-	(4-5-4)	+513	+.4	+69
Herd Owner, S. M. & Amos Combs, Lewisburg.					
VINELAND ORMSBY SENSATION 884652-------	6 daughters	7	12,293	3.6	438
Born, 5-3-43; proved, 8-23-50; ; Wis.	6 dams----	24	10,550	3.7	395
Sire, 829369; dam, 2226524.	Difference-	(5-3-5)	+1,743	-.1	+43
Used in Tri-State Co-op. A. B. A.					
WAIT FARM M O J MAJOR 873501----------	11 daughters	18	12,762	3.8	481
Born, 2-17-43; proved, 8-31-50; ; N. Y.	11 dams----	71	11,083	3.7	411
Sire, 738678; dam, 2003666.	Difference--	(7-8-10)	+1,679	+.1	+70
Herd Owner, E. F. Stowe & Son, Elmira.					
WALKER SEGIS DUKE (TWIN) 767275*14-------	57 daughters	76	11,442	3.7	418
Born, 3-1-38; proved, 8-31-50; ; Pa.	44 daughters	61	11,758	3.6	429
Sire, 715011; dam, 1631813.	44 dams----	161	11,233	3.6	401
Used in Western Pennsylvania Co-op. A. B. A.	Difference--	(25-32-27)	+525	.0	+28
WEARY RIVER INKA ABBEKERK (TWIN) 755530*14----------	23 daughters	33	15,157	3.4	516
Born, 6-7-36; proved, 8-29-50; ; Calif.	20 daughters	25	15,075	3.4	513
Sire, 532320; dam, 1117233.	20 dams----	61	12,652	3.7	474
Used in San Pasqual A. B. A., Inc.	Difference--	(17-4-12)	+2,423	-.3	+39
WIMBLEDON EMPEROR HAPPY 790106-------	16 daughters	34	13,523	3.6	484
Born, 5-23-39; proved, 8-30-50; ; Del.	15 daughters	33	13,669	3.6	492
Sire, 671030; dam, 1568926.	15 dams----	83	13,990	3.5	491
Used in Massachusetts A. B. A., Inc., Mass.	Difference--	(6-12-9)	-321	+.1	+1
WIMBLEDON EMPEROR RAG APPLE 773953*14----------	28 daughters	54	11,937	3.7	446
Born, 11-29-38; proved, 8-16-50; alive; Md.	26 daughters	52	11,984	3.8	450
Sire, 671030; dam, 1585325.	26 dams----	101	11,810	3.5	409
Used in Maryland Co-op. A. B. A., Inc.	Difference--	(15-21-17)	+174	+.3	+41
WIMBLEDON EMPEROR SUPREME 750275*14--	25 daughters	51	12,582	3.6	447
Born, 8-23-37; proved, 8-31-50; ; Mass.	20 daughters	45	12,664	3.6	453
Sire, 671030; dam, 1739010.	20 dams----	51	11,928	3.4	405
Used in Massachusetts A. B. A., Inc.	Difference--	(12-17-16)	+736	+.2	+48

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
WINTERTHUR FOBES GREAT XIANA 862758---	9 daughters	11	11,668	3.6	419
Born, 10-10-42; proved, 8-14-50; ; Pa.	8 daughters	10	11,706	3.6	419
Sire, 729449; dam, 1776871.	8 dams----	18	13,307	3.5	472
Herd Owner, Russell S. Dayton, Montrose.	Difference-	(1-5-2)	-1,601	+.1	-53
JERSEY SIRES					
AFTERGLOW BRUCE SIGNAL 445534----------	12 daughters	14	5,555	5.2	291
Born, 3-23-43; proved, 8-24-50; dead ; Tenn.	11 daughters	12	5,484	5.2	288
Sire, 346193; dam, 1133895.	11 dams----	28	5,809	4.9	284
Herd Owner, W. B. Henderson & Son, Memphis.	Difference--	(7-8-7)	-325	+.3	+4
AMATEUR IT 390641----------	8 daughters	16	7,072	5.7	400
Born, 7-1-37; proved, 8-11-50; dead ; N. Y.	6 daughters	8	6,969	5.7	394
Sire, P.S. 7022 H.C.; dam, 1145802.	6 dams----	11	7,509	5.5	415
Herd Owner, Earl Henry, Port Henry.	Difference-	(2-4-2)	-540	+.2	-21
BARONET ASHBURN NOBLE 450391*14 -------	20 daughters	22	10,209	5.0	513
Born, 7-6-43; proved, 8-21-50; ; Calif.	20 dams----	36	10,220	4.6	475
Sire, 369170; dam, 1223305.	Difference--	(8-16-12)	-11	+.4	+38
Used in San Pasqual A. B. A., Inc.					
BESS' CARRY ON POGIS 409403----------	5 daughters	12	11,358	4.9	551
Born, 6-22-39; proved, 8-31-50; ; Wash.	5 dams----	15	11,564	4.4	508
Sire, 293805; dam, 980104.	Difference-	(2-4-3)	-206	+.5	+43
Herd Owner, Ernest Mock, Satsop.					
BLONDE STANDARD POMPOUS 427425*14-----	25 daughters	34	8,236	5.2	426
Born, 1-6-41; proved, 8-21-50; dead ; Ky.	19 daughters	27	8,477	5.2	438
Sire, 331755; dam, 1130275.	19 dams----	35	8,363	5.1	425
Used in Mississippi Co-op. A. B. A., Miss.	Difference--	(9-10-9)	+114	+.1	+13
CLARICE AGATHA MUSIC 401186----------	9 daughters	20	5,258	5.9	313
Born, 6-27-38; proved, 8-31-50; ; Va.	5 daughters	12	5,038	6.1	307
Sire, 367783; dam, 1084595.	5 dams----	9	6,411	5.9	376
Herd Owner, G. C. McAlexander & Son, Orange.	Difference-	(1-4-1)	-1,373	+.2	-69
CORONATION STAR FANCY LAD 425240-------	7 daughters	11	6,841	5.8	399
Born, 8-16-40; proved, 8-30-50; ; Pa.	5 daughters	8	6,778	5.8	391
Sire, 367418; dam, 1090107.	5 dams----	21	7,851	5.5	432
Used in Nepa Co-op. A. B. A.	Difference-	(0-3-1)	-1,073	+.3	-41
DESIGN GAY NOBLE FAIR PLAY 390575-------	9 daughters	13	6,997	4.8	333
Born, 3-5-38; proved, 8-31-50; ; Ind.	5 daughters	9	7,200	5.2	373
Sire, 338945; dam, 1003487.	5 dams----	11	7,103	5.1	360
Herd Owner, Harold Thorpe & Son, Carlos City.	Difference-	(2-3-3)	+97	+.1	+13
DESIGN QUALITY SULTAN 441313*14----------	21 daughters	44	8,491	5.0	427
Born, 2-15-42; proved, 8-31-50; ; Md.	21 dams----	73	7,863	5.0	394
Sire, 359463; dam, 1052650.	Difference--	(14-12-15)	+628	.0	+33
Used Northwest Okla. A. B. A., Okla.					
DUKE'S PATRIOT 394584 ----------	5 daughters	5	7,873	5.1	400
Born, 10-13-37; proved, 8-11-50; dead ; Mass.	5 dams----	11	6,641	4.9	326
Sire, 376425; dam, 1038909.	Difference-	(2-3-2)	+1,232	+.2	+74
Herd Owner, W. A. Olds & Son, Middlefield.					
EAGLE'S BARRISTER OF OZ 411907----------	9 daughters	12	7,135	5.7	404
Born, 7-12-40; proved, 8-31-50; ; Kans.	5 daughters	6	7,110	5.5	393
Sire, 346705; dam, 1150589.	5 dams----	13	6,560	5.1	337
Herd Owner, Harry Randolph, Nashville.	Difference-	(3-4-4)	+550	+.4	+56
FAIRY TID OF HOMEWOOD 393453*13----------	26 daughters	60	7,991	5.8	465
Born, 11-21-37; proved, 8-21-50; ; Va.	23 daughters	50	7,990	5.8	463
Sire, 375664; dam, 892403.	23 dams----	81	8,311	5.1	428
Used in Northern Virginia Co-op. A.B.A., Inc.	Difference--	(9-21-16)	-321	+.7	+35
GENTLE AFTERGLOW OBSERVER 385752*10--	33 daughters	64	6,090	5.1	311
Born, 9-15-37; proved, 8-24-50; dead ; Tenn.	30 daughters	60	5,940	5.1	302
Sire, 286446; dam, 922880.	30 dams----	53	5,787	5.0	291
Herd Owner, W. B. Henderson & Son, Memphis.	Difference--	(17-16-16)	+153	+.1	+11
GOLDEN OXFORD XENIA DESIGN 419898*13---	15 daughters	37	7,063	5.0	352
Born, 8-20-40; proved, 8-24-50; dead ; Tenn.	9 daughters-	23	6,907	4.9	336
Sire, 387629; dam, 1206070.	9 dams-----	15	5,586	5.0	280
Herd Owner, W. B. Henderson & Son, Memphis.	Difference--	(8-2-7)	+1,321	-.1	+56
HI-POWER VALIANT KING 463540----------	6 daughters	8	6,193	5.3	326
Born, 2-15-43; proved, 8-11-50; ; Mich.	5 daughters	7	6,421	5.2	336
Sire, 413357; dam, 1360254.	5 dams----	12	7,066	5.0	352
Herd Owner, Harry Martin, Ionia.	Difference-	(2-2-2)	-645	+.2	-16

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
J. ROYAL KING VALENTINE 409846----------	7 daughters	8	8,539	5.6	477
Born, 2-23-40; proved, 8-31-50; ; Vt.	7 dams----	16	7,243	5.7	410
Sire, 250214; dam, 1026886.	Difference-	(6-3-6)	+1,296	-.1	+67
Herd Owner, John Morse, Calais.					
LILAC MICKY 430186----------	7 daughters	13	7,150	5.7	406
Born, 2-17-41; proved, 8-16-50; ; Wash.	7 dams----	18	8,393	5.6	466
Sire, 387007; dam, 1157955.	Difference-	(2-6-2)	-1,243	+.1	-60
Herd Owner, Robert Taylor, Montesano.					
LILAC REMUS GEORGIE 426784----------	7 daughters	13	8,332	5.7	474
Born, 9-14-41; proved, 8-16-50; alive ; Mass.	5 daughters	9	8,283	5.6	464
Sire, 328497; dam, 1147453.	5 dams----	9	8,522	5.3	448
Used in Southeastern A. B. A., N. C.	Difference-	(3-4-3)	-239	+.3	+16
LILAC REMUS VIKING 406868*13----------	26 daughters	49	7,751	5.3	411
Born, 11-30-39; proved, 8-31-50; ; N. Y.	21 daughters	42	7,767	5.3	411
Sire, 328497; dam, 1050756.	21 dams----	55	6,804	5.4	367
Used in Indiana A. B. A., Ind.	Difference--	(14-10-15)	+963	-.1	+44
MADREPORE CHECKMATE 401069----------	7 daughters	11	7,479	5.4	400
Born, 7-12-38; proved, 8-31-50; ; Ala.	5 daughters	8	7,611	5.4	412
Sire, P.S. 7019 H.C.; dam, 1189349.	5 dams----	13	5,667	5.0	281
Herd Owner, Walnut Grove Farm, Birmingham.	Difference-	(3-4-3)	+1,944	+.4	+131
MARIE'S NOBLE ADVANCER 419788*14--------	16 daughters	38	6,805	5.0	342
Born, 12-21-40; proved, 8-21-50; dead; W. Va.	15 daughters	34	6,724	5.0	339
Sire, 379541; dam, 1067887.	15 dams----	53	6,373	5.2	331
Used in West Virginia Co-op. A. B. A.	Difference--	(8-6-7)	+351	-.2	-8
MARSH FARM GOLDEN JAP 386660----------	10 daughters	12	6,130	5.6	345
Born, 2-25-37; proved, 8-31-50; ; N. Y.	10 dams----	50	7,959	5.7	452
Sire, 287799; dam, 858289.	Difference--	(0-4-1)	-1,829	-.1	-107
Herd Owner, Mrs. Alma Ross Miller, Watertown.					
NOBLY BORN ST. MAWES CHIEF 430598------	9 daughters	9	6,009	5.0	299
Born, 2-28-41; proved, 8-21-50; ; Wis.	8 daughters	8	5,960	4.9	294
Sire, 380004; dam, 1166326.	8 dams----	26	7,074	5.1	359
Herd Owner, Metzler Brothers, New Franken.	Difference-	(3-5-2)	-1,114	-.2	-65
OBSERVER FERDINAND 390191----------	9 daughters	11	6,518	5.1	333
Born, 9-6-37; proved, 8-11-50; dead ; Ky.	7 daughters	9	7,091	5.0	355
Sire, 342460; dam, 1059120.	7 dams----	18	7,250	5.1	371
Herd Owner, Gander Brothers, Stanford.	Difference-	(2-3-2)	-159	-.1	-16
OHIO NOBLE ADVANCER 405160----------	9 daughters	11	7,016	5.3	374
Born, 10-10-39; proved, 8-31-50; ; Ohio.	6 daughters	6	6,677	5.5	365
Sire, 367164; dam, 1157500.	6 dams----	13	6,895	5.3	365
Herd Owner, Hart Sisters & Kirkbride, Chesterhill.	Difference-	(4-3-5)	-218	+.2	0
ONWARD FLASHY LAD 420893*12----------	17 daughters	20	7,901	5.2	408
Born, 8-8-40; proved, 8-31-50; ; W. Va.	17 dams----	67	7,828	5.1	398
Sire, 327155; dam, 858612.	Difference--	(11-11-9)	+73	+.1	+10
Used in West Virginia Co-op. A. B. A.					
OXFORD ALICE'S STANDARD 427383----------	10 daughters	15	8,695	5.5	474
Born, 12-2-40; proved, 8-16-50; dead ; Oreg.	6 daughters-	7	9,891	5.5	546
Sire, 399146; dam, 946215.	6 dams-----	13	9,914	5.8	578
Herd Owner, H. J. Merz, Ada.	Difference--	(3-1-2)	-23	-.3	-32
PEDRO GAMBOGE 402268----------	8 daughters	8	6,268	5.1	318
Born, 7-20-37; proved, 8-31-50; ; Ga.	6 daughters	6	6,097	5.1	311
Sire, 367156; dam, 1009890.	6 dams----	7	8,793	5.0	437
Herd Owner, The Berry Schools, Mount Berry.	Difference-	(1-4-1)	-2,696	+.1	-126
PEER NOBLE ST. MAWES 405672----------	9 daughters	20	8,816	5.2	460
Born, 2-28-39; proved, 8-31-50; ; Oreg.	5 daughters	12	7,884	5.0	396
Sire, 376878; dam, 1133321.	5 dams----	10	9,561	4.4	417
Herd Owner, Marvin Ufford, Lebanon.	Difference-	(0-4-0)	-1,677	+.6	-21
REMUS LION MAJOR 427544----------	15 daughters	16	6,821	5.7	391
Born, 7-15-41; proved, 8-31-50; ; Pa.	12 daughters	13	7,108	5.7	405
Sire, 404631; dam, 1227246.	12 dams----	53	7,640	5.4	411
Used in Nepa Co-op. A. B. A.	Difference--	(3-10-3)	-532	+.3	-6
ROMULUS INO'S KING 398955*14----------	27 daughters	52	6,890	5.4	372
Born, 10-24-38; proved, 8-21-50; dead ; Oreg.	14 daughters	29	7,377	5.5	407
Sire, 358518; dam, 1162146.	14 dams----	20	7,413	5.1	382
Used in Oregon A. B. A.	Difference--	(6-9-8)	-36	+.4	+25
ROYAL OXFORD SYBIL RALEIGH 422884------	8 daughters	12	7,012	5.1	360
Born, 9-11-39; proved, 8-11-50; ; N. Y.	7 daughters	10	6,943	5.2	363
Sire, 375364; dam, 1178663.	7 dams----	14	8,401	5.1	427
Herd Owner, Robert Ginsberg, Washingtonville.	Difference-	(1-5-1)	-1,458	+.1	-64

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SPOZZA'S ASHBURN BARONET 397954--------	9 daughters	22	8,115	5.0	408
Born, 8-30-38; proved, 8-11-50; dead ; Idaho.	6 daughters	15	8,487	5.0	426
Sire, 369170; dam, 842796.	6 dams----	21	9,325	4.9	459
Herd Owner, W. M. Stilson, Nampa.	Difference-	(2-4-1)	-838	+.1	-33
STORRS BLONDE SPITFIRE 441066*13--------	20 daughters	34	8,443	5.1	431
Born, 8-30-42; proved, 8-21-50; alive ; Wis.	19 daughters	32	8,434	5.1	426
Sire, 401306; dam, 1047818.	19 dams----	46	8,165	5.4	437
Used in Northwestern Minnesota A. B. A., Minn.	Difference--	(12-6-8)	+269	-.3	-11
STORRS ROMULUS 400953----------	10 daughters	13	7,189	5.5	396
Born, 8-17-38; proved, 8-31-50; ; Conn.	5 daughters-	5	7,129	5.2	371
Sire, 360347; dam, 982653.	5 dams-----	13	8,356	5.0	415
Herd Owner, Franklyn C. Buell, Woodstock Valley.	Difference--	(0-3-0)	-1,227	+.2	-44
SUCCESSOR ROYAL AIM 424638----- ---------	12 daughters	27	8,209	5.7	470
Born, 5-13-40; proved, 8-11-50; ; Iowa.	10 daughters	24	8,335	5.7	476
Sire, 393095; dam, 1122914.	10 dams----	28	8,020	5.4	434
Herd Owner, Carl P. Schmitt, Farmington.	Difference--	(6-7-6)	+315	+.3	+42
SUCCESSOR VOLUNTEER WAR BOY 428203----	17 daughters	25	7,365	5.0	371
Born, 12-23-40; proved, 8-7-50; ; Wash.	11 daughters	14	7,164	5.1	363
Sire, 390371; dam, 1170123.	11 dams----	28	7,080	5.0	353
Herd Owner, Art Merrefield, La Center.	Difference--	(5-8-5)	+84	+.1	+10
SYBIL GIPSY OXFORD VICTOR 411915*13-----	25 daughters	62	7,542	5.1	384
Born, 5-31-40; proved 8-31-50; ; Pa.	24 daughters	57	7,644	5.1	389
Sire, 356171; dam, 1032580.	24 dams----	126	6,915	5.2	361
Used in Southeastern Pa. Co-op. A. B. A.	Difference--	(19-8-18)	+729	-.1	+28
THOMAS LORD X 408721----------	7 daughters	12	6,747	5.1	344
Born, 10-30-39; proved, 8-31-50; ; Mich.	5 daughters	10	7,051	5.1	361
Sire, 374203; dam, 1125895.	5 dams----	25	7,747	5.1	397
Herd Owner, Hyattoba Jersey Farm, Manitou Beach.	Difference-	(1-2-0)	-696	.0	-36
WONDERFUL AIM X 405995*14----------	17 daughters	25	6,652	5.3	350
Born, 8-6-39; proved, 8-31-50; ; Iowa.	14 daughters	22	6,673	5.3	353
Sire, 374203; dam, 1158811.	14 dams----	40	8,324	5.4	446
Used in Dairy Genetics Co., Inc. (A.B.A.).	Difference--	(2-5-3)	-1,651	-.1	-93
WONDERFUL CARRY ON 438400----------	12 daughters	15	9,705	5.6	541
Born, 4-12-42; proved, 8-11-50; alive ; Mich.	12 dams----	32	8,265	5.3	438
Sire, 397053; dam, 1100526.	Difference--	(9-10-11)	+1,440	+.3	+103
Used in Indiana A. B. A., Ind.					

AMERICAN DAIRY CATTLE CLUB SIRES

ALEXANDER WAYNE REED 764
(This sire is also a registered Holstein "Alexander Wayne Reed 867643." Proved Sire data included in Holstein listing.)

DAIRY HERD IMPROVEMENT ASSOCIATIONS

RECORD BOOK

Test the Cows — Select Cow Families — Prove the Bulls

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF DAIRY INDUSTRY
WASHINGTON, D. C.

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Dairy-Herd-Improvement-Association Letter Vol. 26, No. 10

October 1950

LACTATION RECORDS (718's) REPORTED FIRST 9 MONTHS OF 1950

During the first 9 months of 1950, association supervisors reported 325,342 lactation records for use in proving DHIA sires. This is the largest number of records ever reported in any similar period.

New York led the States in number of records reported, with a total of 48,913. Pennsylvania was second with 42,629; and Wisconsin was third with 34,337 records reported.

Delaware led the States in percentage of records reported. Thirteen States reported a total number of records equal to 40 percent or more of the cows on test. They are:

Delaware	61.7	New Hampshire	44.7
Connecticut	54.3	Minnesota	43.2
North Dakota	50.9	Iowa	42.7
West Virginia	49.5	Wisconsin	41.2
Pennsylvania	48.3	Virginia	40.9
Kansas	46.5	New York	40.8
Maine	45.8		

The table on page 2 shows the number of records reported by DHIA supervisors and by breed associations, by States.

GPO—O—BDI 210

PRODUCTION RECORDS REPORTED TO THE BUREAU OF DAIRY INDUSTRY BY THE STATE EXTENSION SERVICES FOR THE PERMANENT FILES DURING 1949 AND 1950

State	First 9 months of 1950								1949		
	Cows on test in all association herds on January 1	Production records reported 1/ 2/		Herd Test Records reported by				Records returned 3/	Production records reported 2/	
				American Dairy Cattle Club	Ayrshire Breeders' Association	Brown Swiss Cattle Breeders' Association	American Jersey Cattle Club			
	Number	Number	Percent	Number	Number	Number	Number	Number	Number	Percent
Maine	10,041	4,603	45.8	0	128	0	11	275	5,531	64.2
N. H	7,564	3,379	44.7	0	195	5	22	162	3,546	56.2
Vt	30,903	7,999	25.9	14	326	59	70	360	13,479	48.4
Mass	15,355	4,507	29.4	80	694	114	75	168	4,834	37.3
R. I	2,375	200	8.4	0	132	0	16	20	679	39.7
Conn	14,121	7,663	54.3	0	510	120	57	565	6,277	51.1
N. Y	119,882	48,913	40.8	1,449	1,627	178	122	1,510	38,880	38.5
Pa	88,268	42,629	48.3	77	1,249	57	65	1,696	51,091	69.1
N. J	23,463	4,885	20.8	0	52	38	196	316	5,302	25.0
Md	24,266	7,654	31.5	104	623	6	63	164	10,077	56.5
Del	2,286	1,410	61.7	14	42	0	0	96	417	20.3
Va	39,348	16,084	40.9	0	0	4	48	429	15,679	46.0
W. Va	6,810	3,371	49.5	0	56	6	23	91	4,024	72.4
Ky	8,320	2,197	26.4	0	0	34	120	132	3,045	42.0
N. C	8,403	1,316	15.7	0	245	0	172	56	1,462	23.5
S. C	2,223	79	3.6	0	0	29	63	11	0	--
Ga	5,754	1,451	25.2	26	0	0	85	307	896	21.3
Fla	4,902	1,196	24.4	0	60	0	19	30	410	14.6
Ala	6,721	778	11.6	0	0	0	33	117	224	--
Miss	1,515	384	25.3	0	12	0	26	23	575	60.3
Tenn	9,271	1,076	11.6	12	0	0	129	62	1,754	26.5
La	3,173	219	6.9	0	0	0	10	17	291	13.6
Ark	1,943	56	2.9	0	0	0	15	13	6	1.1
Ohio	28,483	10,161	35.7	8	938	251	146	391	11,801	51.7
Ind	27,498	6,635	24.1	37	226	132	71	395	8,714	33.1
Ill	40,131	10,509	26.2	157	189	482	118	424	16,979	45.6
Mich	53,294	18,753	35.2	17	191	213	90	556	17,083	37.4
Wis	83,281	34,337	41.2	61	282	388	76	1,194	48,118	58.8
Minn	48,084	20,783	43.2	20	16	78	37	776	30,873	74.9
Iowa	38,665	16,495	42.7	0	123	313	86	508	18,922	52.5
Mo	17,867	5,050	28.3	0	29	48	166	158	4,587	27.4
N. Dak	1,113	566	50.9	0	0	0	5	21	558	44.9
S. Dak	2,977	262	8.8	0	12	17	0	7	337	26.0
Nebr	3,757	791	21.1	21	29	10	37	35	1,691	34.5
Kans	13,891	6,454	46.5	0	471	43	46	294	6,684	50.7
Okla	2,700	522	19.3	0	45	4	69	40	414	15.8
Texas	14,401	1,636	11.4	0	47	20	322	43	1,107	10.1
Mont	4,622	315	6.8	0	41	0	12	33	331	7.8
Idaho	9,277	2,462	26.5	0	49	0	28	47	2,903	33.0
Wyo	577	20	3.1	0	0	0	0	1	20	2.6
Nev	924	0	--	0	0	0	0	5	157	28.1
Utah	9,531	1,159	12.2	0	1	0	22	99	1,060	10.9
Colo	5,872	1,198	20.4	0	64	46	2	45	1,205	26.2
N. Mex	2,381	167	7.0	0	140	0	5	7	213	13.9
Ariz	12,031	406	3.4	0	6	0	0	20	978	9.6
Wash	29,947	11,782	39.3	0	63	13	138	304	14,334	49.9
Oreg	18,619	6,434	34.6	0	27	25	167	160	10,704	60.4
Calif	181,343	6,354	3.5	0	184	9	118	249	6,157	3.9
P. R	0	0	--	0	0	0	0	0	0	--
Hawaii	707	42	5.9	0	0	0	0	3	47	12.6
U. S	1,088,872	325,342	29.9	2,097	9,124	2,742	3,201	12,435	374,456	39.7

1/ Includes cows enrolled since January 1, 1950.
2/ Production records reported on BDI-718.
3/ Records returned to States because of inconsistent or incomplete data.

DHIA PROVED-SIRE RECORDS TABULATED IN SEPTEMBER 1950

Following is a list of 153 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in September 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 14 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
BANNER'S NIFTY BOY 73167	14 daughters	24	7,648	4.1	310
Born, 11-29-41; proved, 9-29-50; ; Ohio.	9 daughters	14	7,902	4.1	325
Sire, 50436; dam, 227585.	9 dams	24	8,762	4.0	353
Herd Owner, Frederick Zurbrugg, Beloit.	Difference	(2-5-3)	-860	+.1	-28
BEL-AYR TIME OUT 73300	9 daughters	12	7,763	3.9	302
Born, 11-20-42; proved, 9-28-50; ; Kans.	9 dams	24	8,707	3.8	334
Sire, 62097; dam, 220689.	Difference	(4-8-4)	-944	+.1	-32
Herd Owner, Robert L. Fox, Rozel.					
FOREST VU STAR JULIUS 74661	12 daughters	12	9,978	3.8	378
Born, 7-30-43; proved, 9-29-50; ; W. Va.	12 dams	35	8,077	4.0	322
Sire, 61693; dam, 195775.	Difference	(10-4-9)	+1,901	-.2	+56
Herd Owner, Ralph & J. Garrett Hunter, West Alexander, Pa.					
LETO DE PASCUA 74566	8 daughters	8	9,482	4.2	395
Born, 6-25-42; proved, 9-29-50; ; N. Y.	7 daughters	7	9,966	4.2	416
Sire, 66214; dam, 249233.	7 dams	16	9,362	3.9	366
Herd Owner, Frank Winkler, Middleburg.	Difference	(4-6-5)	+604	+.3	+50
NESHAMINY HIGH SCORE 73647	6 daughters	10	8,250	4.3	356
Born, 6-9-42; proved, 9-29-50; ; Md.	6 dams	21	10,761	4.4	472
Sire, 52000; dam, 190638.	Difference	(0-3-0)	-2,511	-.1	-116
Herd Owner, Mt. Felix Farm, Havre de Grace.					
PENN SPRING BART 75251	9 daughters	13	8,900	4.0	355
Born, 9-3-43; proved, 9-28-50; ; Pa.	7 daughters	10	9,331	4.0	371
Sire, 67174; dam, 254661.	7 dams	24	8,846	4.1	360
Herd Owner, Cocalico Farm, Stevens.	Difference	(6-4-6)	+485	-.1	+11
SILVER RUN EAGERNESS 72431	5 daughters	11	5,678	4.1	235
Born, 5-4-42; proved, 9-29-50; ; Md.	5 dams	11	6,569	4.5	293
Sire, 62282; dam, 203495.	Difference	(1-1-2)	-891	-.4	-58
Herd Owner, Seneca Ayrshire Farm, Boyds.					
WHITPAIN SUNNY LAD 75321	12 daughters	12	8,617	4.0	347
Born, 8-18-43; proved, 9-28-50; ; Pa.	7 daughters	7	7,861	4.1	320
Sire, 44209; dam, 120416.	7 dams	17	8,718	4.2	365
Used in Southeastern Pa. Co-op. A. B. A.	Difference	(2-4-2)	-857	-.1	-45
BROWN SWISS SIRES					
BETSY'S LEADER OF MEADOW VIEW 62731	10 daughters	11	12,283	3.9	475
Born, 7-14-43; proved, 9-15-50; ; Iowa.	7 daughters	8	12,282	3.8	467
Sire, 53292; dam, 63573.	7 dams	15	11,954	3.8	449
Herd Owner, Highland Home Farm, Breda.	Difference	(4-4-5)	+328	.0	+18
BLAKES PRAIRIE BUTTERCUP'S SON 63676	9 daughters	12	6,955	3.9	272
Born, 3-10-43; proved, 9-29-50; ; Wis.	8 daughters	11	7,004	3.9	276
Sire, 43175; dam, 84964.	8 dams	18	8,406	3.7	312
Herd Owner, Emil Bender, Woodman.	Difference	(2-7-2)	-1,402	+.2	-36
EVANSDALE ROYAL LAD 64132	7 daughters	8	10,269	4.2	432
Born, 10-8-42; proved, 9-18-50; ; Wis.	6 daughters	7	10,968	4.2	459
Sire, 45417; dam, 42883.	6 dams	34	11,046	4.1	452
Herd Owner, Evansdale Farm, Waukesha.	Difference	(3-3-3)	-78	+.1	+7
MAIDEN JANE GOODWILL 55258	6 daughters	7	10,235	3.8	391
Born, 3-1-42; proved, 9-18-50; dead ; Minn.	5 daughters	5	9,993	3.8	381
Sire, 42937; dam, 74162.	5 dams	26	8,921	3.8	342
Used in South Dakota Co-op. A. B. A., S. Dak.	Difference	(3-3-4)	+1,072	.0	+39
MARIE'S ROYAL OF LEE'S HILL 40405	8 daughters	17	11,038	3.9	436
Born, 12-23-37; proved, 9-21-50; ; Md.	5 daughters	8	11,328	4.1	461
Sire, 28594; dam, 46797.	5 dams	23	11,580	3.9	451
Herd Owner, Dr. E. A. Coble, Easton.	Difference	(2-3-2)	-252	+.2	+10

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
MAYSELL'S COLORADO LAD 61020----------	9 daughters	12	10,100	4.0	400
Born, 5-10-41; proved, 9-15-50; dead ; Iowa.	5 daughters	8	10,628	3.9	409
Sire, 38503; dam, 52683.	5 dams----	10	9,606	4.0	380
Herd Owner, Eugene Tabor, Lamoni.	Difference-	(3-2-3)	+1,022	-.1	+29
MILDA'S ROYAL OF LEE'S HILL 55032--------	10 daughters	13	9,416	3.9	364
Born, 6-2-42; proved, 9-15-50; alive ; Ind.	5 daughters-	7	10,620	3.8	403
Sire, 28594; dam, 78466.	5 dams-----	17	10,991	4.0	442
Herd Owner, Richard A. Briggs, Geneva.	Difference--	(1-1-0)	-371	-.2	-39
MINA'S ROYAL OF FOREST FARMS 57284-----	13 daughters	15	9,492	4.1	392
Born, 3-25-42; proved. 9-18-50; ; Pa.	6 daughters-	8	9,516	4.2	398
Sire, 37565; dam, 62977.	6 dams-----	21	8,713	3.8	333
Herd Owner, Walter C. Henderson, Alexandria.	Difference--	(5-6-5)	+803	+.4	+65
MOLLY'S ROYAL OF VALLEYHURST 59486----	6 daughters	9	9,256	4.2	387
Born, 1-15-43; proved, 9-15-50; ; Iowa.	6 dams----	30	9,108	4.0	367
Sire, 48097; dam, 62189.	Difference-	(3-6-4)	+148	+.2	+20
Used in Douglas Co-op. A. B. A., Nebr.					
PEGGY'S ROYAL BOY OF PINE KNOLL 64817 -	5 daughters	5	6,665	4.3	288
Born, 3-11-43; proved, 9-12-50; ; Iowa.	5 dams----	9	6,250	4.1	254
Sire, 52853; dam, 38993.	Difference-	(3-4-3)	+415	+.2	+34
Herd Owner, Charles Buehler, Walker.					
SHORE ACRES LADDIE 51019----------	16 daughters	26	10,145	3.9	393
Born, 6-2-40; proved, 9-18-50; ; Minn.	11 daughters	20	10,298	3.9	401
Sire, 37285; dam, 61848.	11 dams----	16	10,445	3.8	392
Herd Owner, William Fisher, Prior Lake.	Difference--	(6-8-7)	-147	+.1	+9
TWO KNOLLS PRETTY BOY 67928----------	6 daughters	6	11,428	3.9	442
Born, 6-26-44; proved, 9-18-50; alive; Minn.	6 dams----	11	9,340	3.8	352
Sire, 51523; dam, 100998.	Difference-	(5-5-5)	+2,088	+.1	+90
Herd Owner, William N. Kessler, Albertville.					
VERNA'S MAIDEN BOY 52860----------	20 daughters	25	12,072	4.2	511
Born, 10-26-41; proved, 9-18-50; ; Wis.	15 daughters	18	12,902	4.2	544
Sire, 42937; dam, 82884.	15 dams----	44	10,405	4.0	420
Herd Owner, Ostland Farms, Elkhorn.	Difference--	(10-12-12)	+2,497	+.2	+124
VERNA'S VICTORY OF ROSELAND 54819------	7 daughters	8	10,687	4.4	466
Born, 6-3-42; proved, 9-15-50; ; Ill.	7 dams----	28	11,284	4.0	446
Sire, 31302; dam, 46827.	Difference-	(3-5-3)	-597	+.4	+20
Herd Owner, John Buehler, Tremont.					
WALHALLA LIEUTENANT FILLPAIL 57197----	8 daughters	14	11,349	4.1	460
Born, 10-6-42; proved, 9-15-50; ; Ill.	7 daughters	13	11,303	4.1	458
Sire, 48175; dam, 46853.	7 dams----	14	9,632	4.1	393
Herd Owner, Henry Stuepfert, Jr., Van Orin.	Difference-	(5-3-5)	+1,671	.0	+65
GUERNSEY SIRES					
BAYVILLE ROSEMOUNT 282482----------	7 daughters	13	7,700	4.8	373
Born, 10-9-39; proved, 9-14-50; dead ; Va.	6 daughters	12	7,779	4.9	377
Sire, 136679; dam, 444250.	6 dams----	13	7,956	4.5	360
Herd Owner, Laurel Springs Dairy, Marion.	Difference-	(3-5-3)	-177	+.4	+17
BOURNEDALE LUCKY STRIKE 312760---------	11 daughters	14	8,778	4.9	431
Born, 10-3-41; proved, 9-19-50; ; Va.	7 daughters-	10	9,669	5.0	480
Sire, 263010; dam, 480667.	7 dams-----	9	8,576	4.5	387
Herd Owner, George W. Palmer, Green Bay.	Difference--	(4-6-6)	+1,093	+.5	+93
C. F.'S PRINCE CHARMING 283107----------	10 daughters	19	7,477	4.8	357
Born, 9-26-39; proved, 9-13-50; ; Pa.	5 daughters-	9	7,480	4.6	343
Sire, 200622; dam, 310494.	5 dams-----	14	7,054	4.6	322
Herd Owner, John B. Cook, Belle Vernon.	Difference--	(3-3-3)	+426	.0	+21
CLEARBROOK CHALLENGER 316808----------	12 daughters	22	8,436	4.9	417
Born, 11-10-41; proved, 9-14-50; ; Ill.	7 daughters-	10	8,802	5.1	445
Sire, 222706; dam, 516679.	7 dams-----	19	7,233	5.0	360
Herd Owner, Fin'n Feather Club, Dundee.	Difference--	(5-5-6)	+1,569	+.1	+85
CHURN CREEK'S DEMONSTRATOR 303068-----	9 daughters	12	7,639	4.9	376
Born, 1-8-41; proved, 9-14-50; dead; Del.	5 daughters	7	7,355	4.8	354
Sire, 260091; dam, 454935.	5 dams----	15	7,085	4.6	326
Used in Delaware Co-op. A. B. A., Inc.	Difference-	(3-5-4)	+270	+.2	+28
COLDSPRING'S HARDWICK'S IDEAL 320466----	6 daughters	8	10,142	4.8	491
Born, 4-1-42; proved, 9-29-50; ; Pa.	6 dams----	30	8,528	5.0	428
Sire, 207097; dam, 468552.	Difference-	(6-1-5)	+1,614	-.2	+63
Herd Owner, J. Ray Keiser, Milton.					
DUNWALKE MELODY 312202----------	11 daughters	17	6,595	5.3	351
Born, 9-15-41; proved, 9-14-50; ; Md.	6 daughters-	8	6,681	5.5	367
Sire, 257259; dam, 303329.	6 dams-----	19	7,799	5.4	419
Herd Owner, Tyconnel Farm, Knoxville.	Difference--	(0-4-1)	-1,118	+.1	-52

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
FAIRVIEW BUD 285004----------	18 daughters	20	6,933	4.8	335
Born, 8-28-39; proved, 9-19-50; ; Wis.	7 daughters-	7	6,468	4.8	310
Sire, 231392; dam, 541307.	7 dams-----	10	6,895	4.5	312
Herd Owner, Dwyer Bros. Farm, Kendall.	Difference--	(4-4-4)	-427	+.3	-2
FLYING HILL ROYAL MAJESTY 302961-------	7 daughters	12	7,069	5.3	372
Born, 1-14-41; proved, 9-14-50; ; Pa.	6 daughters	11	7,007	5.3	369
Sire, 223074; dam, 225336.	6 dams----	31	7,339	4.8	351
Herd Owner, Youndahl's Keystone Dairy, Brockport.	Difference-	(3-6-4)	-332	+.5	+18
FLYING HORSE KING'S BUDDY 322053---------	7 daughters	12	6,013	4.9	292
Born, 4-19-42; proved, 9-29-50; ; Maine.	5 daughters	9	5,833	4.9	285
Sire, 261222; dam, 614626.	5 dams----	9	6,102	4.3	264
Herd Owner, Eva & Owen Warren, Lisbon Falls.	Difference-	(3-5-3)	-269	+.6	+21
GARROD'S MAY ROSE OF ARLINGTON 286163--	7 daughters	9	7,904	5.0	399
Born, 11-6-39; proved, 9-19-50; ; Mich.	7 dams----	23	8,244	5.0	414
Sire, 260441; dam, 216710.	Difference-	(2-4-4)	-340	.0	-15
Herd Owner, William R. & Fred J. Garrod, Lawrence.					
GAYLORD'S VALMEAD 307079*13----------	21 daughters	31	7,502	4.7	350
Born, 1-17-41; proved, 9-15-50; ; Wis.	19 daughters	28	7,504	4.6	346
Sire, 219380; dam, 425524.	19 dams----	80	8,108	4.8	389
Used in Southeastern A. B. A., N. C.	Difference--	(7-8-5)	-604	-.2	-43
GAYOSO BETSY'S DAVE 276704----------	10 daughters	15	8,334	4.9	408
Born, 11-11-38; proved, 9-13-50; ; Ind.	7 daughters-	10	7,989	4.8	381
Sire, 193036; dam, 444614.	7 dams-----	8	8,236	4.6	377
Herd Owner, Mrs. Paul G. Moffett, Indianapolis.	Difference--	(4-5-4)	-247	+.2	+4
GOLDEN HARVEST CYCLOP 306925----------	9 daughters	17	8,002	4.9	392
Born, 8-19-41; proved, 9-14-50; ; Conn.	5 daughters	10	8,692	4.8	418
Sire, 270861; dam, 369810.	5 dams----	15	8,285	4.8	400
Herd Owner, William F. Fuller, Pleasant Valley.	Difference-	(4-3-4)	+407	.0	+18
KITE'S PRIMEVAL 320557----------	7 daughters	12	7,385	4.8	357
Born, 4-8-42; proved, 9-19-50; alive; N. C.	7 dams----	12	6,911	4.5	314
Sire, 214187; dam, 438315.	Difference-	(6-6-6)	+474	+.3	+43
Herd Owner, Crosby A. Dunn, Charlotte.					
LAKEWOOD CHALLENGER ALERT 320046-----	8 daughters	8	9,683	5.1	496
Born, 11-15-41; proved, 9-29-50; ; Ill.	8 dams----	16	7,822	5.0	391
Sire, 198651; dam, 523347.	Difference-	(5-6-6)	+1,861	+.1	+105
Herd Owner, Carl F. Frey, Gilman.					
LANGWATER AGAWAM 294225*14----------	25 daughters	56	8,849	4.7	420
Born, 5-7-40; proved, 9-15-50; ; Mass.	24 daughters	54	8,885	4.7	422
Sire, 252899; dam, 457751.	24 dams----	98	8,082	4.6	368
Used in Indiana A. B. A., Ind.	Difference--	(15-18-19)	+803	+.1	+54
LANGWATER PENNSYLVANIAN 328527---------	10 daughters	13	8,347	5.2	433
Born, 7-30-42; proved, 9-26-50; ; Pa.	6 daughters-	9	8,385	5.1	429
Sire, 259848; dam, 575508.	6 dams-----	15	9,465	4.8	451
Used in First Pennsylvania Co-op. A. B. A.	Difference--	(2-6-3)	-1,080	+.3	-22
LEASURE RUN BARR 306692----------	8 daughters	8	6,077	4.7	286
Born, 6-5-41; proved, 9-14-50; ; Pa.	5 daughters	5	5,330	4.7	249
Sire, 195421; dam, 486939.	5 dams----	5	7,770	4.8	374
Herd Owner, R. C. Lydick, Blairsville.	Difference-	(0-2-0)	-2,440	-.1	-125
LIBERTY STANDARD 283932----------	22 daughters	37	6,049	4.7	287
Born, 2-6-39; proved, 9-13-50; ; Wis.	5 daughters-	5	5,380	4.7	254
Sire, 234978; dam, 451831.	5 dams-----	7	8,083	4.8	386
Herd Owner, Carter Dietzman, Livingston.	Difference--	(0-3-0)	-2,703	-.1	-132
LINCOLN RIDGE ADVANCER 277057----------	10 daughters	22	7,542	4.8	364
Born, 2-18-39; proved, 9-13-50; ; Ohio.	6 daughters-	10	7,269	4.9	354
Sire, 220932; dam, 445526.	6 dams-----	15	7,581	4.5	343
Herd Owner, Ralph S. McCausland, Carrollton.	Difference--	(2-5-3)	-312	+.4	+11
MCDONALD FARMS GENERAL 311573---------	8 daughters	9	9,216	4.7	434
Born, 8-13-41; proved, 9-26-50; ; N. Y.	5 daughters	6	9,475	4.7	448
Sire, 212227; dam, 478147.	5 dams----	12	7,718	4.9	381
Herd Owner, Cornell University, Ithaca.	Difference-	(4-2-4)	+1,757	-.2	+67
MEADOW LODGE KING'S BEAU 340028*14-----	11 daughters	14	8,565	5.0	424
Born, 7-12-43; proved, 9-19-50; alive ; Mo.	10 daughters	13	8,667	4.9	426
Sire, 196128; dam, 558461.	10 dams----	23	8,066	5.0	406
Used in M. F. A. A. B. A.	Difference--	(5-5-4)	+601	-.1	+20
MILLS' LUCKY SEVEN 284449----------	6 daughters	11	5,645	5.6	317
Born, 11-14-39; proved, 9-19-50; ; Iowa.	5 daughters	10	5,699	5.6	320
Sire, 159167; dam, 536482.	5 dams----	18	6,884	5.1	350
Herd Owner, C. Don Mills & Son, Milford.	Difference-	(2-5-2)	-1,185	+.5	-30

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
NANCY'S DARIGOLD PEERLESS 284030--------	7 daughters	16	8,532	5.1	436
Born, 12-8-39; proved, 9-29-50; ; Idaho.	6 daughters	15	8,612	5.1	441
Sire, 253220; dam, 462744.	6 dams----	25	8,329	5.1	427
Herd Owner, S. E. Brookover, Boise.	Difference-	(4-4-4)	+283	.0	+14
NELAN'S GOVERNOR 286224----------	11 daughters	12	7,533	4.6	347
Born, 11-17-39; proved, 9-26-50; ; Pa.	7 daughters-	8	6,972	4.6	319
Sire, 254935; dam, 419433.	7 dams-----	19	7,338	4.4	326
Herd Owner, John B. Cook, Belle Vernon.	Difference--	(1-5-2)	-366	+.2	-7
OAKWOOD RANDOLT 329249----------	11 daughters	14	8,606	4.6	396
Born, 8-27-42; proved, 9-26-50; ; Pa.	6 daughters-	7	8,175	4.7	380
Sire, 282403; dam, 655930.	6 dams-----	16	8,633	4.6	393
Used in Nepa Co-op. A. B. A.	Difference--	(3-4-3)	-458	+.1	-13
PENSTATE JUNE'S HAROLD 312122----------	15 daughters	17	8,375	4.7	395
Born, 1-8-42; proved, 9-14-50; ; Pa.	11 daughters	12	8,545	4.7	400
Sire, 246072; dam, 455503.	11 dams----	24	8,961	4.6	413
Herd Owner, R. H. Pease, Tyrone.	Difference--	(3-7-4)	-416	+.1	-13
PHAROS BORDER MARSHALL 358386---------	9 daughters	10	6,632	5.1	338
Born, 5-4-44; proved, 9-14-50; alive ; Mass.	7 daughters	7	6,895	5.0	346
Sire, 198142; dam, 417438.	7 dams----	13	7,907	4.6	364
Herd Owner, Three "H" Farm, Leominster.	Difference-	(2-6-2)	-1,012	+.4	-18
PINEBROOK BRILLIANT 316939----------	6 daughters	6	9,093	4.4	398
Born, 3-31-42; proved, 9-14-50; ; Pa.	6 dams----	17	7,969	4.8	381
Sire, 275692; dam, 534261.	Difference-	(5-1-5)	+1,124	-.4	+17
Herd Owner, A.M.&. N.B. Watton, Chalfont.					
PINE MANOR SHEIK 306891----------	15 daughters	25	6,236	4.8	302
Born, 5-26-41; proved, 9-14-50; alive; Minn.	6 daughters-	9	6,664	5.0	331
Sire, 293561; dam, 389781.	6 dams-----	10	6,098	4.6	282
Herd Owner, Dr. A.A. Van Dyke, St. Paul.	Difference--	(4-6-4)	+566	+.4	+49
PRAIRIE VIEW'S KING VICTOR 281589--------	9 daughters	20	8,286	4.6	380
Born, 2-18-39; proved, 9-13-50; ; Iowa.	5 daughters	10	7,688	4.7	364
Sire, 245887; dam, 341689.	5 dams----	20	7,766	4.6	360
Used in Eastern Iowa A. B. A., Inc.	Difference-	(3-4-3)	-78	+.1	+4
QUAIL ROOST IDEAL HEIR 312311----------	6 daughters	6	8,667	4.4	378
Born, 10-15-41; proved, 9-14-50; ; Va.	6 dams----	27	6,977	5.1	356
Sire, 256205; dam, 597370.	Difference-	(5-0-4)	+1,690	-.7	+22
Herd Owner, Luck Brothers, Ashland.					
RIVEREDGE ALERT'S CANUTE 286530--------	7 daughters	9	6,707	4.9	327
Born, 1-9-40; proved, 9-19-50; ; Pa.	6 daughters	8	6,541	5.0	320
Sire, 236364; dam, 474838.	6 dams----	8	7,019	4.9	341
Herd Owner, Paul & Gladys Greenawalt, Brookville.	Difference-	(2-3-1)	-478	+.1	-21
ROSEBUD'S V-I-C OF HOP YARD 278831------	10 daughters	12	6,368	5.2	329
Born, 9-24-39; proved, 9-13-50; dead; Va.	5 daughters-	5	6,439	4.9	317
Sire, 211877; dam, 428867.	5 dams-----	11	7,244	4.8	349
Herd Owner, Hop Yard Farm, Fredericksburg.	Difference--	(1-4-1)	-805	+.1	-32
ROYAL'S GILBERT OF RIVERSIDE 313181-----	10 daughters	16	6,092	5.3	324
Born, 9-8-41; proved, 9-26-50; ; Minn.	6 daughters-	8	5,346	5.5	294
Sire, 268229; dam, 211359.	6 dams-----	18	7,277	4.7	345
Herd Owner. Rueben Kuusinen, Hibbing.	Difference--	(0-5-1)	-1,931	+.8	-51
RUNNYMEDE SHEIK 313089----------	6 daughters	6	7,343	4.4	326
Born, 2-18-42; proved, 9-14-50; ; Pa.	5 daughters	5	7,217	4.4	321
Sire, 252900; dam, 541423.	5 dams----	9	6,540	4.7	308
Herd Owner, George P. Evans, Hellam.	Difference-	(3-1-2)	+677	-.3	+13
SADDIE'S NOBLE LAD 306467----------	8 daughters	12	7,128	4.9	347
Born, 4-7-41; proved, 9-14-50; ; Pa.	5 daughters	7	6,847	5.0	345
Sire, 239446; dam, 492085.	5 dams----	10	7,868	5.1	401
Herd Owner, Blanche A. Swope, Harrisonville.	Difference-	(1-2-0)	-1,021	-.1	-56
SPAR HILL PANSY'S DUKE 285840----------	9 daughters	14	7,577	5.3	402
Born, 12-7-39; proved, 9-19-50; ; Pa.	6 daughters	8	7,605	5.3	406
Sire, 249489; dam, 542885.	6 dams----	14	8,809	4.7	413
Herd Owner, J. Elmer Harper, Shirleysburg.	Difference-	(0-4-2)	-1,204	+.6	-7
SYLVIA'S GRANDEUR 279863----------	9 daughters	22	7,176	5.1	366
Born, 5-24-39; proved, 9-13-50; ; Wis.	6 daughters	14	7,149	5.1	368
Sire, 189889; dam, 301847.	6 dams----	22	7,741	4.9	380
Herd Owner, Martin N. Rockman, Barron.	Difference-	(1-5-2)	-592	+.2	-12
TAMARACK OF PRIMROSE 273947----------	13 daughters	16	6,933	4.8	335
Born, 11-26-38; proved, 9-13-50; dead; Mo.	5 daughters-	5	7,358	4.7	348
Sire, 216826; dam, 348325.	5 dams-----	12	6,579	4.8	318
Herd Owner, Ben W. & F.M. Zinnert, Kahoka.	Difference--	(4-3-4)	+779	-.1	+30

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
VICTOR'S JOLLY BUOY 284240----------	21 daughters	35	8,090	4.8	387
Born, 7-24-39; proved, 9-19-50; ; N. Y.	6 daughters-	8	9,221	4.7	434
Sire, 215520; dam, 351398.	6 dams-----	8	8,058	4.6	368
Herd Owner, Lerson Lawn Farm, Auburn.	Difference--	(4-5-5)	+1,163	+.1	+66
WESTERN GLOW GOVERNOR 307651----------	11 daughters	14	8,906	4.5	401
Born, 6-14-41; proved, 9-14-50; ; Oreg.	8 daughters-	11	8,973	4.4	397
Sire, 274206; dam, 600650.	8 dams-----	11	8,100	4.6	373
Herd Owner, G.O. Selander & Sons, Sherwood.	Difference--	(5-3-5)	+873	-.2	+24
WOODY NOOK SLOGAN'S REVELLER 306092---	18 daughters	25	7,664	4.6	350
Born, 2-24-41; proved, 9-14-50; ; Wis.	10 daughters	15	7,381	4.7	346
Sire, 166129; dam, 469518.	10 dams----	20	6,285	4.8	302
Herd Owner, Ray McNeeley, Medford.	Difference--	(7-4-8)	+1,096	-.1	+44
HOLSTEIN SIRES					
ASHLAND STAR KNIGHT 875343----------	10 daughters	13	12,654	3.4	436
Born, 6-10-42; proved, 9-21-50; ; N. Y.	8 daughters-	10	12,639	3.5	447
Sire, 729309; dam, 1760369.	8 dams-----	19	12,179	3.5	424
Herd Owner, William Ashford, Lyons.	Difference--	(4-5-5)	+460	.0	+23
BADGER POSCH ORMSBY MODEL DELL 869067----------	11 daughters	14	11,446	3.4	394
Born, 1-1-43; proved, 9-14-50; ; Ill.	6 daughters-	9	12,224	3.5	430
Sire, 816450; dam, 1975529.	6 dams-----	7	8,883	3.7	324
Herd Owner, Dillon & Steadry, Harvard.	Difference--	(6-2-5)	+3,341	-.2	+106
BAKER FARM DUNWOOD NILES 885454-------	7 daughters	8	9,808	3.6	354
Born, 6-17-43; proved, 9-20-50; ; N. H.	7 dams----	17	9,674	3.7	361
Sire, 812226; dam, 1795962.	Difference-	(4-4-3)	+134	-.1	-7
Herd Owner, Frank Hartshorn & Co., Milford.					
BAKER FARM HELBON MASTERPIECE 859781--	10 daughters	14	11,622	3.6	418
Born, 8-26-42; proved, 9-20-50; ; N. Y.	6 daughters-	8	12,567	3.6	447
Sire, 125999 CHB; dam, 2304726.	6 dams-----	12	11,485	3.7	426
Herd Owner, Cornell University, Ithaca.	Difference--	(4-3-3)	+1,082	-.1	+21
CARNATION DE KOL IMPERIAL DEFENDER 886828----------	6 daughters	7	15,104	3.8	574
Born, 9-5-43; proved, 9-29-50; ; Ill.	5 daughters	6	15,600	3.9	601
Sire, 698462; dam, 1771810.	5 dams----	9	13,267	3.8	505
Herd Owner, Illinois Masonic Home, Sullivan.	Difference-	(5-3-5)	+2,333	+.1	+96
CARNATION EXCELLENCE 743690*12----------	70 daughters	107	10,974	3.4	377
Born, 1-10-37; proved, 9-13-50; dead; Minn.	36 daughters	55	11,327	3.4	389
Sire, 677084; dam, 1512352.	36 dams----	112	11,160	3.4	377
Used in Minn. Valley & Southern Minn. A.B.A's.	Difference--	(22-24-24)	+167	.0	+12
CARNATION MASTERPIECE RENOWN (TWIN) 886817----------	8 daughters	9	12,165	3.4	415
Born, 7-29-43; proved, 9-29-50; ; Ariz.	8 dams----	35	12,659	3.4	431
Sire, 771562; dam, 1664439	Difference-	(3-6-4)	-494	.0	-16
Herd Owner, C. L. Vizcaya & Sons, Glendale.					
COLONY VALE SIR ROMEO 14TH 869311------	9 daughters	12	13,567	3.5	471
Born, 1-23-42; proved, 9-19-50; dead ; Ariz.	8 daughters	11	13,196	3.4	450
Sire, 124858; dam, 223313.	8 dams----	38	13,701	3.0	408
Herd Owner, Ariz. State Teachers College, Tempe.	Difference-	(4-8-4)	-505	+.4	+42
CREATOR PRILLY HENGERVELD 869150------	6 daughters	9	10,033	3.7	371
Born, 8-27-42; proved, 9-14-50; ; Pa.	6 dams----	20	10,540	3.6	374
Sire, 768523; dam, 1707495.	Difference-	(2-4-3)	-507	+.1	-3
Herd Owner, Hofmeister Bros., Monongahela.					
DON KEYES ORMSBY MIMIR 786919*12--------	11 daughters	18	12,020	3.7	442
Born, 8-30-39; proved, 9-14-50; ; N. Y.	9 daughters-	14	12,274	3.7	454
Sire, 643579; dam, 1671927.	9 dams-----	39	12,429	3.5	440
Used in Southeastern A. B. A., N. C.	Difference--	(5-7-6)	-155	+.2	+14
DUNLOGGIN X JOHANNA 856660----------	6 daughters	13	11,267	3.6	403
Born, 8-1-42; proved, 9-19-50; ; N. J.	5 daughters	10	11,249	3.6	407
Sire, 793004; dam, 1797051.	5 dams----	16	10,280	3.6	366
Herd Owner, S. B. Hendershot, Lafayette.	Difference-	(2-3-2)	+969	.0	+41
ELMWOOD ADMIRAL JULE FOBES 854053*13--	20 daughters	41	12,241	3.9	472
Born, 12-12-41; proved, 9-20-50; dead; Wis.	18 daughters	38	12,273	3.8	471
Sire, 789081; dam, 2041863.	18 dams----	65	12,004	3.7	441
Used in Southeastern A. B. A., N. C.	Difference--	(8-12-13)	+269	+.1	+30
EMMONS FARMS WOODDALE 868251----------	5 daughters	7	12,829	3.3	425
Born, 12-20-42; proved, 9-19-50; ; Mich.	5 dams----	21	13,028	3.5	457
Sire, 688260; dam, 1926009.	Difference-	(3-1-1)	-199	-.2	-32
Herd Owner, Lester Quimby & Kenneth Johnson, Quincy.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
FAYNE ORMSBY RANGER 867907----------	6 daughters	6	7,507	3.4	257
Born, 1-4-43; proved, 9-19-50; ; Wis.	6 dams----	12	9,241	3.4	315
Sire, 813659; dam, 2090540.	Difference-	(1-3-1)	-1,734	.0	-58
Herd Owner, Dr. A. W. Kozelka, Two Rivers.					
GENODALE PAUL GERBEN JOCKO 855351*14--	89 daughters	115	11,761	3.5	416
Born, 3-30-42; proved, 9-22-50; ; N. Y.	61 daughters	80	11,694	3.6	417
Sire, 680074; dam, 1999032.	61 dams----	163	11,537	3.5	406
Used in New York Co-op. A. B. A., Inc.	Difference--	(31-35-31)	+157	+.1	+11
GREEN LINE DE KOL DESIGN 867533---------	11 daughters	11	10,024	3.5	350
Born, 3-14-43; proved, 9-14-50; ; Wis.	7 daughters-	7	10,169	3.4	350
Sire, 819286; dam, 1945766.	7 dams-----	10	8,797	3.4	299
Herd Owner, Oscar Hanson & C. O. Gilmore, Woodford.	Difference--	(5-5-7)	+1,372	.0	+51
HAWTHORN DICTATOR SENOR 856693---------	10 daughters	12	13,093	3.6	467
Born, 6-25-42; proved, 9-19-50; ; Ill.	6 daughters-	7	12,291	3.7	450
Sire, 759581; dam, 1925064.	6 dams-----	12	9,923	3.4	338
Herd Owner, Marti & Krusemark, Frankfort.	Difference--	(5-4-6)	+2,368	+.3	+112
HILL-SON G-MAN SUCCESSOR 870902---------	9 daughters	14	8,274	3.4	285
Born, 9-28-42; proved, 9-21-50; ; Mass.	7 daughters	11	8,194	3.5	285
Sire, 725522; dam, 1818953.	7 dams----	17	10,052	3.5	348
Herd Owner, W. F. Mears & Son, Haverhill.	Difference-	(0-4-0)	-1,858	.0	-63
HOMESTEAD REAR ADMIRAL POSCH 777495*12----------	33 daughters	67	12,451	3.6	450
Born, 2-26-39; proved, 9-29-50; dead; Conn.	22 daughters	49	12,593	3.7	463
Sire, 522060; dam, 1683720.	22 dams----	84	10,703	3.7	393
Used in Connecticut A. B. A., Inc.	Difference--	(14-12-15)	+1,890	.0	+70
IDAHO SOLOMON DUKE 886118----------	6 daughters	8	13,317	3.5	467
Born, 4-17-43; proved, 9-29-50; ; Idaho.	5 daughters	7	13,289	3.5	467
Sire, 787755; dam, 1523569.	5 dams----	11	12,866	3.5	452
Herd Owner, Irvin Ehlers, Twin Falls.	Difference-	(2-3-3)	+423	.0	+15
KANOWA SUPREME MAN-O-WAR SEGIS 867766----------	7 daughters	8	16,701	3.4	564
Born, 8-17-42; proved, 9-28-50; ; Calif.	7 dams----	20	12,241	3.5	424
Sire, 729900; dam, 2109185.	Difference-	(7-4-7)	+4,460	-.1	+140
Herd Owner, Allen Johnson, Oakdale.					
K G O P FRIEND RUE PAUL HERO-WATSON TWN (TWIN) 886638----------	8 daughters	9	10,191	3.8	392
Born, 1-2-43; proved, 9-29-50; ; Kans.	5 daughters	5	10,571	3.8	404
Sire, 650650; dam, 2001214.	5 dams----	10	12,685	3.7	465
Used in Eastern Oklahoma A. B. A., Okla.	Difference-	(1-3-1)	-2,114	+.1	-61
KING BESS PIETERTJE MERCEDES 864208----	6 daughters	10	8,979	3.3	294
Born, 4-11-42; proved, 9-19-50; ; Wis.	5 daughters	8	8,673	3.3	284
Sire, 759357; dam, 1986873.	5 dams----	11	9,188	3.2	296
Herd Owner, Costello Farm, Randolph.	Difference-	(2-3-2)	-515	+.1	-12
KING ORMSBY SEGIS PLUS 5TH 867254--------	5 daughters	9	9,999	3.5	351
Born, 12-18-42; proved, 9-26-50; ; Wis.	5 dams----	27	10,757	3.5	372
Sire, 745888; dam, 2037785.	Difference-	(2-4-1)	-758	.0	-21
Herd Owner, Blackmore Bros., Campbellsport.					
MAPLE YARD PIETERTJE SEGIS 874868------	13 daughters	19	12,656	3.5	444
Born, 12-6-42; proved, 9-22-50; ; N. Y.	7 daughters-	10	12,859	3.4	442
Sire, 782058; dam, 1879810.	7 dams-----	13	12,627	3.2	403
Herd Owner, D. Schuyler Crosby, Sprakers.	Difference--	(3-7-5)	+232	+.2	+39
MARLDALE ROYAL CHIEF 867309----------	8 daughters	15	9,866	3.3	323
Born, 3-28-42; proved, 9-26-50; ; Mich.	5 daughters	8	9,798	3.4	333
Sire, 142081; dam, 333776.	5 dams----	18	11,236	3.1	346
Herd Owner, William Kidd & Sons, Utica.	Difference-	(1-5-2)	-1,438	+.3	-13
MASTER MEDORA PROSPECT 874606---------	10 daughters	15	13,758	3.5	479
Born, 10-17-42; proved, 9-21-50; ; N. Y.	10 dams----	27	13,820	3.6	501
Sire, 738104; dam, 1850012.	Difference--	(5-4-4)	-62	-.1	-22
Herd Owner, Elmer Marshfield, Marcellus.					
MEISEGEIER FEMCO SEELEY 868806---------	6 daughters	7	12,563	3.6	446
Born, 12-14-42; proved, 9-14-50; ; Ohio.	6 dams----	14	10,389	3.3	339
Sire, 693386; dam, 1799208.	Difference-	(5-5-5)	+2,174	+.3	+107
Herd Owner, Jay Estey & Herman Deaton, Troy.					
MERCER HOLLY MERCEDES BONNY FOBES 886677----------	7 daughters	10	10,776	3.5	378
Born, 4-12-43; proved, 9-29-50; ; Wis.	5 daughters	8	9,714	3.6	354
Sire, 758857; dam, 2189369.	5 dams----	9	9,105	3.3	303
Herd Owner, E. H. Zobel & R. Benz, Green Lake	Difference-	(3-5-4)	+609	+.3	+51
MILBRUEK MODEL CHIEF FOBES 868941-----	9 daughters	16	12,726	3.4	436
Born, 7-26-42; proved, 9-15-50; ; Pa.	6 daughters	10	11,846	3.5	414
Sire, 792696; dam, 2021564.	6 dams----	18	11,274	3.4	387
Herd Owner, I. Kline Confer, Salona.	Difference-	(4-4-4)	+572	+.1	+27

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
N J E S CONQUEROR GINNY LEIGH 854060*14-	31 daughters	41	12,945	3.7	485
Born, 5-20-42; proved, 9-13-50; alive; Wis.	28 daughters	37	13,033	3.8	489
Sire, 673525; dam, 1934770.	28 dams----	108	12,836	3.6	461
Used in Cooperative A. B. A. #1, Inc., N. J.	Difference--	(16-22-18)	+197	+.2	+28
NOEL CORPORAL DE VRIES 859625----------	13 daughters	14	14,529	3.4	501
Born, 4-7-42; proved, 9-19-50; ; N. Y.	11 daughters	11	14,951	3.5	519
Sire, 859622; dam, 1457273.	11 dams----	39	14,094	3.5	488
Herd Owner, Fay Hodge, Ames.	Difference--	(7-7-7)	+857	.0	+31
ORMSBY CORNUCOPIA PIEBE FOBES 886745--	6 daughters	10	11,655	3.6	419
Born, 11-22-42; proved, 9-29-50; ; Iowa.	6 dams----	19	13,217	3.6	475
Sire, 731137; dam, 1916027.	Difference-	(2-3-2)	-1,562	.0	-56
Herd Owner, Ernest M. Wright, Waterloo.					
ORMSBY PABST RIGHTO 881391----------	9 daughters	14	10,430	3.4	359
Born, 11-26-42; proved, 9-20-50; ; Wis.	7 daughters	12	10,675	3.4	364
Sire, 143553 CHB; dam, 2355429.	7 dams----	19	11,547	3.4	392
Herd Owner, B. J. Gillmore & Sons, Bristol.	Difference-	(3-5-1)	-972	.0	-28
OSBORNDALE VICTOR ORMSBY FOBES 867302-	13 daughters	16	12,550	3.6	454
Born, 7-10-42; proved, 9-26-50; ; Conn.	11 daughters	13	12,500	3.6	455
Sire, 786937; dam, 1532274.	11 dams----	31	13,018	3.3	424
Herd Owner, Dr. W. D. MacKay, Salisbury.	Difference--	(3-10-7)	-518	+.3	+31
PEWAUKEE SIR INKA DANDY HEILO 859747---	12 daughters	13	11,100	3.4	381
Born, 9-19-42; proved, 9-14-50; ; Wis.	8 daughters-	8	11,479	3.5	398
Sire, 793757; dam, 1883509.	8 dams-----	17	12,784	3.6	459
Herd Owner, Waukesha County Farm & Asylum, Waukesha.	Difference--	(0-5-0)	-1,305	-.1	-61
POLK JANNEK INKA PONTIAC 867421---------	7 daughters	10	12,587	3.4	433
Born, 10-24-42; proved, 9-28-50; ; Pa.	6 daughters	9	12,545	3.4	428
Sire, 804697; dam, 2167378.	6 dams----	20	14,167	3.4	478
Herd Owner, Laurelton State Village, Laurelton.	Difference-	(2-5-3)	-1,622	.0	-50
RAG APPLE BEAUTY CAPTOR 865569--------	7 daughters	8	11,884	3.3	388
Born, 11-29-42; proved, 9-14-50; ; Wis.	7 dams----	27	10,952	3.7	402
Sire, 772605; dam, 2196384.	Difference-	(5-0-2)	+932	-.4	-14
Herd Owner, Harry F. Weaver Est., Elkhorn.					
R M F DON INKA DIRECT 875027----------	12 daughters	18	9,540	3.3	318
Born, 1-28-43; proved, 9-20-50; ; N. Y.	7 daughters-	11	9,996	3.3	329
Sire, 797602; dam, 1659299.	7 dams-----	10	10,222	3.5	353
Herd Owner, Andrew Eldredge & Son, Sharon Springs.	Difference--	(3-2-2)	-226	-.2	-24
ROSAVEN ROMEO LA VATA PRINCE 860116---	11 daughters	15	12,386	3.3	408
Born, 12-24-41; proved, 9-26-50; ; Wash.	9 daughters-	11	11,853	3.3	391
Sire, 132636 CHB; dam, 323910 CHB.	9 dams-----	30	11,719	3.4	394
Herd Owner, Ed Dahlstedt, Burlington.	Difference--	(3-4-4)	+134	-.1	-3
ROSNI LETITIA KING 885629*13----------	11 daughters	16	14,383	3.4	495
Born, 8-17-42; proved, 9-21-50; alive ; Va.	10 daughters	15	14,352	3.5	496
Sire, 666739; dam, 2020480.	10 dams----	28	12,678	3.5	438
Used in Virginia A. B. A.	Difference--	(9-5-9)	+1,674	.0	+58
SILVERLEA KING ORMSBY POSCH 804071 *11--	27 daughters	65	12,824	3.6	459
Born, 12-15-39; proved, 9-21-50; dead ; Mich.	24 daughters	57	12,914	3.6	462
Sire, 704308; dam, 1760927.	24 dams----	78	14,580	3.4	493
Used in Indiana A. B. A., Ind.	Difference--	(8-18-11)	-1,666	+.2	-31
SIR HARK BURK PIEB GERB COLAN ONA 867458----------	7 daughters	8	10,375	3.5	366
Born, 9-5-42; proved, 9-28-50; alive; N. Y.	6 daughters	7	10,605	3.6	381
Sire, 660575; dam, 2020523.	6 dams----	14	9,915	3.5	350
Herd Owner, William Chandler, Almond.	Difference-	(4-3-4)	+690	+.1	+31
SIR ORMSBY FAYNE BURKE FOBES 856876----	11 daughters	13	13,158	3.3	437
Born, 2-22-42; proved, 9-19-50; ; Wis.	10 daughters	12	12,986	3.3	431
Sire, 828698; dam, 2010308.	10 dams----	43	12,331	3.4	422
Herd Owner, Ray Garbisch, Random Lake.	Difference--	(6-4-7)	+655	-.1	+9
SIR PORTAGE FOBES PRIDE 866277*13-------	14 daughters	27	13,016	3.7	475
Born, 11-8-42; proved, 9-13-50; ; Iowa.	13 daughters	25	13,096	3.7	481
Sire, 798226; dam, 1804631.	13 dams----	44	12,555	3.6	455
Used in Indiana A. B. A., Ind.	Difference--	(10-7-10)	+541	+.1	+26
SIR PREMIER VEEMAN 867448----------	14 daughters	26	10,320	3.4	350
Born, 12-27-41; proved, 9-28-50; ; Wis.	5 daughters-	10	8,970	3.2	288
Sire, 696922; dam, 1647396.	5 dams-----	10	10,758	3.3	356
Herd Owner, Kenneth Katzman, Elkhorn.	Difference--	(2-2-0)	-1,788	-.1	-68
TRI-CHIEF-GERBEN-COLA PRIDE PIEBE 859031*13----------	29 daughters	45	12,124	3.8	465
Born, 5-10-42; proved, 9-21-50; alive; Del.	21 daughters	31	12,864	3.8	492
Sire, 738441; dam, 2058691.	21 dams----	64	11,730	3.7	438
Used in Delaware Co-op. A. B. A., Inc.	Difference--	(15-11-16)	+1,134	+.1	+54

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
VAN HOOSEN K B O P 509 842876*13----------	12 daughters	23	13,713	3.6	492
Born, 12-5-41; proved, 9-22-50; ; Mich.	8 daughters-	13	13,201	3.6	471
Sire, 652274; dam, 1886136.	8 dams-----	12	10,962	3.6	394
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)	Difference--	(8-4-7)	+2,239	.0	+77
WAIT FARM M O J BUTTER BOY 875446-------	14 daughters	20	12,088	3.7	447
Born, 1-12-43; proved, 9-22-50; ; N. Y.	9 daughters-	13	11,980	3.6	436
Sire, 738678; dam, 1541958.	9 dams-----	17	11,573	3.4	398
Herd Owner, Robert G. Rutherford, Hammond.	Difference--	(6-9-7)	+407	+.2	+38
WAIT FARM REGAL BARON 868340----------	11 daughters	14	11,264	3.4	383
Born, 10-21-42; proved, 9-21-50; ; N. Y.	10 daughters	13	11,226	3.4	381
Sire, 699445; dam, 1928243.	10 dams----	18	12,493	3.4	427
Herd Owner, Monford S. Kelsey & Son, Canastota.	Difference--	(3-7-3)	-1,267	.0	-46
WEARY RIVER VALDESSA GOVERNOR 867753*14----------	35 daughters	37	14,048	3.9	542
Born, 6-15-42; proved, 9-13-50; ; Calif.	32 daughters	34	13,996	3.9	541
Sire, 706791; dam, 1639678.	32 dams----	53	12,222	3.8	460
Used in San Pasqual A. B. A., Inc.	Difference--	(25-17-28)	+1,774	+.1	+81
WIS SENSATION PONTIAC PRIDE 867794------	9 daughters	11	10,032	3.2	319
Born, 1-11-43; proved, 9-19-50; ; Wis.	9 dams----	24	9,546	3.4	320
Sire, 816887; dam, 2115773.	Difference-	(5-3-5)	+486	-.2	-1
Herd Owner, William Dumman, Algoma.					
WOODYVALE SEGIS DIXIE KING 886164-------	5 daughters	7	16,309	3.2	525
Born, 3-17-43; proved, 9-29-50; ; Mich.	5 dams----	14	13,054	3.4	448
Sire, 811414; dam, 2099856.	Difference-	(5-2-4)	+3,255	-.2	+77
Herd Owner, Dr. A. L. Arnold, Jr., Owosso.					
JERSEY SIRES					
ALDERWOLD OXFORD DON 421239----------	8 daughters	11	7,655	5.9	448
Born, 3-10-41; proved, 9-29-50; ; Oreg.	8 dams----	26	8,489	5.1	435
Sire, 364113; dam, 890019.	Difference-	(3-7-5)	-834	+.8	+13
Herd Owner, Warner C. Waite, Cushman.					
ANNETTE'S PROGRESSOR 409606----------	6 daughters	11	6,838	5.7	386
Born, 1-12-40; proved, 9-26-50; ; Pa.	5 daughters	10	6,808	5.5	377
Sire, 375665; dam, 1135976.	5 dams----	18	8,653	5.2	453
Herd Owner, George W. Hazen, Conneaut Lake.	Difference-	(1-4-1)	-1,845	+.3	-76
BEAUTY NOBLE DESIGN 449615*14----------	10 daughters	18	9,950	5.4	536
Born, 11-26-42; proved, 9-26-50; ; Ill.	10 dams----	35	8,105	5.3	427
Sire, 389977; dam, 963657.	Difference--	(9-7-9)	+1,845	+.1	+109
Used in Southern Illinois A. B. A.					
BETTY'S NOBLE DOUBLE RALEIGH 425466---	11 daughters	14	5,930	5.3	315
Born, 11-14-40; proved, 9-29-50; ; Wis.	9 daughters-	11	5,596	5.3	298
Sire, 394109; dam, 1215559.	9 dams-----	36	6,046	5.4	325
Herd Owner, Louis Wiegand, Cleveland.	Difference--	(2-5-4)	-450	-.1	-27
BLONDE GILSLAND BOY 413660----------	10 daughters	12	5,973	5.2	312
Born, 4-5-40; proved, 9-21-50; ; Maine.	5 daughters-	5	5,777	5.1	294
Sire, 389130; dam, 1043223.	5 dams-----	8	7,726	4.7	363
Herd Owner, Ernest Flanders, Dover-Foxcroft.	Difference--	(1-5-1)	-1,949	+.4	-69
BLONDE VOL. DRACONIS LAD 465898--------	6 daughters	6	8,572	5.6	482
Born, 3-20-44; proved, 9-29-50; ; Mo.	5 daughters	5	8,587	5.6	481
Sire, 429391; dam, 1253430.	5 dams----	9	7,450	4.8	360
Herd Owner, E. J. Brauer & Son, Versailles.	Difference-	(3-5-5)	+1,137	+.8	+121
BRAMPTON PINNACLE HIGH SON 440663*14--	21 daughters	29	7,419	5.5	405
Born, 5-22-42; proved, 9-26-50; ; Mo.	9 daughters-	12	7,681	5.5	421
Sire, 100201 CJCC; dam, 1364413.	9 dams-----	14	7,022	5.3	372
Used in M. F. A. A. B. A.	Difference--	(3-6-5)	+659	+.2	+49
CORNISHMAN SONNY BOY 420728----------	9 daughters	13	6,466	4.7	301
Born, 1-29-41; proved, 9-29-50; ; Ohio.	7 daughters	10	6,230	4.5	282
Sire, 400622; dam, 1149558.	7 dams----	20	6,764	5.1	345
Herd Owner, Fred S. Schrock, Worthington.	Difference-	(3-1-2)	-534	-.6	-63
DESIGN PRIMATE SYBIL 412335----------	6 daughters	12	7,049	5.1	362
Born, 12-10-39; proved, 9-26-50; ; Iowa.	5 daughters	10	7,080	5.1	362
Sire, 395718; dam, 1195617.	5 dams----	16	8,358	5.2	435
Herd Owner, Robert, Edith & Jeanette Hagerman, Marion.	Difference-	(0-2-1)	-1,278	-.1	-73
DIMPLE DESIGN OBSERVER 411962----------	10 daughters	17	7,279	5.0	364
Born, 11-5-39; proved, 9-26-50; ; Iowa.	8 daughters-	13	7,508	5.0	374
Sire, 383309; dam, 1118295.	8 dams-----	21	7,965	5.2	410
Herd Owner, C. E. Nicklin & Son, Selma.	Difference--	(2-2-3)	-457	-.2	-36

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
DOUBTFUL BASIL 464951	6 daughters	9	7,243	5.3	385
Born, 1-26-44; proved, 9-29-50; ; Wash.	6 daughters	6	7,530	5.2	392
Sire, 102835 CJCC; dam, 122425 CJCC.	6 dams----	13	7,303	5.3	391
Used in Evergreen A. B. A.	Difference-	(4-4-4)	+227	-.1	+1
DREAMING SOREL SULTAN 410123	6 daughters	10	5,698	5.3	301
Born, 5-18-39; proved, 9-14-50; ; N. Y.	5 daughters	9	5,772	5.5	316
Sire, 276360; dam, 899516.	5 dams----	19	6,934	5.3	371
Herd Owner, Dan Bly, Corning.	Difference-	(1-4-1)	-1,162	+.2	-55
FAUVIC TRISTRAM LADDIE 415760	20 daughters	35	7,196	5.3	380
Born, 3-30-39; proved, 9-21-50; ; Oreg.	7 daughters-	9	7,070	5.4	381
Sire, 335140; dam, 1140286.	7 dams-----	13	7,744	4.9	379
Herd Owner, Don Gray, Sumner.	Difference--	(2-6-3)	-674	+.5	+2
FAVORITE DUKE BIG STANDARD 454144*14	10 daughters	16	8,887	5.5	490
Born, 10-16-42; proved, 9-13-50; alive; Mass.	10 dams----	21	8,386	5.2	491
Sire, 403143; dam, 1225014.	Difference--	(4-8-5)	-499	+.3	-1
Used in Massachusetts A. B. A., Inc.					
FAWN DAWN DESIGN BOB 419442	19 daughters	33	8,748	5.3	460
Born, 1-3-41; proved, 9-29-50; ; Ill.	7 daughters-	11	8,845	5.2	464
Sire, 380365; dam, 1199080.	7 dams-----	21	7,372	5.0	369
Herd Owner, Arthur F. Miller, Union.	Difference--	(5-5-6)	+1,473	+.2	+95
GALINTHIA SIGNALLER 464266	13 daughters	27	7,528	5.3	396
Born, 4-17-42; proved, 9-19-50; ; Oreg.	8 daughters-	14	7,524	5.3	402
Sire, 92052 CJCC; dam, 104526 CJCC.	8 dams-----	22	8,269	5.1	422
Herd Owner, Frank Fundum & Family, Dayton.	Difference--	(3-6-4)	-745	+.2	-20
GAME POGIS VICTOR 440931*13	18 daughters	33	8,534	5.3	449
Born, 7-7-40; proved, 9-29-50; dead; Md.	17 daughters	31	8,511	5.3	448
Sire, 306164; dam, 950148.	17 dams----	94	8,019	5.3	423
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.)	Difference--	(9-11-10)	+492	.0	+25
GIANT GOLDMOST 404667*14	21 daughters	43	8,256	5.3	441
Born, 10-26-38; proved, 9-18-50; ; Mich.	19 daughters	41	8,312	5.4	448
Sire, 338021; dam, 1107248.	19 dams----	61	8,043	5.4	435
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.)	Difference--	(9-10-12)	+269	.0	+13
I. S. TRINITY VICTOR 426625	8 daughters	10	8,844	5.6	495
Born, 4-8-40; proved, 9-29-50; ; Md.	7 daughters	8	8,757	5.7	497
Sire, 355635; dam, 1163882.	7 dams----	38	8,330	5.3	445
Herd Owner, Indian Spring Farm, Darlington.	Difference-	(4-6-5)	+427	+.4	+52
JOLLY PROGRESS RULER OWL 425949	18 daughters	24	6,007	5.0	298
Born, 3-8-41; proved, 9-29-50; ; Tex.	9 daughters-	12	5,600	5.0	282
Sire, 359338; dam, 1024361.	9 dams-----	12	6,113	5.0	307
Herd Owner, Rosenberg Farms, La Grange.	Difference--	(5-4-5)	-513	.0	-25
LILAC COURIER BOY 412443*14	23 daughters	39	7,907	5.4	426
Born, 9-22-39; proved, 9-28-50; ; Wis.	15 daughters	23	8,218	5.4	441
Sire, 390373; dam, 1359609.	15 dams----	28	8,306	5.1	427
Used in Dairy Genetics Co., Inc., Iowa. (A. B. A.).	Difference--	(9-11-11)	-88	+.3	+14
LILAC REMUS TRIUMPH 403239*12	21 daughters	50	8,596	5.3	459
Born, 6-13-39; proved, 9-20-50; ; N. J.	21 dams----	127	7,956	5.7	454
Sire, 328497; dam, 961119.	Difference--	(16-5-11)	+640	-.4	+5
Used in Indiana A. B. A., Ind.					
LINDELL GALINTHIA'S AIM 415347	15 daughters	22	6,977	4.8	335
Born, 2-7-38; proved, 9-21-50; ; Oreg.	5 daughters-	9	7,587	4.9	372
Sire, 92056 CJCC; dam, 92101 CJCC.	5 dams-----	13	8,321	4.8	396
Herd Owner, R. W. Williams & Family, Lafayette.	Difference--	(2-4-3)	-734	+.1	-24
OAKLANDS MIDNIGHT OBSERVER 480790	5 daughters	5	6,096	5.0	305
Born, 2-22-44; proved, 9-19-50; ; Tex.	5 dams----	14	8,055	5.2	423
Sire, 419886; dam, 1171821.	Difference-	(1-0-1)	-1,959	-.2	-118
Herd Owner, A. L. Berry, Amherst.					
OXFORDIA NELL'S SPEARHEAD 418178	8 daughters	24	8,524	5.4	464
Born, 2-21-40; proved, 9-21-50; ; Ill.	5 daughters	14	8,888	5.4	477
Sire, 375322; dam, 1076150.	5 dams----	20	9,930	5.2	516
Herd Owner, Louis Timm & Son, Chebanse.	Difference-	(2-3-3)	-1,042	+.2	-39
SONNY DON OF ALDERWOLD 418429	33 daughters	51	8,202	5.4	443
Born, 2-28-40; proved, 9-19-50; ; Oreg.	6 daughters-	9	8,491	5.5	471
Sire, 364113; dam, 890017.	6 dams-----	16	8,992	5.4	484
Herd Owner, W. Ed. Porterfield, Ada.	Difference--	(1-4-3)	-501	+.1	-13
SOPHIE PAYMASTER MONARCH 417502	13 daughters	13	7,466	5.4	405
Born, 4-15-40; proved, 9-21-50; ; Ohio.	9 daughters-	9	7,760	5.3	409
Sire, 270923; dam, 858942.	9 dams-----	20	10,474	4.7	495
Herd Owner, A. B. Hildreth, Sunbury.	Difference--	(0-8-0)	-2,714	+.6	-86

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
STANDARD FAUVIC ACTOR 433946*14	18 daughters	30	7,778	5.4	417
Born, 12-7-41; proved, 9-28-50; ; Idaho.	11 daughters	19	7,253	5.5	401
Sire, 376838; dam, 1174397.	11 dams	23	7,149	5.3	377
Used in Shamrock A. B. A.	Difference	(6-9-7)	+104	+.2	+24
STANDARD KING MAJOR 410190	22 daughters	37	8,165	5.4	445
Born, 6-27-38; proved, 9-14-50; ; Wash.	7 daughters	13	8,148	5.3	433
Sire, 389785; dam, 1129152.	7 dams	12	8,215	5.3	432
Herd Owner, Whittaker Bros., Centralia.	Difference	(4-3-2)	-67	.0	+1
TESS VIOLET FAIR OBSERVER 437857*13	11 daughters	19	8,203	5.3	434
Born, 1-15-42; proved, 9-13-50; ; Ill.	11 dams	29	7,630	5.2	394
Sire, 378562; dam, 1158954.	Difference	(7-8-8)	+573	+.1	+40
Used in Indiana A. B. A., Ind.					
VALIANT STANDARD CAPTAIN 409690	6 daughters	10	7,412	5.3	392
Born, 1-3-39; proved, 9-18-50; ; Vt.	5 daughters	9	7,598	5.2	396
Sire, 393139; dam, 1251450.	5 dams	20	7,072	4.9	346
Used in Vermont Co-op. A. B. A., Inc.	Difference	(3-4-4)	+526	+.3	+50
MILKING SHORTHORN SIRES					
NORTHLYND JEAN'S SILVER RAY 2185257	14 daughters	18	6,113	3.9	240
Born, 1-21-43; proved, 9-29-50; ; Mo.	9 daughters	12	6,438	3.9	252
Sire, 230061 CHB; dam, 246571 CHB.	9 dams	11	7,697	4.1	312
Herd Owner, J. Henry Alt, Sedalia.	Difference	(3-4-1)	-1,259	-.2	-60
OAKREST CLANSMAN 2048753	9 daughters	9	7,903	3.9	310
Born, 10-15-40; proved, 9-29-50; ; Minn.	6 daughters	6	7,524	4.0	299
Sire, 1958949; dam, 1939948.	6 dams	10	8,255	3.6	295
Herd Owner, Peter Brugman & Sons, Bingham Lake.	Difference	(0-5-4)	-731	+.4	+4

AMERICAN DAIRY CATTLE CLUB SIRES

DON KEYES ORMSBY MIMIR 1234
(This sire is also a registered Holstein "Don Keyes Ormsby Mimir 786919." Proved Sire data included in Holstein listing.)

GAME POGIS VICTOR 1081
(This sire is also a registered Jersey "Game Pogis Victor 440931." Proved Sire data included in Jersey listing.)

GENODALE PAUL GERBEN JOCKO 1046
(This sire is also a registered Holstein "Genodale Paul Gerben Jocko 855351." Proved Sire data included in Holstein listing.)

I. S. TRINITY VICTOR 1079
(This sire is also a registered Jersey "I. S. Trinity Victor 420628." Proved Sire data included in Jersey listing.)

LANGWATER AGAWAM 252
(This sire is also a registered Guernsey "Langwater Agawam 294225." Proved Sire data included in Guernsey listing.)

DAIRY HERD IMPROVEMENT ASSOCIATIONS

RECORD BOOK

Test the Cows — Select Cow Families — Prove the Bulls

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF DAIRY INDUSTRY
WASHINGTON, D. C.

Dairy-Herd-Improvement-Association-Letter Vol. 26, No. 11

November 1950

REGISTERED COWS IN DHIA HERDS

Approximately 37 percent of the cows on test in dairy-herd-improvement associations are registered, according to an estimate by the Bureau of Dairy Industry.

In a recent survey, State extension dairymen were asked to report by breeds the number of registered cows (with registration papers) in dairy-herd-improvement-association herds. The State reports were compiled by the Bureau and used as a basis for estimating the number of registered cows in DHIA herds as of January 1, 1950.

In 10 States, 50 percent or more of the cows in DHIA herds are registered. They are:

Ohio	62.5	New Hampshire	54.9
North Dakota	59.1	Pennsylvania	54.2
Kansas	57.8	Delaware	54.1
Massachusetts	56.9	Indiana	51.5
New York	55.0	Maine	50.2

In Minnesota, Iowa, Missouri, Wisconsin, Illinois, Indiana, Ohio, Michigan, Pennsylvania, and New York (where more than half of all DHIA cows are located) approximately 48 percent are registered.

The estimated numbers of registered cows are given by breed and by States in the table on the following page.

GPO—O—BDI 264

ESTIMATED NUMBER OF REGISTERED COWS IN DAIRY HERD-IMPROVEMENT ASSOCIATIONS, BY BREED, BY STATES - January 1, 1950

(Compiled from reports by State Extension Dairymen)

State	Ayrshire	Brown Swiss	Guernsey	Jersey	Holstein	Other breeds 1/	Total registered cows		Total cows on test
	Number	Number	Number	Number	Number	Number	Number	Percent	Number
Maine	452	30	1,356	1,225	1,898	80	5,041	50.2	10,041
N. H.	764	23	832	719	1,770	45	4,153	54.9	7,564
Vt	1,143	185	1,205	3,770	3,369	124	9,796	31.7	30,903
Mass	1,612	138	2,211	1,351	3,271	154	8,737	56.9	15,355
R. I. 2/	211	19	297	119	242	24	912	38.4	2,375
Conn 2/	1,087	169	1,822	480	946	85	4,589	32.5	14,121
N. Y.	7,792	1,319	4,795	4,076	47,953	--	65,935	55.0	119,882
Pa	2,913	618	11,650	4,943	27,450	265	47,839	54.2	88,263
N. J.	117	94	2,042	516	3,003	375	6,147	26.2	23,463
Md	1,383	97	2,572	1,141	4,683	146	10,022	41.3	24,266
Del	231	--	381	87	536	--	1,235	54.1	2,283
Va	197	79	6,414	1,377	4,722	865	13,654	34.7	39,348
W. Va	334	68	722	674	913	20	2,731	40.1	6,810
Ky	25	158	732	2,005	982	17	3,919	47.1	8,320
N. C.	252	--	2,092	807	1,025	--	4,176	49.7	8,403
S. C.	42	9	472	262	69	--	854	38.4	2,223
Ga	--	--	92	777	109	--	978	17.0	5,754
Fla	74	--	720	574	--	--	1,368	27.9	4,902
Ala	--	13	208	1,123	215	--	1,559	23.2	6,721
Miss 2/	--	--	74	250	17	--	341	22.5	1,515
Tenn	1	--	426	1,900	232	--	2,559	27.6	9,271
La 2/	--	--	29	882	250	--	1,161	36.6	3,173
Ark	41	12	136	435	181	27	832	42.8	1,943
Ohio	1,310	1,139	3,361	3,646	7,862	484	17,802	62.5	28,483
Ind 2/	577	825	2,722	2,640	7,012	385	14,161	51.5	27,498
Ill	321	2,207	3,451	2,408	10,836	562	19,785	49.3	40,131
Mich	480	1,119	4,956	3,304	13,323	640	23,822	44.7	53,294
Wis	583	2,165	8,411	1,083	20,904	250	33,396	40.1	83,281
Minn	240	1,154	2,452	1,250	9,136	866	15,098	31.4	48,084
Iowa	580	2,049	2,861	7,153	2,281	1,547	16,471	42.6	38,665
Mo	71	214	1,644	3,288	2,162	161	7,540	42.2	17,867
N. Dak	19	75	70	31	372	91	658	59.1	1,113
S. Dak	66	98	110	15	378	30	697	23.4	2,977
Nebr	49	124	334	53	845	286	1,691	45.0	3,757
Kans	1,264	445	903	1,056	3,347	1,014	8,029	57.8	13,891
Okla	49	46	194	297	548	86	1,220	45.2	2,700
Texas	72	158	504	2,664	490	58	3,946	27.4	14,401
Mont	5	18	166	134	319	130	772	16.7	4,622
Idaho	204	28	881	1,049	1,642	241	4,045	43.6	9,277
Wyo 2/	--	3	--	58	74	--	135	23.4	577
Nev	--	--	--	8	99	--	107	11.6	924
Utah 2/	38	--	305	715	1,277	--	2,335	24.5	9,531
Colo	176	205	423	206	1,151	158	2,319	39.5	5,872
N. Mex	--	--	179	45	469	--	693	29.1	2,381
Ariz	96	24	325	758	481	12	1,696	14.1	12,031
Wash 2/	180	90	1,827	2,485	2,246	30	6,858	22.9	29,947
Oreg	205	112	1,601	2,495	894	37	5,344	28.7	18,619
Calif	544	363	5,259	4,533	5,984	363	17,046	9.4	181,343
Hawaii	--	--	30	--	59	--	89	12.6	707
Total	25,800	15,692	84,249	70,867	198,027	9,658	404,293	37.1	1,088,872

1/ Reports indicated that most cows listed as "other" were Shorthorns.
2/ No reports received. Data estimated from reports in adjoining States.

DHIA PROVED-SIRE RECORDS TABULATED IN OCTOBER 1950

Following is a list of 204 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in October 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 14 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ATWOOD ORCHARDS IMPRESSIVE ACE 65709--9 daughters		10	6,985	4.2	293
Born, 12-6-40; proved, 10-12-50; ; N. Y.	6 daughters	7	7,290	4.2	307
Sire, 55013; dam, 191675.	6 dams----	6	8,037	3.8	308
Herd Owner, Moore Brothers, Canton.	Difference-	(3-5-3)	-747	+.4	-1
BENMORE DOONA WARMAN 63379----------14 daughters		18	8,150	4.1	334
Born, 1-13-40; proved, 10-18-50; ; Vt.	5 daughters-	5	8,416	4.0	338
Sire, 42422; dam, 151832.	5 dams-----	16	7,361	3.9	290
Herd Owner, Wayne Clark, Healdville.	Difference--	(5-3-5)	+1,055	+.1	+48
BILLY ALLWIN 65908----------10 daughters		15	8,847	4.4	388
Born, 9-30-40; proved, 10-12-50; ; N. Y.	6 daughters-	9	8,651	4.5	390
Sire, 55181; dam, 178522.	6 dams-----	19	8,959	4.3	381
Herd Owner, New York State Veterans Farms, Wilton.	Difference--	(3-5-3)	-308	+.2	+9
CAROLINA'S BRAE JERRY 62965---------- 8 daughters		17	8,822	4.2	366
Born, 1-25-35; proved, 10-27-50; ; N. C.	5 daughters	12	8,544	4.1	351
Sire, 38087; dam, 105142.	5 dams----	18	9,605	3.9	379
Herd Owner, Central Exp. Station, Raleigh.	Difference-	(1-4-2)	-1,061	+.2	-28
CARSTON'S LAD 62223----------9 daughters		14	8,362	4.4	366
Born, 4-6-38; proved, 10-9-50; dead ; N. Y.	8 daughters	13	7,966	4.4	353
Sire, 50335; dam, 155873.	8 dams----	46	7,644	4.1	317
Herd Owner, Wayne F. Foster, Cherry Creek.	Difference-	(5-7-6)	+322	+.3	+36
DAIRY'S LONE CEDAR TONY 65011----------11 daughters		27	8,061	4.2	335
Born, 8-10-40; proved, 10-12-50; ; N. Y.	6 daughters-	16	8,335	4.3	358
Sire, 50219; dam, 116967.	6 dams-----	16	9,049	4.0	359
Herd Owner, Raymond De Hart, Cortland.	Difference--	(1-6-4)	-714	+.3	-1
DON OF SUMMER HILL FARM 49693----------11 daughters		17	9,275	4.0	370
Born, 5-21-34; proved, 10-18-50; ; Pa.	9 daughters-	13	9,453	4.0	378
Sire, 34302; dam, 100150.	9 dams-----	24	8,733	3.9	342
Herd Owner, Baker & Van Skiver, Knoxville.	Difference--	(7-6-7)	+720	+.1	+36
DUMMERSTON JAMES MALCOLM 63764	7 daughters	10	8,262	4.2	347
Born, 3-31-40; proved, 10-12-50; ; Vt.	7 dams----	44	9,312	4.1	379
Sire, 59222; dam, 206436.	Difference-	(2-6-2)	-1,050	+.1	-32
Herd Owner, Robert K. Dow, Reading.					
FIELDSTONE PROSPECT 66278----------9 daughters		14	7,245	4.1	294
Born, 11-22-40; proved, 10-9-50; ; Md.	5 daughters	6	7,190	4.0	290
Sire, 49934; dam, 122242.	5 dams----	9	9,882	3.6	359
Herd Owner, Belden D. Patrick & Son, Woodbine.	Difference--	(0-5-0)	-2,692	+.4	-69
FILLMORE LEON 65547 ---------- 5 daughters		7	9,328	3.8	357
Born, 8-25-40; proved, 10-12-50; ; Vt.	5 dams----	24	8,771	3.9	341
Sire, 58732; dam, 137685.	Difference-	(3-3-4)	+557	-.1	+16
Herd Owner, Charles W. Cutler, Springfield.					
FILLMORE MOHAWK 66480---------- 6 daughters		9	8,345	4.2	351
Born, 2-17-41; proved, 10-18-50; ; Mass.	6 dams----	26	9,544	4.1	390
Sire, 53049; dam, 175702.	Difference-	(1-4-1)	-1,199	+.1	-39
Herd Owner, Nelson Farms, Methuen.					
FORT HILL TANJAX, IMP. 76344---------- 12 daughters		15	7,462	3.8	284
Born, 7-30-42; proved, 10-18-50; dead ; Mass.	11 daughters	13	7,485	3.8	286
Sire, 71176; dam, 239542.	11 dams----	35	6,753	4.2	281
Herd Owner, Fort Hill Farms, Amherst.	Difference--	(7-0-7)	+732	-.4	+5
HILLWOOD'S TOM 65759----------5 daughters		5	9,226	3.8	353
Born, 7-11-40; proved, 10-25-50; ; Vt.	5 dams----	9	8,476	4.1	345
Sire, 51239; dam, 144170.	Difference-	(4-2-2)	+750	-.3	+8
Herd Owner, Wayne C. Hager, Wallingford.					
LETO'S LAST MAN OF NEWARK 66679--------8 daughters		9	8,649	4.3	368
Born, 3-21-41; proved, 10-12-50; dead ; N. Y.	6 daughters	6	8,583	4.3	370
Sire, 43336; dam, 128506.	6 dams----	28	9,783	4.1	398
Herd Owner, Francis Foster, Prattsburg.	Difference-	(2-5-3)	-1,200	+.2	-28

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
LOYALMEADE BEST MAN 66514----------	15 daughters	19	6,691	4.4	293
Born, 10-6-40; proved, 10-9-50; dead ; Va.	5 daughters-	7	6,520	4.4	288
Sire, 54924; dam, 167003.	5 dams-----	10	6,998	4.2	293
Herd Owner, J. G. Myers, Broadway.	Difference--	(1-4-2)	-478	+.2	-5
OHIO TAHONA 61502----------	6 daughters	14	8,537	4.3	364
Born, 5-2-39; proved, 10-12-50; dead; Ohio.	5 daughters	11	8,480	4.3	364
Sire, 54152; dam, 167214.	5 dams----	10	7,667	3.7	287
Herd Owner, Mr. & Mrs. Kurt Krahling, Beloit.	Difference-	(5-5-5)	+813	+.6	+77
PENSHURST DOUBLE MAN 74296----------	9 daughters	10	9,564	4.3	412
Born, 1-14-43; proved, 10-5-50; ; N. Y.	9 dams----	42	10,006	4.0	398
Sire, 44209; dam, 236529.	Difference-	(4-7-5)	-442	+.3	+14
Herd Owner, Dr. Albert J. Tarr, Waterloo.					
STARROY'S TSAR 50420----------	7 daughters	14	6,598	4.2	280
Born, 1-25-35; proved, 10-18-50; ; Kans.	7 dams----	23	7,101	4.3	309
Sire, 45499; dam, 140160.	Difference-	(2-2-2)	-503	-.1	-29
Herd Owner, Ralph Bradley, Arkansas City.					
TALISMAN GOOD LUCK 60858----------	27 daughters	44	8,620	4.0	341
Born, 12-7-38; proved, 10-9-50; dead ; Mass.	7 daughters-	11	8,745	4.0	349
Sire, 54702; dam, 155588.	7 dams-----	11	9,570	4.0	385
Herd Owner, Edwin A. Wentworth, Amherst.	Difference--	(1-4-2)	-825	.0	-36
TOTHILL PAUL 66237----------	11 daughters	11	9,158	3.7	343
Born, 11-3-40; proved, 10-9-50; ; Vt.	10 daughters	10	9,264	3.7	347
Sire, 58862; dam, 165976.	10 dams----	24	8,494	3.7	315
Herd Owner, Roy Stafford, South Wallingford.	Difference--	(7-6-7)	+770	.0	+32
UTSAYANTHA FULL O'PEP 48776----------	5 daughters	7	8,644	4.3	373
Born, 10-13-33; proved, 10-18-50; ; N. Y.	5 dams----	5	9,936	3.8	382
Sire, 27785; dam, 52065.	Difference-	(2-5-3)	-1,292	+.5	-9
Herd Owner, Ralph Scott, Margaretville.					
VISTA GRANDE EMPIRE 73196----------	22 daughters	31	8,671	4.1	351
Born, 3-8-43; proved, 10-5-50; alive ; Kans.	14 daughters	19	8,875	4.0	355
Sire, 55678; dam, 197195.	14 dams----	28	8,808	3.9	347
Herd Owner, Harrison Unruh & Son, Hillsboro.	Difference--	(7-10-8)	+67	+.1	+8
WHITPAIN SUNNY MARSHALL 60819----------	7 daughters	14	8,716	4.0	350
Born, 2-7-39; proved, 10-9-50; dead ; Maine.	6 daughters	11	9,064	4.0	360
Sire, 44209; dam, 153992.	6 dams----	20	9,086	3.7	338
Herd Owner, University of Maine, Orono.	Difference-	(3-5-3)	-22	+.3	+22

BROWN SWISS SIRES

ALA'S ROYAL OF LEE'S HILL 37774----------	8 daughters	12	8,967	4.1	366
Born, 4-21-37; proved, 10-27-50; ; Wis.	5 daughters	8	8,110	4.2	342
Sire, 28594; dam, 46791.	5 dams----	14	10,062	4.2	424
Herd Owner, Theo J. Kurtz, Cedarburg.	Difference-	(1-4-1)	-1,952	.0	-82
AMBASSADOR ROY OF LILLY SWISS 64773-----	7 daughters	8	13,051	4.3	557
Born, 12-4-43; proved, 10-16-50; ; Minn.	7 dams----	27	10,714	3.9	422
Sire, 40112; dam, 68253.	Difference-	(6-6-6)	+2,337	+.4	+135
Herd Owner, Eugene & O. Lloyd Friton, Sleepy Eye.					
BARON'S LOU OF HILLSDALE 49626----------	6 daughters	12	11,081	4.1	456
Born, 4-29-40; proved, 10-12-50; ; Iowa.	5 daughters	11	10,720	4.1	436
Sire, 33080; dam, 65603.	5 dams----	16	11,108	3.9	437
Used in Northwest Iowa Co-op. A. B. A.	Difference-	(2-5-2)	-379	+.2	-1
BEAUTY'S ROYAL BOB 54251----------	10 daughters	14	8,226	4.2	349
Born, 5-23-41; proved, 10-25-50; ; N. Y.	6 daughters-	10	8,329	4.3	355
Sire, 40056; dam, 24270.	6 dams-----	10	9,181	4.3	398
Herd Owner, Lynn Newton, East Aurora.	Difference--	(3-3-2)	-852	.0	-43
BESS' BUTTERBOY BILL 50353----------	6 daughters	6	9,823	3.9	382
Born, 3-8-41; proved, 10-9-50; dead ; Ill.	6 dams----	18	9,175	3.6	329
Sire, 43019; dam, 65944.	Difference-	(5-5-4)	+648	+.3	+53
Herd Owner, John Schlappi, Winslow.					
BONNIE'S FERDNAND OF STANSWISS 58918*14-	15 daughters	34	9,910	4.1	410
Born, 3-7-39; proved, 10-12-50; ; N. Y.	15 dams----	82	10,358	4.1	424
Sire, 30157; dam, 103545.	Difference--	(6-8-7)	-448	.0	-14
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)					
CORNELL COLUMBUS FURY 52237----------	14 daughters	22	10,971	3.8	419
Born, 9-3-41; proved, 10-9-50; ; N. Y.	5 daughters-	7	10,663	3.9	412
Sire, 40111; dam, 74131.	5 dams-----	8	9,204	4.1	373
Herd Owner, Peter Klotzbuch, Corfu.	Difference--	(4-1-4)	+1,459	-.2	+39

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ELSIE A. COLLEGE KING OF WILLOW BROOK 40527	6 daughters	6	9,463	4.0	377
Born, 2-19-38; proved, 10-25-50; ; Ill.	5 daughters	5	9,237	4.0	366
Sire, 32874; dam, 58370.	5 dams	7	9,083	3.9	357
Herd Owner, Phil Van Meir, Sheffield.	Difference	(3-3-3)	+154	+.1	+9
FOREST FARMS MONITOR 47378	9 daughters	14	10,229	4.3	442
Born, 11-29-39; proved, 10-23-50; ; N. Y.	5 daughters	7	11,060	4.3	479
Sire, 38049; dam, 62977.	5 dams	5	8,588	4.1	349
Herd Owner, Charles Olsen, Jr., Salt Point.	Difference	(5-5-5)	+2,472	+.2	+130
FRIEND MARS 35685	8 daughters	10	9,311	4.1	382
Born, 3-3-36; proved, 10-9-50; ; Iowa.	8 dams	25	9,377	3.8	361
Sire, 29263; dam, 51150.	Difference	(4-6-5)	-66	+.3	+21
Herd Owner, K. B. Clark & Sons, Ames.					
ILLINI SYLVISY DESIGN 52473	6 daughters	7	8,363	4.2	353
Born, 11-5-41; proved, 10-24-50; ; Ill.	6 dams	15	12,533	4.2	521
Sire, 29090; dam, 30056.	Difference	(0-5-1)	-4,170	.0	-169
Herd Owner, Dan Gentes & Sons, Sibley.					
IVA'S ROYAL 32734	7 daughters	9	8,216	3.9	322
Born, 9-15-34; proved, 10-27-50; ; Wis.	5 daughters	6	7,738	4.0	308
Sire, 30652; dam, 28794.	5 dams	16	9,955	4.1	409
Herd Owner, Ostval Farms, Burlington.	Difference	(1-2-1)	-2,217	-.1	-101
JERRO OF SWISS VISTA FARM 50316	7 daughters	8	10,213	3.8	387
Born, 2-27-41; proved, 10-9-50; dead; Mich.	6 daughters	7	10,426	3.8	396
Sire, 32787; dam, 66754.	6 dams	15	9,365	4.0	376
Herd Owner, Felix Pingot, Pinconning.	Difference	(5-2-4)	+1,061	-.2	+20
JESSIE'S MASTER OF ELMHURST 38189	8 daughters	13	7,882	4.0	314
Born, 10-7-34; proved, 10-9-50; ; Minn.	5 daughters	9	7,012	3.9	271
Sire, 23632; dam, 34469.	5 dams	6	10,020	3.6	361
Herd Owner, Peter Frank, Caledonia.	Difference	(1-4-1)	-3,008	+.3	-90
JOY'S GLORY BOY 51966	8 daughters	13	8,490	3.9	328
Born, 10-1-41; proved, 10-24-50; ; Wis.	7 daughters	10	8,502	3.8	327
Sire, 46795; dam, 80880.	7 dams	16	8,116	3.9	316
Herd Owner, Carroll A. Gear, Plainfield.	Difference	(5-4-5)	+386	-.1	+11
LINDY OF GREENVILLE 42506	5 daughters	14	11,274	3.8	434
Born, 12-8-38; proved, 10-12-50; dead ; Ohio.	5 dams	15	10,094	3.8	388
Sire, 36294; dam, 68291.	Difference	(4-3-5)	+1,180	.0	+46
Herd Owner, St. Marys Novitiate, Burkettsville.					
LYD'S PEBBLEBROOK TORBELZ 72961	6 daughters	7	10,400	3.8	391
Born, 6-10-42; proved, 10-27-50; ; N.Y.	6 dams	14	9,061	4.3	349
Sire, 47761; dam, 144468.	Difference	(5-0-4)	+2,339	-.5	+42
Herd Owner, Gordon Dean, Ripley.					
MAIDEN'S BARBETTE J. B. 48946	7 daughters	16	11,956	4.1	487
Born, 12-20-40; proved, 10-13-50; alive ; Conn	5 daughters	13	11,925	4.1	483
Sire, 34504; dam, 66923.	5 dams	12	9,781	4.0	391
Herd Owner, Fair-Fa Farm, Litchfield.	Difference	(3-4-3)	+2,144	+.1	+92
NED OF MELROSE 36200	11 daughters	19	9,811	3.9	386
Born, 8-26-35; proved, 10-27-50; ; Wis.	8 daughters	15	10,210	4.0	406
Sire, 24463; dam, 24870.	8 dams	14	10,040	3.8	380
Herd Owner, Carl E. Lee, Milwaukee.	Difference	(4-6-4)	+170	+.2	+26
PAB'S GOLDEN ROD 40010	10 daughters	18	9,970	4.1	405
Born, 3-24-38; proved, 10-18-50; dead; Mich.	6 daughters	12	9,380	4.1	384
Sire, 35289; dam, 58324.	6 dams	8	8,926	4.3	383
Herd Owner, John F. Schleder & Sons, Ithaca.	Difference	(4-2-4)	+454	-.2	+1
PERKER'S DREAM BOY 51806	7 daughters	11	8,177	3.8	308
Born, 7-19-41; proved, 10-9-50; dead ; Mich.	7 dams	10	10,175	3.7	374
Sire, 38330; dam, 37612.	Difference	(1-6-2)	-1,998	+.1	-66
Herd Owner, M. Weiss & W. Parker, Erie.					
RITA'S BUTTERNUT BOY 44482	5 daughters	7	9,444	3.7	350
Born, 11-9-38; proved, 10-12-50; ; Wis.	5 dams	8	10,937	3.7	401
Sire, 34697; dam, 40580.	Difference	(0-4-0)	-1,493	.0	-51
Herd Owner, Fred Reuter, Middleton.					
SEDGELEY LINDA CARL 51999	7 daughters	16	9,859	4.0	392
Born, 1-11-41; proved, 10-24-50; ; Wis.	5 daughters	13	9,958	4.0	394
Sire, 35044; dam, 76161.	5 dams	14	8,543	3.7	317
Herd Owner, Downey Brothers, Superior.	Difference	(4-5-5)	+1,415	+.3	+77
SHOW MASTER OF SLEEPY MEADOWS 37671	6 daughters	19	8,711	4.0	345
Born, 6-18-37; proved, 10-27-50; ; Wash.	5 daughters	17	8,896	4.0	353
Sire, 31916; dam, 23503.	5 dams	12	10,235	3.8	394
Herd Owner, L. A. Burkhalter, Raymond.	Difference	(1-4-1)	-1,339	+.2	-41

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SWISS HEIGHTS COLONEL ROMEO 51060------	5 daughters	5	8,576	4.3	365
Born, 6-5-41; proved, 10-9-50; ; Pa.	5 dams----	7	11,068	3.9	431
Sire, 34914; dam, 70690.	Difference-	(2-5-2)	-2,492	+.4	-66
Herd Owner, Marvin E. Urmy, Coopersburg.					
THELMA'S KAISER 34572----------	10 daughters	10	6,669	4.1	274
Born, 5-1-35; proved, 10-27-50; ; Maine.	5 daughters-	5	6,703	4.1	272
Sire, 25759; dam, 25875.	5 dams-----	7	7,112	3.9	280
Herd Owner, Bert W. Paul, Solon.	Difference--	(2-3-3)	-409	+.2	-8
TOM'S VRONICKA'S COLLEGE KING 41156----	8 daughters	25	9,473	3.9	366
Born, 11-1-37; proved, 10-16-50; dead ; Ohio.	5 daughters	14	9,247	3.9	364
Sire, 21720; dam, 27598.	5 dams----	17	9,180	3.8	352
Herd Owner, Philip H. Cone, Loveland.	Difference-	(3-4-3)	+67	+.1	+12
WANDA'S NICK OF ROSELAND 52777----------	5 daughters	5	12,713	3.8	484
Born, 4-27-41; proved, 10-24-50; ; Ill.	5 dams----	28	13,735	3.6	500
Sire, 31302; dam, 70019.	Difference-	(3-5-3)	-1,022	+.2	-16
Herd Owner, Hieser Brothers Farm, Pekin.					
ZEPHYR OF FENLEA 3D 52017----------	12 daughters	21	8,461	4.1	350
Born, 10-19-41; proved, 10-24-50; ; Minn.	6 daughters-	10	8,424	4.1	347
Sire, 44583; dam, 87693.	6 dams-----	12	8,104	4.3	346
Herd Owner, James B. Johnson, Barrett.	Difference--	(5-3-4)	+320	-.2	+1

GUERNSEY SIRES

ARDELLA'S KING ARBOR 240064*8----------	29 daughters	49	6,721	5.1	343
Born, 11-20-35; proved, 10-4-50; ; Wis.	19 daughters	29	6,957	5.1	353
Sire, 175202; dam, 306919.	19 dams----	58	7,706	4.7	364
Used in Tri-State Co-op. A. B. A.	Difference--	(7-14-7)	-749	+.4	-11
ARLINGTON CHARM'S VAGABOND 305750-----	5 daughters	11	7,185	4.7	341
Born, 4-1-41; proved, 10-18-50; ; Pa.	5 dams----	13	7,548	4.5	337
Sire, 277579; dam, 630825.	Difference-	(2-5-3)	-363	+.2	+4
Herd Owner, G.A.Biggs, McConnellsburg.					
BAYVILLE MAXIM'S WARRIOR 317873 ---------	7 daughters	7	7,514	4.7	357
Born, 12-11-41; proved, 10-23-50; ; Va.	5 daughters	5	7,389	4.7	350
Sire, 282032; dam, 486654.	5 dams----	6	7,431	4.8	354
Used in Southeast Virginia A. B. A., Inc.	Difference-	(1-3-2)	-42	-.1	-4
BLAKEFORD WILMER 303094*14----------	18 daughters	27	7,774	4.5	347
Born, 5-4-41; proved, 10-4-50; dead ; Wis.	13 daughters	18	8,139	4.5	364
Sire, 206846; dam, 414141.	13 dams----	35	7,660	4.9	376
Used in University of Wisconsin (A. B. A.).	Difference--	(9-3-4)	+479	-.4	-12
BOURNEDALE ABE'S DANDY 317695----------	7 daughters	10	8,289	5.4	444
Born, 1-13-42; proved, 10-23-50; dead ; Ind.	5 daughters	7	8,211	5.5	451
Sire, 263010; dam, 518651.	5 dams----	11	8,165	5.4	437
Herd Owner, Dietrich Farms, Inc. & Daniel Germann, Bremen.	Difference-	(2-3-3)	+46	+.1	+14
CHUCKANUT HIGH BOY 304898----------	7 daughters	10	9,085	4.6	422
Born, 7-30-41; proved, 10-12-50; dead ; Idaho.	5 daughters	8	8,937	4.4	394
Sire, 293581; dam, 558554.	5 dams----	17	7,802	4.8	376
Herd Owner, S. E. Brookover, Boise.	Difference-	(4-0-3)	+1,135	-.4	+18
DAMIAN NODROG CORONET 316522----------	8 daughters	11	9,206	4.8	442
Born, 12-11-40; proved, 10-23-50; ; Pa.	6 daughters	8	8,811	4.8	423
Sire, 263554; dam, 463536.	6 dams----	13	6,724	4.8	322
Herd Owner, Grayce Farms, Dalton.	Difference-	(5-3-6)	+2,087	.0	+101
DEERSHORN SILVER COMET 322480----------	6 daughters	10	8,182	5.4	443
Born, 3-15-40; proved, 10-4-50; ; Vt.	5 daughters	9	8,023	5.3	428
Sire, 153439; dam, 457442.	5 dams----	14	9,718	5.1	495
Herd Owner, Merrett Chamberlin, Brattleboro.	Difference-	(0-4-1)	-1,695	+.2	-67
DIRECTOR OF PENN VILLA 218782*9----------	19 daughters	43	8,558	5.0	425
Born, 3-4-34; proved, 10-4-50; ; Iowa.	15 daughters	37	8,668	5.0	432
Sire, 146509; dam, 249153.	15 dams----	59	8,577	5.0	425
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)	Difference--	(10-6-8)	+91	.0	+7
DUNWALKE BUTTERFAT'S LADDIE 230851-----	6 daughters	6	6,667	5.0	331
Born, 11-14-35; proved, 10-23-50; ; Minn.	5 daughters	5	6,601	4.8	319
Sire, 104968; dam, 329405.	5 dams----	5	6,777	5.1	348
Herd Owner, Don Mar Farms, Lakeville.	Difference-	(2-1-2)	-176	-.3	-29
FENN HILL BUTTERFAT 299474*14----------	16 daughters	27	9,517	4.8	457
Born, 12-20-40; proved, 10-5-50; ; Conn.	11 daughters	18	9,651	4.9	472
Sire, 218621; dam, 574519.	11 dams----	36	9,636	4.7	454
Used in Massachusetts A.B.A., Inc., Mass.	Difference--	(5-7-7)	+15	+.2	+18

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
FRANCOIS' BELL'S BARNEY 277623----------	7 daughters	9	7,861	5.2	405
Born, 3-20-39; proved, 10-12-50; ; Ill.	6 daughters	8	7,807	5.1	401
Sire, 202245; dam, 444900.	6 dams----	14	6,860	5.0	343
Herd Owner, Harold Hartley, Centralia.	Difference-	(4-4-4)	+947	+.1	+58
GAYHEAD'S MONITOR 256081----------	8 daughters	8	9,393	4.7	439
Born, 2-17-37; proved, 10-24-50; ; Calif.	6 daughters	6	9,648	4.7	454
Sire, 196249; dam, 410789.	6 dams----	23	10,694	4.2	446
Herd Owner, Rivaldi Brothers, Lompoc.	Difference-	(4-6-4)	-1,046	+.5	+8
GAYOSO PROSPERITY 206335----------	8 daughters	12	8,195	4.5	372
Born, 10-19-32; proved, 10-23-50; ; N. C.	6 daughters	10	8,025	4.7	375
Sire, 194044; dam, 195206.	6 dams----	13	6,125	4.7	290
Herd Owner, B. W. Kolgore, Cary.	Difference-	(5-3-5)	+1,900	.0	+85
GOLDENDALE LAD'S BONNY BOY 328945------	13 daughters	25	7,752	4.8	374
Born, 9-6-42; proved, 10-13-50; alive; Idaho.	7 daughters-	10	7,861	5.0	392
Sire, 291479; dam, 528458.	7 dams-----	12	7,627	4.7	358
Herd Owner, R. M. Hawkes, Rupert.	Difference--	(5-4-5)	+234	+.3	+34
GRASSLAND VALLE MODEL 343639----------	5 daughters	5	8,492	4.4	375
Born, 11-25-43; proved, 10-16-50; dead ; Conn.	5 dams----	22	8,558	4.7	404
Sire, 213585; dam, 517687.	Difference-	(2-0-2)	-66	-.3	-29
Used in New York Co-op. A.B.A., Inc., N. Y.					
GREEN MEADS ACTOR 287346----------	23 daughters	28	8,130	4.6	373
Born, 7-29-39; proved, 10-3-50; alive ; Mass.	10 daughters	12	8,145	4.6	378
Sire, 216866; dam, 501928.	10 dams----	23	9,122	4.6	418
Herd Owner, Percy Musgrave, Jr., Stockbridge.	Difference--	(3-5-2)	-977	.0	-40
HILL GIRT NORSEMAN 317788----------	18 daughters	35	7,560	4.4	332
Born, 12-17-41; proved, 10-23-50; ; Pa.	6 daughters-	8	7,441	4.5	333
Sire, 251971; dam, 450992.	6 dams-----	38	9,124	4.7	429
Herd Owner, Clair H. Witmer, Willow Street.	Difference--	(2-1-0)	-1,683	-.2	-96
LANGWATER HILARIOUS 288591*14----------	18 daughters	27	9,973	4.5	452
Born, 1-18-40; proved, 10-23-50; ; Pa.	14 daughters	20	9,897	4.5	447
Sire, 259848; dam, 424727.	14 dams----	28	8,473	4.6	390
Herd Owner, Gardenville Farm, Gardenville.	Difference--	(9-7-8)	+1,424	-.1	+57
LANGWATER MICHAEL 305405----------	8 daughters	9	8,004	4.4	354
Born, 3-17-41; proved, 10-12-50; ; Minn.	7 daughters	8	7,961	4.4	354
Sire, 200171; dam, 353936.	7 dams----	12	9,010	4.7	421
Herd Owner, Spruce Shadows Farm, Minneapolis.	Difference-	(2-2-2)	-1,049	-.3	-67
LINWOOD'S SENTINEL 227790*9----------	38 daughters	72	6,977	4.9	343
Born, 2-2-35; proved, 10-3-50; ; Iowa.	25 daughters	44	6,868	4.9	334
Sire, 159463; dam, 179996.	25 dams----	59	7,334	4.6	337
Used in Tri-State Co-op. A. B. A., Wis.	Difference--	(9-19-14)	-466	+.3	-3
LYNBROOK ANITA'S RELIANCE 322050-------	24 daughters	32	7,535	4.8	359
Born, 9-16-39; proved, 10-5-50; dead ; N. Y.	11 daughters	16	7,981	4.9	392
Sire, 268373; dam, 453981.	11 dams----	11	7,310	4.6	337
Herd Owner, M. S. Van Campen, Ballston Lake.	Difference--	(8-10-9)	+671	+.3	+55
MCDONALD FARMS DARNALL 286542----------	10 daughters	17	8,458	5.0	425
Born, 9-21-38; proved, 10-24-50; ; Ind.	6 daughters-	11	8,168	5.0	412
Sire, 233983; dam, 523720.	6 dams-----	14	7,386	5.2	382
Herd Owner, Harry Mann, Oxford.	Difference--	(3-3-4)	+782	-.2	+30
MCDONALD FARMS FORESTER 311570--------	9 daughters	12	6,238	4.8	299
Born, 12-7-40; proved, 10-23-50; ; N. Y.	6 daughters	7	6,025	4.6	280
Sire, 212227; dam, 304791.	6 dams----	17	8,301	4.8	395
Herd Owner, Cornell University, Ithaca.	Difference-	(0-3-0)	-2,276	-.2	-115
MCDONALD FARMS GAY PRINCE 307811*14---	12 daughters	19	9,483	4.7	447
Born, 5-14-41; proved, 10-10-50; ; Mich.	9 daughters-	15	9,111	4.7	431
Sire, 212227; dam, 389686.	9 dams-----	33	9,649	4.6	443
Used in Indiana A. B. A., Ind.	Difference--	(4-6-3)	-538	+.1	-12
MEADOW LODGE REX'S CONQUEST 286455----	18 daughters	35	7,710	4.8	370
Born, 4-30-40; proved, 10-24-50; ; Mo.	6 daughters-	14	7,444	4.7	353
Sire, 159247; dam, 435968.	6 dams-----	11	6,764	4.4	294
Herd Owner, Norman D. Walker, Neosho.	Difference--	(4-5-5)	+680	+.3	+59
MONARCH'S CHALLENGER 245978*12----------	27 daughters	64	9,804	4.9	482
Born, 2-6-36; proved, 10-3-50; dead; Wis.	20 daughters	49	9,742	4.9	482
Sire, 152102; dam, 407945.	20 dams----	45	8,586	5.3	454
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)	Difference--	(15-7-13)	+1,156	-.4	+28
PATRICIAN PLAYBOY OF THE GLEN 285196--	9 daughters	14	7,963	4.9	391
Born, 3-27-40; proved, 10-24-50; ; Pa.	7 daughters	11	7,690	5.0	386
Sire, 252807; dam, 491964.	7 dams----	13	8,117	4.7	380
Herd Owner, Grayce Farms, Dalton.	Difference-	(4-7-4)	-427	+.3	+6

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
PINE MANOR ROYAL PARAGON 283950--------	7 daughters	10	8,318	4.8	397
Born, 6-29-39; proved, 10-23-50; alive; Ind.	5 daughters	5	8,407	4.7	395
Sire, 251754; dam, 522508.	5 dams----	11	7,280	4.8	348
Used in Northern Ohio Co-op. A.B.A., Ohio.	Difference-	(3-2-3)	+1,127	-.1	+47
RENOWN'S COMMANDO 321979----------	10 daughters	15	7,041	5.4	380
Born, 3-3-42; proved, 10-4-50; dead ; Wis.	9 daughters-	14	6,999	5.4	380
Sire, 276267; dam, 509933.	9 dams-----	22	6,460	5.2	334
Herd Owner, M. M. Marking, Cross Plains.	Difference--	(6-9-8)	+539	+.2	+46
RIDGLYDALE'S PRIDE 287984*11----------	21 daughters	41	9,433	4.8	454
Born, 3-10-40; proved, 10-23-50; ; Ill.	17 daughters	37	9,772	4.7	463
Sire, 243994; dam, 450917.	17 dams----	62	9,203	4.8	438
Used in Indiana A. B. A. , Ind.	Difference--	(10-11-9)	+569	-.1	+25
RIEGELDALE MCK ANTHONY 282802---------	19 daughters	31	7,524	4.9	367
Born, 8-5-38; proved, 10-16-50; ; Fla.	8 daughters-	14	7,549	4.8	363
Sire, 196594; dam, 445870.	8 dams-----	17	8,202	4.3	351
Herd Owner, Lakemont-Dairy, Inc., Winter Park.	Difference--	(2-8-5)	-653	+.5	+12
RIEGELDALE MELBA'S EMORY 254601*10----	29 daughters	48	7,906	5.3	421
Born, 8-20-37; proved, 10-13-50; alive ; Ga.	17 daughters	27	8,049	5.4	436
Sire, 194262; dam, 384421.	17 dams----	18	8,976	5.1	460
Herd Owner, Riegel Textile Corp., Trion.	Difference--	(7-13-8)	-927	+.3	-24
ROSE SPLENDOR 311122----------	5 daughters	5	8,212	4.9	405
Born, 11-16-41; proved, 10-23-50; ; Wis.	5 dams----	7	7,619	4.8	369
Sire, 271183; dam, 412194.	Difference-	(4-4-5)	+593	+.1	+36
Herd Owner, William Van Doorn, Tony.					
RUSSELL'S PIONEER OF DUNYERNIN 306099---	8 daughters	9	7,714	4.8	368
Born, 8-13-40; proved, 10-12-50; ; Pa.	5 daughters	6	7,955	4.7	371
Sire, 257005; dam, 475536.	5 dams----	13	6,803	5.2	351
Herd Owner, Mrs. Nancy M. Bay, Pylesville, Md.	Difference-	(4-1-3)	+1,152	-.5	+20
SHELDEGREN CORNELIUS 370115----------	5 daughters	5	8,643	5.1	440
Born, 12-24-44; proved, 10-10-50; alive; Mass.	5 dams----	13	7,439	5.2	385
Sire, 318786; dam, 486796.	Difference-	(5-3-5)	+1,204	-.1	+55
Herd Owner, Sheldegren Farm, Greenfield.					
SIR THOMAS LA NOCE 361043----------	6 daughters	6	7,929	5.3	420
Born, 6-25-44; proved, 10-10-50; alive ; Minn.	6 dams----	11	7,779	5.3	412
Sire, 284719; dam, 631585.	Difference-	(4-3-4)	+150	.0	+8
Herd Owner, Thomas Nichols, Milaca.					
SUPREME OF ALTA VISTA 352860----------	6 daughters	11	6,553	5.0	328
Born, 9-21-37; proved, 10-23-50; ; Ill.	6 dams----	13	8,820	4.8	419
Sire, 218367; dam, 356496.	Difference-	(0-5-1)	-2,267	+.2	-91
Herd Owner, Frantzen & Willet, Henry.					
TOMMY TUCKER 308658----------	12 daughters	13	7,973	4.6	364
Born, 10-22-41; proved, 10-5-50; ; Pa.	9 daughters-	9	8,035	4.6	367
Sire, 238456; dam, 373664.	9 dams-----	17	7,505	4.5	338
Used in Western Pennsylvania Co-op. A. B. A.	Difference--	(5-6-6)	+530	+.1	+29
UKULAH'S SENATOR OF GLEN ROY 227559----	8 daughters	23	7,216	4.8	346
Born, 4-28-32; proved, 10-27-50; ; Md.	5 daughters	15	7,414	4.7	348
Sire, 94448; dam, 220036.	5 dams----	13	8,135	4.6	370
Herd Owner, T. A. Mann, Randallstown.	Difference-	(1-3-1)	-721	+.1	-22
ULYSSES PRINCE MONARCH 216079*5--------	49 daughters	119	7,707	4.6	354
Born, 12-15-33; proved, 10-10-50; ; Iowa	41 daughters	99	7,737	4.6	353
Sire, 108839; dam, 362070.	41 dams----	159	6,916	4.8	335
Used in Tri-State Co-op. A. B. A., Wis.	Difference--	(27-10-25)	+821	-.2	+18
VANITY'S LADDIE OF E. L. 243382*10--------	37 daughters	123	6,736	5.0	335
Born, 6-18-36; proved, 10-12-50; ; Wis.	29 daughters	107	6,707	5.0	337
Sire, 146329; dam, 424977.	29 dams----	130	7,058	4.8	336
Used in Tri-State Co-op. A. B. A.	Difference--	(13-21-12)	-351	+.2	+1
WEBOTUCK PRINCAE 318425----------	9 daughters	15	8,469	4.6	390
Born, 3-1-42; proved, 10-12-50; ; Conn.	5 daughters	7	8,831	4.5	400
Sire, 262046; dam, 571426.	5 dams----	12	10,037	4.2	423
Used in Connecticut A. B. A., Inc.	Difference-	(1-4-2)	-1,206	+.3	-23

HOLSTEIN SIRES

ALBERTVILLE BURKE SNOWBALL ROY 808496*14----------	28 daughters	47	9,991	3.7	366
Born, 6-3-40; proved, 10-10-50; alive ; Wis.	16 daughters	25	10,060	3.7	373
Sire, 742522; dam, 1361950.	16 dams----	45	10,696	3.4	364
Used in Tri-State Co-op. A. B. A.	Difference--	(6-12-8)	-636	+.3	+9

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ASHCROFT MAN-O-WAR FOBES (TWIN) 771003*9----------	12 daughters	26	8,677	3.6	311
Born, 1-1-36; proved, 10-4-50; dead; Ill.	12 dams----	58	10,670	3.6	389
Sire, 672622; dam, 1586087.	Difference--	(1-5-1)	-1,993	.0	-78
Herd Owner, J. F. Greenwood, Springfield.					
BAKER FARM WALKER KRONSTAD 817044----	24 daughters	33	10,957	3.7	401
Born, 7-13-40; proved, 10-16-50; ; Conn.	10 daughters	14	11,233	3.6	406
Sire, 608348; dam, 1731825.	10 dams----	25	11,228	3.5	395
Used in Connecticut A. B. A., Inc.	Difference--	(7-6-5)	+5	+.1	+11
BIG ROCK GOVERNOR CORAL 4TH 874552-----	12 daughters	14	9,550	3.6	346
Born, 2-25-43; proved, 10-5-50; dead ; N. Y.	12 dams----	34	9,045	3.5	315
Sire, 826290; dam, 2030175.	Difference--	(6-8-6)	+505	+.1	+31
Herd Owner, Henry Bottle, Smithville Flats.					
BROOK LODGE KNIGHT CHAMPION 966311----	5 daughters	5	11,448	3.8	436
Born, 9-27-44; proved, 10-13-50; ; Md.	5 dams----	13	11,543	3.9	450
Sire, 820084; dam, 2147750.	Difference-	(1-2-2)	-95	-.1	-14
Herd Owner, Wooden & Harbaugh, Reisterstown.					
CARNATION MADCAP MAXIMUM 925394-------	7 daughters	7	12,320	3.5	434
Born, 8-1-44; proved, 10-12-50; ; Wis.	7 dams----	19	11,575	3.5	405
Sire, 620472; dam, 2023545.	Difference-	(5-3-4)	+745	.0	+29
Used in Piper Brothers Farm (A. B. A.).					
CLOVERLANDS MARGARET PRINCE 865111---	6 daughters	8	14,314	3.6	519
Born, 4-3-42; proved, 10-25-50; ; N. Y.	5 daughters	7	14,524	3.6	521
Sire, 695538; dam, 1809758.	5 dams----	14	13,206	3.6	469
Herd Owner, Raymond V. O. Du Bois, Gardiner.	Difference-	(3-3-3)	+1,318	.0	+52
CLYDE HILL HENGERVELD FOBES 874538----	13 daughters	15	12,564	3.6	448
Born, 1-22-43; proved, 10-4-50; dead ; Kans.	13 dams----	38	13,056	3.6	468
Sire, 664525; dam, 1765663	Difference--	(4-7-5)	-492	.0	-20
Herd Owner, H. A. Meier, Abilene.					
COLONY NETHERLAND PERFECTION 30TH 832250*14----------	34 daughters	56	11,033	3.5	383
Born, 4-14-41; proved, 10-12-50; dead; Wis.	29 daughters	47	11,109	3.5	390
Sire, 90161 CHB; dam, 319477 CHB.	29 dams----	93	11,054	3.6	395
Used in University of Wisconsin (A. B. A.).	Difference--	(14-16-14)	+55	-.1	-5
COLUMBIAN BELMONT OLLIE PABST 935219--	6 daughters	6	13,880	3.4	470
Born, 9-11-44; proved, 10-4-50; alive ; Wis.	5 daughters	5	13,757	3.4	469
Sire, 786035; dam, 2104300.	5 dams----	21	9,006	3.3	301
Herd Owner, Ernest Feller & Russel Wilcox, Iron Ridge.	Difference-	(5-3-5)	+4,751	+.1	+168
COUNT COLANTHA WALDORF ECHO 857564---	7 daughters	7	12,795	3.8	490
Born, 1-12-42; proved, 10-25-50; ; N. H.	5 daughters	5	13,127	3.8	504
Sire, 743310; dam, 1969787.	5 dams----	10	13,218	3.5	457
Herd Owner, Charles Leone, Hooksett.	Difference-	(2-5-4)	-91	+.3	+47
CRESTLYN HEILO ORMSBY MASTER 738767*8-	46 daughters	87	12,197	3.6	440
Born, 4-14-37; proved, 10-4-50; dead ; Mich.	35 daughters	70	12,297	3.6	448
Sire, 649401; dam, 1716266.	35 dams----	166	13,398	3.5	475
Used in Indiana A. B. A., Ind.	Difference--	(12-22-13)	-1,101	+.1	-27
DIX PRINCE FRIEND MERCEDES 860541-------	7 daughters	12	9,035	3.3	299
Born, 12-27-41; proved, 10-25-50; ; Wis.	6 daughters	10	9,062	3.2	292
Sire, 801208; dam, 1976303.	6 dams----	12	8,990	3.5	311
Herd Owner, Walter Jackson, Eau Claire.	Difference-	(4-2-2)	+72	-.3	-19
DUKE INKA RAG-HERO (TWIN) 859238*13-----	8 daughters-	15	12,879	3.7	482
Born, 1-21-42; proved, 10-3-50; ; N. Y.	8 dams-----	27	11,919	3.7	443
Sire, 565375; dam, 1590796.	Difference--	(6-6-6)	+ 960	.0	+39
Used in Northwestern Minn. A. B. A., Minn.					
ELLBANK ORMSBY ISA 866063*14----------	13 daughters	29	11,055	3.9	430
Born, 7-4-41; proved, 10-12-50; dead; N. Y.	12 daughters	26	10,815	3.9	423
Sire, 778853; dam, 1510849.	12 dams----	54	11,082	3.6	400
Used in Indiana A. B. A., Ind.	Difference--	(5-11-7)	-267	+.3	+23
ELLINGDALE TIDY LYONS PRIDE 779567*14--	21 daughters	38	14,171	3.5	503
Born, 11-21-38; proved, 10-4-50; dead ; Wis.	14 daughters	23	14,403	3.6	513
Sire, 714019; dam, 1257106.	14 dams----	32	12,907	3.6	459
Used in Southeastern A. B. A., N. C.	Difference--	(11-10-12)	+1,496	.0	+54
ELMWOOD ADMIRAL JACK 858890----------	8 daughters	16	7,884	3.8	296
Born, 8-15-41; proved, 10-5-50; ; Wis.	5 daughters	9	8,089	3.7	303
Sire, 757408; dam, 2243856.	5 dams----	10	10,013	3.3	334
Herd Owner, William Abitz, Medford.	Difference-	(1-5-2)	-1,924	+.4	-31
G C B PATHFINDER HILDA POSCH 944130-----	6 daughters	6	13,039	3.5	454
Born, 9-24-44; proved, 10-16-50; alive ; N. Y.	5 daughters	5	14,481	3.5	503
Sire, 836475; dam, 2203046.	5 dams----	16	14,186	3.4	482
Herd Owner, Baird Farms, Inc., Holcomb.	Difference-	(3-2-3)	+295	+.1	+21

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
HAMLET VIEW WAYNE SEGIS PONTIAC 959059	5 daughters	5	16,525	3.6	601
Born, 9-22-45; proved, 10-10-50; alive ; Minn.	5 dams	11	13,362	3.6	483
Sire, 703951; dam, 1844389.	Difference	(5-2-5)	+3,163	.0	+118
Herd Owner, Anton A. Resler, Owatonna.					
HORNERCREST WINTERTHUR MERCEDES 859686	10 daughters	14	12,038	3.6	428
Born, 2-12-42; proved, 10-23-50; ; N. Y.	8 daughters	11	11,803	3.5	418
Sire, 785632; dam, 2058537.	8 dams	18	10,498	3.6	380
Herd Owner, Smith B. Wilcox & Sons, Fulton.	Difference	(6-3-4)	+1,305	-.1	+38
HURLWOOD LIMESTONE KING 898470	14 daughters	16	10,677	3.7	393
Born, 10-12-41; proved, 10-18-50; ; Conn.	6 daughters	7	11,236	3.6	410
Sire, 710681; dam, 1995414.	6 dams	12	10,887	3.2	351
Used in Connecticut A. B. A., Inc.	Difference	(3-6-5)	+349	+.4	+59
IODET ORMSBY GERTRUDE COLAN 898622	6 daughters	7	11,307	3.9	439
Born, 9-5-43; proved, 10-10-50; ; Iowa.	6 dams	27	12,574	3.4	433
Sire, 772027; dam, 1913517.	Difference	(1-6-3)	-1,267	+.5	+6
Herd Owner, Arthur Gildner, Sumner.					
KING BESSIE PEARL BURKE 12TH 907703	5 daughters	6	12,636	3.6	450
Born, 4-26-43; proved, 10-25-50; ; Ind.	5 dams	13	9,953	3.4	342
Sire, 786419; dam, 2131102.	Difference	(4-4-5)	+2,683	+.2	+108
Herd Owner, Ronald Busse, Greensburg.					
LARRIETTA CARNATION JOE PIEK 921576	6 daughters	6	15,584	3.4	536
Born, 10-1-44; proved, 10-4-50; ; Wis.	5 daughters	5	15,289	3.5	532
Sire, 863763; dam, 2130526.	5 dams	26	14,236	3.4	489
Herd Owner, William Miller, Watertown.	Difference	(4-4-3)	+1,053	+.1	+43
MALLARY FARM MASTER FRANKLIN 859556	12 daughters	13	9,706	3.8	364
Born, 4-12-42; proved, 10-23-50; dead ; Mass.	5 daughters	6	10,458	3.7	389
Sire, 698518; dam, 2070429.	5 dams	10	9,901	3.4	337
Herd Owner, Smith School, Northampton.	Difference	(3-4-4)	+557	+.3	+52
MAN-O-WAR SADIE PONTIAC 898594	6 daughters	7	14,063	3.9	553
Born, 12-20-43; proved, 10-4-50; alive ; Minn.	5 daughters	6	14,116	4.0	561
Sire, 776306; dam, 2050192.	5 dams	5	14,935	3.5	525
Used in Minn. Valley & Southern Minn. A. B. A's.	Difference	(2-5-3)	-819	+.5	+36
MARSHALLMO BUS AAGGIE DE KOL 882141	11 daughters	13	11,645	3.6	420
Born, 5-22-42; proved, 10-4-50; dead ; Mo.	5 daughters	6	12,141	3.5	429
Sire, 757577; dam, 1374695.	5 dams	11	11,123	3.5	388
Herd Owner, Frank Curtis, Odessa.	Difference	(4-3-4)	+1,018	.0	+41
MEIERKORD POLKADOT TRIUNE SUPREME (TWIN) 765084*13	13 daughters	24	11,639	3.5	404
Born, 11-30-37; proved, 10-16-50; dead; Kans.	8 daughters	16	11,383	3.4	392
Sire, 600230; dam, 1263480.	8 dams	30	12,884	3.6	464
Herd Owner, E. B. Regier, Whitewater.	Difference	(2-3-1)	-1,501	-.2	-72
MEIERKORD SIR TRIUNE FANCY 789861*12	25 daughters	48	10,688	3.3	352
Born, 1-1-39; proved, 10-13-50; dead; Nebr.	21 daughters	40	10,749	3.3	357
Sire, 600230; dam, 1738732.	21 dams	66	11,560	3.4	395
Herd Owner, State Board of Control, Lincoln.	Difference	(8-10-6)	-811	-.1	-39
MEIERKORD TRIUNE BILLY 749265*12	17 daughters	34	12,780	3.3	426
Born, 1-30-37; proved, 10-13-50; dead; Kans.	9 daughters	19	12,825	3.4	435
Sire, 600230; dam, 1620570.	9 dams	27	13,503	3.3	450
Herd Owner, Heersche Bros., Mulvane.	Difference	(3-5-4)	-678	+.1	-15
MIDKIFF CHIEFTAIN 894350	13 daughters	14	11,448	3.8	431
Born, 12-19-43; proved, 10-3-50; ; Pa.	13 dams	70	12,362	3.4	426
Sire, 837025; dam, 2239641.	Difference	(6-13-7)	-914	+.4	+5
Herd Owner, Dibble Farm, Starrucca.					
MONTVIC POSCH LOCHIVAR NO 1 (TWIN) 857346	11 daughters	19	11,631	3.5	402
Born, 8-23-42; proved, 10-25-50; alive; Mich.	6 daughters	10	12,222	3.5	429
Sire, 855938; dam, 2325427.	6 dams	13	10,745	3.4	364
Herd Owner, Ralph Freeman, Grand Blanc.	Difference	(4-4-6)	+1,477	+.1	+65
MT JOSEPH BILLY KORNDYKE DE KOL 799773	7 daughters	11	12,922	3.4	433
Born, 12-29-39; proved, 10-12-50; dead; Kans.	6 daughters	10	13,095	3.4	441
Sire, 586462; dam, 1916984.	6 dams	7	11,882	3.3	394
Herd Owner, Walter G. Bircher & Sons, Ellsworth.	Difference	(3-5-4)	+1,213	+.1	+47
MT JOSEPH COLONEL BILLY 799776	5 daughters	10	13,419	3.5	469
Born, 5-31-40; proved, 10-10-50; dead ; Kans.	5 dams	10	12,415	3.3	411
Sire, 586462; dam, 1948731.	Difference	(3-4-4)	+1,004	+.2	+58
Herd Owner, W. G. Bircher & Sons, Ellsworth.					
NEWMONT MARATHON ORMSBY LAD 860607	6 daughters	7	10,739	3.9	414
Born, 10-1-42; proved, 10-26-50; ; N. Y.	6 dams	24	12,569	3.7	470
Sire, 762204; dam, 2029586.	Difference	(1-5-1)	-1,830	+.2	-56
Herd Owner, George E. McGeoch & Son, Cambridge.					

HOLSTEIN SIRES	Animals	Records averages	Milk	Test	Fat
	Number	Number	lb.	%	lb.
NEWMONT MARATHON PRIDE 860606---------7 daughters		9	11,049	3.6	397
Born, 9-23-42; proved, 10-25-50; ; Vt.	5 daughters	7	10,333	3.5	365
Sire, 762204; dam, 2146877.	5 dams----	6	8,594	3.4	289
Herd Owner, Foster Brothers, Middlebury.	Difference-	(4-3-4)	+1,739	+.1	+76
NORTH LAWN LILITH POSCH 908234---------	10 daughters	13	10,771	3.8	409
Born, 4-25-43; proved, 10-23-50; ; Wis.	10 dams----	32	11,700	3.8	443
Sire, 798605; dam, 1864104.	Difference--	(3-5-4)	-929	.0	-34
Herd Owner, Hugo O. Moths & Sons, Random Lake.					
OSBORNDALE SIR BURKE ORMSBY 762945*12-	47 daughters	94	11,651	3.5	405
Born, 1-15-38; proved, 10-16-50; dead; Conn.	36 daughters	78	11,744	3.5	410
Sire, 726333; dam, 1634672.	36 dams----	166	10,662	3.5	370
Used in Connecticut A. B. A., Inc.	Difference--	(21-25-22)	+1,082	.0	+40
OSBORNDALE SIR TY VIC RAG APPLE 923749-	93 daughters	98	13,489	3.9	523
Born, 7-14-44; proved, 10-16-50; alive ; Ill.	80 daughters	83	13,490	3.9	528
Sire, 848777; dam, 1814813.	80 dams----	228	12,193	3.6	441
Used in Northern Illinois Co-op. A. B. A.	Difference--	(55-68-63)	+1,297	+.3	+87
OSBORNDALE TRISTAN ORMSBY KING 790599*13----------26 daughters		46	12,831	3.6	462
Born, 1-6-40; proved, 10-4-50; alive ; Wis.	17 daughters	31	13,271	3.6	475
Sire, 676023; dam, 1792381.	17 dams----	38	13,130	3.4	444
Used in Wis. Scientific Breeding Inst. (A. B. A.)	Difference--	(7-14-8)	+141	+.2	+31
PANSCO GALA CHANGE 915960----------5 daughters		5	12,280	3.7	459
Born, 8-9-43; proved, 10-24-50; ; Calif.	5 dams----	11	10,779	3.7	401
Sire, 799393; dam, 1618863.	Difference-	(4-3-3)	+1,501	.0	+58
Herd Owner, Rivaldi Brothers, Lompoc.					
PEBBLE BEACH CHIEFTAIN NOLA 778659*11--24 daughters		45	10,722	3.7	400
Born, 6-14-39; proved, 10-4-50; dead; N. Y.	23 daughters	40	10,787	3.7	403
Sire, 695631; dam, 1918472.	23 dams----	116	10,966	3.5	385
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)	Difference--	(12-21-15)	-179	+.2	+18
POLK NETHERLAND SPOFFORD 860820-------12 daughters		18	16,767	3.7	613
Born, 9-9-42; proved, 10-23-50; ; Pa.	11 daughters	17	16,618	3.6	605
Sire, 794315; dam, 1959199.	11 dams----	27	13,958	3.5	495
Herd Owner, Guy & Dick Dunn, Coudersport.	Difference--	(10-8-11)	+2,660	+.1	+110
RAG APPLE TENSEN ORMSBY OF C L WOOD 907907----------5 daughters		5	8,610	3.4	296
Born, 3-1-43; proved, 10-25-50; ; Mich.	5 dams----	17	10,300	3.3	338
Sire, 823341; dam, 2148208.	Difference-	(1-5-2)	-1,690	+.1	-42
Herd Owner, Claude L. Wood, Brown City.					
RAINBOW CAPTAIN BOLD 3D (TWIN) 863871*14---------- 31 daughters		46	13,375	3.5	463
Born, 12-29-42; proved, 10-23-50; ; Mich.	22 daughters	32	13,288	3.4	457
Sire, 822580; dam, 2097209.	22 dams----	46	12,935	3.5	457
Herd Owner, Paul Steinacker, Fowlerville.	Difference--	(10-11-9)	+353	-.1	0
RAINBOW SIR BESS ROSE 17TH 791119---------14 daughters		22	13,321	3.5	462
Born, 10-10-39; proved, 10-16-50; dead ; Mich.	6 daughters-	8	13,576	3.4	464
Sire, 724856; dam, 1680707.	6 dams-----	10	12,351	3.3	408
Herd Owner, John R. Dunne, Hudson.	Difference--	(4-5-4)	+1,225	+.1	+56
RENNE INKA HOMESTEAD 861193----------16 daughters		22	9,646	3.5	335
Born, 9-9-41; proved, 10-4-50; ; Wis.	14 daughters	20	10,066	3.5	348
Sire, 778235; dam, 1941767.	14 dams----	40	11,423	3.4	386
Herd Owner, Rennebohm Farm, Sun Prairie.	Difference--	(7-11-6)	-1,357	+.1	-38
SENATOR ORMSBY FOBES INKADORA 672622*6----------16 daughters		42	10,809	3.6	393
Born, 4-9-33; proved, 10-4-50; ; Ill.	14 daughters	38	10,976	3.6	400
Sire, 575939; dam, 1343045.	14 dams----	52	10,499	3.6	375
Herd Owner, J. F. Greenwood, Springfield.	Difference--	(8-10-8)	+477	.0	+25
S F ALCARTRA KING ORMSBY 858709---------6 daughters		10	7,952	3.4	271
Born, 6-28-42; proved, 10-23-50; ; Vt.	6 dams----	24	9,570	3.5	339
Sire, 781708; dam, 1932164.	Difference-	(1-2-1)	-1,618	-.1	-68
Herd Owner, Eddie B. Farrar, Cavendish.					
SIR CLAREMONT PIETJE POSCH HARTOG 798291*11----------56 daughters		102	12,970	3.6	467
Born, 11-19-37; proved, 10-4-50; dead; N. Y.	45 daughters	87	12,627	3.7	463
Sire, 103939 CHB; dam, 299600 CHB.	45 dams----	184	11,626	3.4	398
Used in Indiana A. B. A., Ind.	Difference--	(24-36-34)	+1,001	+.3	+65
SIR PIETERTJE MODEL AAGGIE LASS 867431-10 daughters		11	10,669	3.6	379
Born, 8-17-42; proved, 10-5-50; ; Iowa.	7 daughters-	8	11,558	3.6	416
Sire, 670092; dam, 1974391.	7 dams-----	15	10,532	3.7	386
Herd Owner, Arlo Becker & Sons, Watkins.	Difference--	(4-4-4)	+1,026	-.1	+30

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SIR TRANSMITTER PRIDE 907873	11 daughters	12	15,418	3.6	556
Born, 1-29-44; proved, 10-25-50; alive ; Ohio.	11 dams	29	12,935	3.7	474
Sire, 854520; dam, 2236892.	Difference	(10-7-9)	+2,483	-.1	+82
Herd Owner, Chris Boerger & Sons, Marysville.					
SUNNYVALE CHIEFTAIN ORMSBY 858025	9 daughters	12	8,945	3.9	353
Born, 5-30-42; proved, 10-10-50; dead ; N. Y.	6 daughters	7	8,981	3.8	344
Sire, 778657; dam, 1616896.	6 dams	16	9,664	3.5	340
Herd Owner, Russell Brigham & Fred Enck, Oneonta.	Difference	(1-6-4)	-683	+.3	+4
THE DUPLICATOR 907874	6 daughters	6	10,918	3.9	421
Born, 2-22-44; proved, 10-25-50; ; Minn.	6 dams	12	9,896	3.8	373
Sire, 754520; dam, 1804630.	Difference	(5-3-4)	+1,022	+.1	+48
Herd Owner, George W. Pagel, Rochester.					
VICKERY MARATHON KING 845079	9 daughters	17	12,640	3.9	489
Born, 2-1-42; proved, 10-4-50; alive ; Wis.	8 daughters	13	12,985	3.8	499
Sire, 768821; dam, 1918491.	8 dams	31	12,443	3.7	466
Herd Owner, Glover Farms, Ft. Atkinson.	Difference	(5-7-5)	+542	+.1	+33
V W MODEL SIR DE KOL 815241*13	18 daughters	23	10,506	3.7	384
Born, 10-25-40; proved, 10-4-50; ; Wis.	15 daughters	19	10,400	3.7	383
Sire, 126306 CHB; dam, 2174135.	15 dams	46	10,488	3.8	399
Used in University of Wisconsin (A. B. A.).	Difference	(7-5-6)	-88	-.1	-16
WEBER BURKE SEVENS 757596*11	15 daughters	17	13,244	3.6	471
Born, 11-27-36; proved, 10-23-50; ; Utah.	12 daughters	14	13,203	3.6	476
Sire, 697789; dam, 1704113.	12 dams	36	13,671	3.4	463
Used in Minn. Valley & Southern Minn. A. B. A's.	Difference	(5-9-6)	-468	+.2	+13
WINTERTHUR NEBRASKA GREAT QUALITY 759193*11	47 daughters	90	13,628	3.4	459
Born, 10-10-37; proved, 10-18-50; ; Conn.	29 daughters	64	14,744	3.4	494
Sire, 671310; dam, 1469850.	29 dams	117	13,592	3.4	457
Used in Connecticut A. B. A., Inc.	Difference	(19-15-17)	+1,152	.0	+37
WINTERTHUR NEBRASKA POSCH TEDEKA 756552*14	31 daughters	55	10,645	3.6	382
Born, 1-5-38; proved, 10-18-50; dead ; Conn.	23 daughters	44	11,041	3.6	396
Sire, 671310; dam, 1810732.	23 dams	86	10,608	3.5	374
Used in Connecticut A. B. A., Inc.	Difference	(14-16-15)	+433	+.1	+22
WIS MENDOTA ACE LADDIE 858598	7 daughters	7	12,222	3.3	408
Born, 7-15-42; proved, 10-23-50; ; Wis.	5 daughters	5	12,571	3.3	420
Sire, 733748; dam, 1613989.	5 dams	14	9,107	3.3	300
Herd Owner, Sauk County Farm, Reedsburg.	Difference	(5-3-5)	+3,464	.0	+120
W I S ROYAL LAD 826435*14	20 daughters	42	13,373	3.6	479
Born, 6-18-41; proved, 10-4-50; dead; Wis.	16 daughters	35	13,409	3.6	485
Sire, 698242; dam, 1623910.	16 dams	35	12,219	3.4	412
Used in Wis. Scientific Breeding Inst. (A.B.A.)	Difference	(10-13-12)	+1,190	+.2	+73
WYLAMYNA PATHFINDER POSCH 916214	10 daughters	10	10,908	3.7	399
Born, 3-15-44; proved, 10-16-50; ; Iowa.	8 daughters	8	10,837	3.7	398
Sire, 795259; dam, 2079763.	8 dams	21	12,237	3.7	450
Herd Owner, Amana Society, Amana.	Difference	(3-6-3)	-1,400	.0	-52

JERSEY SIRES

AACK-AACK OF OZ 469298	7 daughters	7	8,792	5.8	506
Born, 3-12-45; proved, 10-16-50; alive ; Kans.	5 daughters	5	8,290	5.8	479
Sire, 396796; dam, 1272092.	5 dams	18	7,387	5.7	423
Herd Owner, A. L. Miller, Partridge.	Difference	(4-2-4)	+903	+.1	+56
BEAU GESTE 386813	6 daughters	10	7,111	5.3	377
Born, 4-12-37; proved, 10-23-50; dead ; Mass.	6 dams	15	7,689	5.4	415
Sire, 311360; dam, 947098.	Difference	(2-2-2)	-578	-.1	-38
Herd Owner, Frank V. Kuhns, Mill River.					
BELLAVISTA RONDIN ROYAL 467816	7 daughters	7	7,424	5.6	418
Born, 2-11-44; proved, 10-12-50; alive ; Wash.	6 daughters	6	7,153	5.7	405
Sire, 101447 CJCC; dam, 112726 CJCC.	6 dams	15	7,355	5.4	394
Herd Owner, William M. Teeple, Van Zandt.	Difference	(2-5-4)	-202	+.3	+11
BRAMPTON BELLS B. FAVOR 439588*14	21 daughters	48	7,013	5.4	377
Born, 9-10-41; proved, 10-27-50; dead; Pa.	21 dams	91	6,804	5.3	364
Sire, 425305; dam, 116997 CJCC.	Difference	(11-10-9)	+209	+.1	+13
Used in Nepa Co-op. A. B. A.					
DANCE'S STYLISH SIGNAL 420006	13 daughters	13	7,125	5.6	400
Born, 3-20-41; proved, 10-5-50; alive ; La.	13 dams	60	7,145	5.1	366
Sire, 346193; dam, 1073513.	Difference	(6-11-10)	-20	+.5	+34
Used in Louisiana Co-op. A. B. A., Inc.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
DESIGN FERN VOLUNTEER 366555----------	11 daughters	19	6,548	5.5	360
Born, 12-10-34; proved, 10-10-50; ; N.C.	7 daughters-	13	6,623	5.3	352
Sire, 343001; dam, 675705.	7 dams-----	17	6,759	5.4	362
Herd Owner, David O. Sunderland, Milton.	Difference--	(2-3-3)	-136	-.1	-10
DRACONIS SIR ROYAL STANDARD 420056*14--	29 daughters	50	6,489	4.7	307
Born, 9-29-40; proved, 10-13-50; ; Ga.	19 daughters	30	6,832	4.7	312
Sire, 402924; dam, 1226145.	19 dams----	35	5,509	4.7	260
Herd Owner, Martin's Dairy, La Fayette.	Difference--	(13-8-14)	+1,123	.0	+52
FAIRY BLOSSOM VALIANT 464740----------	7 daughters	8	5,328	4.9	260
Born, 12-24-43;proved, 10-16-50; ; Wis.	6 daughters	7	4,955	4.8	236
Sire, 389049; dam, 1340494.	6 dams----	23	5,876	5.3	314
Herd Owner, Sturdevant & Williams, Cashton.	Difference-	(2-1-0)	-921	-.5	-78
FILLPAIL DOUBLET 422362----------	10 daughters	13	7,967	5.2	416
Born, 9-3-40; proved, 10-25-50; ; Oreg.	7 daughters-	8	8,130	5.2	425
Sire, 400842; dam, 1202314.	7 dams-----	8	7,425	5.8	433
Herd Owner, Iness Gribble, Molalla.	Difference--	(4-0-3)	+705	-.6	-8
FLOSS DUKE MODEL ZADOCK 444741----------	11 daughters	12	9,176	5.6	514
Born, 2-21-43; proved, 10-27-50; ; Vt.	8 daughters-	9	9,029	5.6	506
Sire, 369068; dam, 1224819.	8 dams-----	10	7,982	5.7	451
Herd Owner, John Morse, Calais.	Difference--	(6-5-6)	+1,047	-.1	+55
FRASEA PILOT DESIGNER 461086----------	11 daughters	13	8,912	5.4	478
Born, 9-23-43; proved, 10-24-50; alive; Wash.	11 dams----	31	8,038	5.3	430
Sire, 92054 CJCC; dam, 122579 CJCC.	Difference--	(8-6-9)	+874	+.1	+48
Herd Owner, Rodney Olson, Mt. Vernon.					
F. ROYAL BLONDE POPPY 415890----------	5 daughters	6	7,638	5.5	423
Born, 12-6-39; proved, 10-5-50; dead ; Mo.	5 dams----	13	6,638	5.2	346
Sire, 395417; dam, 1068132.	Difference-	(4-3-4)	+1,000	+.3	+77
Herd Owner, Garland Dooley, Eldon.					
FUSSY VOLUNTEER ST. MAWES 400164------	10 daughters	24	6,838	5.4	369
Born, 4-4-39; proved, 10-18-50; dead ; Wash.	6 daughters-	17	7,495	5.4	402
Sire, 380753; dam, 1145101.	6 dams-----	21	8,375	5.0	420
Herd Owner, Robert & Elmer Torppa, Grays River.	Difference--	(1-4-2)	-880	+.4	-18
KENSINGTON FERN DICTATOR 410672--------	6 daughters	7	4,891	5.1	249
Born, 2-17-39; proved, 10-27-50; ; Kans.	5 daughters	6	4,942	5.0	249
Sire, 357452; dam, 1011943.	5 dams----	15	5,403	5.3	288
Herd Owner, Reed Grauerholz, Kensington.	Difference-	(2-1-2)	-461	-.3	-39
LASS' WONDER LAD 405861----------	10 daughters	11	7,144	5.1	364
Born, 10-13-39; proved, 10-27-50; ; Ohio.	6 daughters-	7	7,069	5.1	362
Sire, 367164; dam, 1090998.	6 dams-----	10	6,494	4.9	316
Herd Owner, L. P. Bailey & Co., Tacoma.	Difference--	(5-5-5)	+575	+.2	+46
MAC'S PEER LAD TWICE 376878----------	15 daughters	19	7,376	5.3	394
Born, 8-27-33; proved, 10-23-50; dead ; Kans.	7 daughters-	10	6,701	5.3	357
Sire, 257795; dam, 987287.	7 dams-----	12	7,746	5.3	414
Herd Owner, F. R. Wempe, Lawrence.	Difference--	(2-4-2)	-1,045	.0	-57
MAYFLOWER PEDRO 447880----------	8 daughters	10	8,757	5.1	444
Born, 3-27-43; proved, 10-24-50; ; Vt.	8 dams----	33	7,784	5.3	415
Sire, 367105; dam, 1160173.	Difference-	(7-3-6)	+973	-.2	+29
Herd Owner, Pasture Hill Farm, Woodstock.					
MEMORY'S OWLREST 485170----------	10 daughters	13	8,607	4.8	417
Born, 4-2-43; proved, 10-5-50;alive ; N. Y.	5 daughters-	6	8,380	4.8	400
Sire, 430270; dam, 841007.	5 dams-----	11	6,100	4.7	289
Used in New York Co-op. A. B. A., Inc.	Difference--	(4-2-5)	+2,280	+.1	+111
OBSERVER BRIDE DESIGN 447795	6 daughters	6	6,349	5.3	338
Born, 4-20-43; proved, 10-24-50; ; Kans.	5 daughters	5	6,023	5.4	324
Sire, 354680; dam, 1067011.	5 dams----	12	8,281	5.3	438
Herd Owner, George E. Schurle, Manhattan.	Difference-	(0-4-0)	-2,258	+.1	-114
OXFORD BEAUTY CHALLENGER 444062------	9 daughters	20	7,183	5.5	395
Born, 7-3-41; proved, 10-24-50; ; Wash.	6 daughters	14	7,051	5.5	384
Sire, 410679; dam, 1304606.	6 dams----	20	8,788	5.1	446
Herd Owner, O. P. Stark, Vancouver.	Difference-	(0-4-1)	-1,737	+.4	-62
PALATINE ONWARD OBSERVER 405685-------	10 daughters	15	7,911	4.8	377
Born, 9-2-39; proved, 10-27-50; ; Mich.	9 daughters-	14	7,627	4.8	364
Sire, 371820; dam, 1140331.	9 dams-----	23	7,682	5.2	400
Herd Owner, Ellis Ray, Charlotte.	Difference--	(6-3-3)	-55	-.4	-36
PHOENIX TIDDLEDYWINK OWL 371120-------	9 daughters	22	8,473	5.6	477
Born, 2-9-35; proved, 10-23-50; dead; Pa.	6 daughters	12	8,614	5.6	480
Sire, 222930; dam, 726447.	6 dams----	22	8,043	5.2	420
Herd Owner, Curtis Smith, Gillett.	Difference-	(3-5-5)	+571	+.4	+60

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
PRECISION LAD 403348	8 daughters	10	6,050	4.9	297
Born, 1-2-38; proved, 10-18-50; dead ; Tenn.	8 dams----	22	7,597	5.0	383
Sire, 370401; dam, 1103810.	Difference-	(1-4-1)	-1,547	-.1	-86
Herd Owner, Fain Farm, Dandridge.					
QUAD-SOPHIE SENATOR EIGHT TR. 446890	6 daughters	6	8,633	5.2	448
Born, 4-12-43; proved, 10-24-50; dead; Pa.	5 daughters	5	8,698	5.2	449
Sire, 357462; dam, 1184409.	5 dams----	15	8,401	5.5	459
Herd Owner, G.G. McDowell & Son, Grove City.	Difference-	(4-2-2)	+297	-.3	-10
RANDLEIGH DUKE BLONDE LAD 462464	10 daughters	13	10,918	5.0	550
Born, 4-29-44; proved, 10-10-50; alive ; Ohio.	9 daughters-	11	10,942	5.0	552
Sire, 388953; dam, 1165362.	9 dams-----	30	9,522	5.0	473
Herd Owner, W. D. Kahler, Westerville.	Difference--	(8-7-8)	+1,420	.0	+79
REMUS LIGHTNING CORONATOR 460914	6 daughters	6	10,489	5.6	587
Born, 7-24-44; proved, 10-4-50; alive ; Wash.	6 dams----	27	10,075	5.8	582
Sire, 439372; dam, 1252729.	Difference-	(4-1-3)	+414	-.2	+5
Herd Owner, James Krangnes, Mt. Vernon.					
RIGHT ROYAL LOUISOXFORD 368708	11 daughters	19	5,804	5.3	309
Born, 11-26-33; proved, 10-23-50; ; N. C.	10 daughters	17	5,805	5.3	308
Sire, 339183; dam, 946339.	10 dams----	20	5,787	5.0	291
Herd Owner, Folk School, Brasstown.	Difference--	(4-7-7)	+18	+.3	+17
ROSEBUD DON 407768	9 daughters	12	6,422	6.2	395
Born, 3-1-39; proved, 10-18-50; ; Oreg.	6 daughters	7	6,360	6.2	397
Sire, 364113; dam, 890017.	6 dams----	19	7,981	5.3	427
Herd Owner, Nora A. Seits, Siltcoos.	Difference-	(0-6-2)	-1,621	+.9	-30
ROYAL DESIGNER 371000	10 daughters	18	7,501	5.4	402
Born, 1-23-35; proved, 10-23-50;dead ; Ohio.	6 daughters-	12	8,016	5.3	428
Sire, 322633; dam, 1000534.	6 dams-----	9	7,248	5.4	394
Used in Northern Ohio Co-op. A. B. A.	Difference--	(3-1-3)	+768	-.1	+34
SAYDA'S POGIS ELMER 363015	12 daughters	19	5,700	5.7	323
Born, 10-22-34; proved, 10-23-50; ; Pa.	5 daughters-	9	5,547	5.7	315
Sire, 230388; dam, 911112.	5 dams-----	8	6,166	5.2	321
Herd Owner, Paul Dodge, Monroeton.	Difference--	(1-5-2)	-619	+.5	-6
SCHORNO FARM STANDARD 469721	6 daughters	9	8,780	5.4	476
Born, 4-25-43; proved, 10-25-50; ; Wash.	5 daughters	8	9,120	5.4	495
Sire, 416041; dam, 1175306.	5 dams----	10	9,631	5.3	512
Herd Owner, Floyd C. Ely, Graham.	Difference-	(2-3-3)	-511	+.1	-17
SIEGFRIED REMUS HERALD 457456	9 daughters	11	9,294	5.2	483
Born, 5-7-44; proved, 10-10-50; ; Md.	9 dams----	28	8,783	5.3	462
Sire, 376677; dam, 1360659.	Difference-	(4-5-5)	+511	-.1	+21
Used in Maryland Co-op. A. B. A., Inc.					
SIGNAL BLONDE 407252	6 daughters	18	6,505	5.6	361
Born, 1-1-40; proved, 10-18-50; ; Maine.	5 daughters	15	6,621	5.7	376
Sire, 370319; dam, 1018854.	5 dams----	9	5,893	5.0	292
Herd Owner, Harold S. White & Son, Auburn.	Difference-	(4-4-5)	+728	+.7	+84
SOUVENIR WISTARIA DREAMER 466057	12 daughters	12	7,097	5.2	372
Born, 4-30-44; proved, 10-4-50; ; Wash.	11 daughters	11	7,193	5.2	374
Sire, 434930; dam, 1204673.	11 dams----	34	8,211	5.4	444
Herd Owner, Ralph Cary, Sequim.	Difference--	(2-3-1)	-1,018	-.2	-70
SYBIL DUKE ADDIE KING MIDAS 481218	8 daughters	11	8,023	5.0	404
Born, 2-4-42; proved, 10-5-50; dead ; N. Y.	8 dams----	25	7,069	5.8	407
Sire, 395664; dam, 1130734.	Difference-	(6-0-4)	+954	-.8	-3
Herd Owner, Elsie H. & Jennie H. Kinkead, Poughkeepsie.					
SYBIL OWL APOLLO 460440	9 daughters	9	9,159	5.2	479
Born, 3-22-44; proved, 10-4-50; ; N. J.	9 dams----	48	8,811	5.5	483
Sire, 396681; dam, 1077774.	Difference-	(5-2-4)	+348	-.3	-4
Used in Wis. Scientific Breeding Inst., Wis. (A. B. A.)					
THOMAS ROYAL NOBLY VALIANT 450869	14 daughters	17	6,787	5.2	351
Born, 11-30-43; proved, 10-5-50; ; Mich.	13 daughters	16	6,671	5.2	345
Sire, 425306; dam, 1173469.	13 dams----	50	7,712	5.3	409
Used in Missouri Dairy A. B. A., Mo.	Difference--	(2-5-2)	-1,041	-.1	-64
TRISTRAM LADDIE 354929	27 daughters	53	7,938	5.7	451
Born, 10-15-32; proved, 10-10-50; dead ;Wash.	11 daughters	18	7,864	5.5	436
Sire, 215622; dam, 902896.	11 dams----	25	8,723	5.2	451
Herd Owner, C. T. West, Skamokawa.	Difference--	(2-8-4)	-859	+.3	-15
TRIUMPH PLEASANT ACE 428734*14	13 daughters	24	8,794	5.4	474
Born, 11-29-41; proved, 10-27-50; ; N. J.	13 dams----	67	8,516	5.7	484
Sire, 403239; dam, 1132558.	Difference--	(8-4-6)	+278	-.3	-10
Used in Northwestern Minnesota A.B.A., Minn.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
UPWEY SYBIL CALEB 452355	8 daughters	8	7,907	4.9	386
Born, 9-1-43; proved, 10-4-50; alive ; La.	6 daughters	6	7,500	4.9	369
Sire, 367105; dam, 1160174.	6 dams	6	8,064	4.7	379
Herd Owner, M. E. Miller, Mt. Hermon.	Difference	(2-4-3)	-564	+.2	-10
VALIANT AIM 410269	39 daughters	88	8,000	5.2	412
Born, 8-1-35; proved, 10-12-50; dead; Mich.	23 daughters	52	8,439	5.1	434
Sire, P.S. 7003 H.C.; dam, 1111902.	23 dams	70	8,728	5.1	447
Herd Owner, Meadow Ridge Jersey Farm, Chesaning.	Difference	(9-14-11)	-289	.0	-13
VALIANT ROYALIST KING 415883	16 daughters	38	8,771	5.1	450
Born, 12-5-39; proved, 10-5-50; alive ; Minn.	7 daughters	18	8,845	5.1	450
Sire, 392431; dam, 1094950.	7 dams	12	7,547	5.4	405
Herd Owner, Louis Stifter & Sons, Howard Lake.	Difference	(6-3-4)	+1,298	-.3	+45
VOLUNTEER BARONET BOW 433501	17 daughters	28	8,587	5.2	443
Born, 11-6-41; proved, 10-4-50; ; Pa.	15 daughters	25	8,489	5.2	438
Sire, 365924; dam, 1117161.	15 dams	71	9,090	5.2	471
Herd Owner, Max Forcey, Woodland.	Difference	(8-7-6)	-601	.0	-33
WONDERFUL STANDARD SIR 380817	8 daughters	20	8,749	4.9	430
Born, 11-11-36; proved, 10-27-50; ; Tenn.	5 daughters	9	8,153	5.3	430
Sire, 351912; dam, 086373.	5 dams	6	8,540	5.4	464
Herd Owner, Lashbrook Farms, Louisville.	Difference	(2-2-2)	-387	-.1	-34
XENIA DESIGN MARQUIS 444484	5 daughters	9	7,579	5.4	406
Born, 1-21-42; proved, 10-24-50; ; Tenn.	5 dams	15	8,941	5.1	457
Sire, 391492; dam, 1132959.	Difference	(1-2-1)	-1,362	+.3	-51
Herd Owner, Lashbrook Farms, Louisville.					
XENIA KAHOKA BRANO 405606	13 daughters	30	7,960	5.2	413
Born, 4-19-39; proved, 10-18-50; dead ; Ohio.	6 daughters	15	8,226	5.1	423
Sire, 323489; dam, 957555.	6 dams	34	7,678	5.7	435
Herd Owner, E. V. O'Dell, Delaware.	Difference	(3-1-3)	+548	-.6	-12

AMERICAN DAIRY CATTLE CLUB SIRES

HAYFIELD'S GOLD DOLLAR 1444	14 daughters	20	7,793	4.8	375
Born, 9-6-41; proved, 10-3-50; dead ; N. Y.	9 daughters	13	7,915	4.8	377
Sire, 214348-G; dam, 1168.	9 dams	16	7,653	4.6	354
Herd Owner, Morris T. Johnson, Pavilion.	Difference	(5-6-6)	+262	+.2	+23

BONNIE'S FERDNAND OF STANSWISS 717
(This sire is also a registered Brown Swiss "Bonnie's Ferdnand of Stanswiss 58918." Proved Sire data included in Brown Swiss listing.)

DUKE INKA RAG-HERO (TWIN) 1238
(This sire is also a registered Holstein "Duke Inka Rag-Hero (Twin) 859238." Proved Sire data included in Holstein listing.)

G C B PATHFINDER HILDA POSCH 1008
(This sire is also a registered Holstein " G C B Pathfinder Hilda Posch 944130." Proved Sire data included in Holstein listing.)

PEBBLE BEACH CHIEFTAIN NOLA 768
(This sire is also a registered Holstein "Pebble Beach Chieftain Nola 778659." Proved sire data included in Holstein listing.)

SIR CLAREMONT PIETJE POSCH HARTOG 805
(This sire is also a registered Holstein "Sir Claremont Pietje Posch Hartog 798291." Proved Sire data included in Holstein listing.)

DAIRY HERD IMPROVEMENT ASSOCIATIONS

RECORD BOOK

Test the Cows Select Cow Families Prove the Bulls

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF DAIRY INDUSTRY
WASHINGTON, D. C.

Dairy-Herd-Improvement-Association Letter Vol. 26, No. 12

December 1950

THE 30,000th DHIA PROVED SIRE

A proved-sire record was recently compiled in the Bureau of Dairy Industry for the 30,000th DHIA sire proved since the Nation-wide DHIA Proved-sire Program was inaugurated cooperatively in 1935 by the Bureau and the various State extension services.

The 30,000th DHIA proved sire is a Guernsey, Mulhocaway Butterfat Bonny 290572. He was proved with dam-and daughter data from 9 New Jersey herds and 1 Pennsylvania herd. The average production of the 6 dams to which he was mated was 7,999 pounds of milk and 383 pounds of butterfat. His daughters out of these 6 dams had an average production of 9,199 pounds of milk and 421 pounds of butterfat.

A proved-sire record is a compilation of the 305-day lactation records of at least 5 of the sire's daughters and their dams, which indicates the inheritance for production the sire is transmitting to his offspring. More than 3 million 305-day lactation records for approximately 1.5 million cows have been reported by the various States to the Bureau for use in compiling proved-sire records.

The demand for good proved sires continues to grow. As association supervisors continue to increase the number of lactation records they report, more sires can be proved and the demand for good proved sires can be met more completely. At present, lactation records are being reported at the rate of approximately 2,000 daily. However, it is estimated that only about 60 percent of the available 305-day lactation records are being reported.

GPO—O—BDI 295

DHIA PROVED-SIRE RECORDS TABULATED IN NOVEMBER 1950.

Following is a list of 237 sires whose records were tabulated or retabulated by the Bureau of Dairy Industry in November 1950. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The numeral following the asterisk shows in which of the 14 printed lists his previous record appeared.

The owner listed is usually the owner of the herd in which the sire was proved. In case records from more than one herd were used, the reference is to the owner of the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ALTA CREST CAPTIVE 62205	6 daughters	14	10,863	3.9	420
Born, 6-28-39; proved, 11-1-50; ; N. Y.	5 daughters	13	10,485	3.9	404
Sire, 41952; dam, 191228.	5 dams	18	9,166	3.8	346
Herd Owner, Charles M. Rodriquez, Cropseyville.	Difference	(4-4-4)	+1,319	+.1	+58
COLE FARM PRINCE STATESMAN 65366	12 daughters	13	8,150	4.1	336
Born, 10-3-40; proved, 11-20-50; ; N. Y.	8 daughters	9	8,236	4.1	340
Sire, 51061; dam, 144997.	8 dams	18	9,158	3.9	359
Used in Litchfield Co. A. B. A., Conn.	Difference	(3-6-2)	-922	+.2	-19
COWDEN'S TOPNOTCH 75272	13 daughters	16	7,022	3.7	263
Born, 7-25-42; proved, 11-20-50; ; Pa.	6 daughters	7	7,062	3.7	258
Sire, 62318; dam, 199287.	6 dams	11	6,973	3.8	264
Herd Owner, George Cowden, McDonald.	Difference	(3-2-3)	+89	-.1	-6
FILLMORE IMPROVER 56334	23 daughters	73	7,132	4.0	283
Born, 4-5-37; proved, 11-16-50; dead ; N. Y.	6 daughters	13	7,401	3.9	292
Sire, 47630; dam, 142073.	6 dams	17	7,156	4.1	292
Herd Owner, Hy Ayr. Farm, Cherry Plain.	Difference	(3-3-3)	+245	-.2	0
GEORGETTE'S SPLENDEUR, IMP. 57487	6 daughters	7	6,648	4.0	264
Born, 10-23-37; proved, 11-2-50; ; N. H.	5 daughters	6	6,416	4.0	257
Sire, 57485; dam, 198788.	5 dams	6	8,749	3.9	344
Herd Owner, Stuart G. Potter, East Concord.	Difference	(0-3-0)	-2,333	+.1	-87
GLENWOOD WHITE BOY 75946	8 daughters	14	7,869	4.0	311
Born, 3-11-42; proved, 11-30-50; ; Pa.	5 daughters	9	8,020	3.8	307
Sire, 53805; dam, 155307.	5 dams	19	8,433	3.8	323
Herd Owner, David Harnish, Christiana.	Difference	(1-1-1)	-413	.0	-16
GOOD HOPE TROJAN 75595	6 daughters	6	10,041	4.2	421
Born, 10-4-43; proved, 11-20-50; ; Vt.	6 dams	23	10,768	4.2	448
Sire, 59660; dam, 172443.	Difference	(3-4-2)	-727	.0	-27
Herd Owner, Roderick E. Towne, Montpelier.					
LAMB'S CHIEF BRIDEGROOM 66476	6 daughters	11	9,686	4.3	416
Born, 2-2-41; proved, 11-1-50; dead ; Mich.	6 dams	12	9,842	4.2	414
Sire, 45529; dam, 155437.	Difference	(3-5-3)	-156	+.1	+2
Herd Owner, Lidsters Ayrshire Acres, Blissfield.					
MARCON MIGHTY MONARCH, IMP. 75701	11 daughters	14	8,083	4.3	345
Born, 4-16-43; proved, 11-13-50; ; Kans.	6 daughters	8	8,087	4.3	346
Sire, 67539; dam, 281810.	6 dams	12	9,572	4.2	405
Herd Owner, Chester O. Unruh, Hillsboro.	Difference	(2-5-2)	-1,485	+.1	-59
OSCAR'S TEDDY 76108	6 daughters	9	8,161	3.7	302
Born, 10-10-42; proved, 11-13-50; ; Iowa.	5 daughters	8	8,090	3.7	298
Sire, 63557; dam, 239711.	5 dams	13	7,753	3.9	300
Herd Owner, Hans Ekeland & Sons, Belmond.	Difference	(2-2-3)	+337	-.2	-2
PIONEER SPICEFUL LAD 75991	5 daughters	9	6,617	4.2	275
Born, 11-12-43; proved, 11-13-50; ; Minn.	5 dams	14	6,837	3.7	256
Sire, 58550; dam, 253622.	Difference	(2-5-3)	-220	+.5	+19
Herd Owner, Alfred G. Starz, Zumbro Falls.					
SCOTT-LAND'S BARR ECHO, IMP. 75551	8 daughters	9	9,357	4.0	374
Born, 9-29-43; proved, 11-13-50; ; Ind.	5 daughters	6	10,226	4.0	411
Sire, 74623; dam, 280189.	5 dams	15	10,508	3.8	394
Herd Owner, Don Deller, Angola.	Difference	(2-4-2)	-282	+.2	+17
SHARON VIEW EMERALD'S APPROVAL 75495	5 daughters	6	9,193	4.1	378
Born, 9-6-43; proved, 11-13-50; ; Ohio.	5 dams	13	7,724	4.1	317
Sire, 61764; dam, 166321.	Difference	(4-2-4)	+1,469	.0	+61
Herd Owner, John E. Rapp, Portsmouth.					
SHIRE CREST GALA DAY 75172	9 daughters	10	10,037	4.4	439
Born, 7-23-43; proved, 11-20-50; ; Kans.	7 daughters	7	10,185	4.4	450
Sire, 62048; dam, 244176.	7 dams	13	7,800	4.4	339
Herd Owner, Wayne Anderson, Ottawa.	Difference	(5-4-6)	+2,385	.0	+111

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
STANDISH FARM KING BRITON 51759----------	7 daughters	12	8,050	4.1	334
Born, 6-16-35; proved, 11-2-50; dead; Vt.	6 daughters	10	7,960	4.2	332
Sire, 40970; dam, 86124.	6 dams----	13	7,498	3.9	295
Herd Owner, Michael Koloski, East Thetford.	Difference-	(3-4-6)	+462	+.3	+37
STRATHAVEN MANDATE 48812----------	15 daughters	35	8,637	3.9	339
Born, 4-30-34; proved, 11-2-50; ; N. Y.	7 daughters-	16	8,484	3.9	331
Sire, 42422; dam, 104890.	7 dams-----	22	8,510	4.0	337
Herd Owner, Alfred & Leland Reed, Johnstown.	Difference--	(3-5-4)	-26	-.1	-6

BROWN SWISS SIRES

ABDUL OF GOTFREDSON FARMS 53281--------	7 daughters	11	7,988	3.9	308
Born, 6-20-41; proved, 11-16-50; ; Mich.	7 dams----	24	8,822	3.8	338
Sire, 35878; dam, 53234.	Difference-	(3-5-3)	-834	+.1	-30
Herd Owner, H. P. Anderson, Freesoil.					
ALLYNHURST LANCIER 38722----------	5 daughters	9	11,875	3.9	461
Born, 1-19-37; proved, 11-16-50; ; Wis.	5 dams----	22	9,859	4.1	401
Sire, 25182; dam, 55205.	Difference-	(3-2-3)	+2,016	-.2	+60
Herd Owner, Ernest Baumgartner & Son, Waukesha.					
BELLE'S COLLEGE TOM 53439----------	6 daughters	12	12,645	4.0	510
Born, 3-29-41; proved, 11-1-50; ; Ill.	5 daughters	11	13,340	4.0	536
Sire, 44146; dam, 48013.	5 dams----	15	10,586	4.0	425
Herd Owner, Eugene Papenhause, Fremont.	Difference-	(5-3-5)	+2,754	.0	+111
DON OF DAIRYDALE 50573----------	8 daughters	9	7,985	3.8	300
Born, 8-7-40; proved, 11-1-50; ; Ky.	6 daughters	7	8,323	3.8	316
Sire, 40491; dam, 47501.	6 dams----	17	9,455	3.9	371
Herd Owner, Brice & Lucille Brown, Dry Ridge.	Difference-	(3-2-2)	-1,132	-.1	-55
DUKE OF DELTA SWISS FARM 52708----------	7 daughters	7	10,269	3.7	377
Born, 5-3-41; proved, 11-1-50; ; Mich.	6 daughters	6	10,735	3.7	395
Sire, 42412; dam, 98978.	6 dams----	6	11,378	3.8	433
Herd Owner, Joe Stefl, Cornell.	Difference-	(1-2-1)	-643	-.1	-38
FOREST FARMS NEVARD'S DARLENE 49696---	11 daughters	15	9,285	4.0	376
Born, 9-3-40; proved, 11-1-50; ; N. Y.	11 dams----	44	10,293	4.1	417
Sire, 38049; dam, 62981.	Difference--	(3-6-4)	-1,008	-.1	-41
Herd Owner, Whelden Bros., Greenwich.					
JEANETTE'S BUSTER J. B. 53928----------	6 daughters	7	14,228	4.0	568
Born, 10-12-41; proved, 11-1-50; ; Wis.	6 dams----	19	11,164	4.1	457
Sire, 31073; dam, 43463.	Difference-	(6-2-6)	+3,064	-.1	+111
Herd Owner, Ostval Farms, Burlington.					
KEEPER'S ROYAL OF LEE'S HILL 51724--- --	6 daughters	8	11,261	3.9	439
Born, 9-24 41; proved, 11-1-50; ; Mich.	5 daughters	5	11,743	3.9	461
Sire, 31653; dam, 56343.	5 dams----	13	11,529	3.9	452
Herd Owner, John N. Kirsch, Sturgis.	Difference-	(2-3-3)	+214	.0	+9
KING'S JUMBO BOY 46828----------	7 daughters	12	10,102	4.0	400
Born, 10-19-39; proved, 11-1-50; ; Ill.	5 daughters	7	9,741	3.9	383
Sire, 37925; dam, 37567.	5 dams----	12	12,938	3.9	508
Herd Owner, Mell Powell, Annawan.	Difference-	(1-3-0)	-3,197	.0	-125
ONLEE'S EDGARD 35560----------	7 daughters	13	9,356	3.8	356
Born, 8-25-36; proved, 11-30-50; ; Wis.	5 daughters	7	9,145	3.9	357
Sire, 28027; dam, 42953.	5 dams----	12	9,704	3.9	377
Herd Owner, John Capaul, Alma Center.	Difference-	(2-2-2)	-559	.0	-20
PRINCE BARONET OF WALHALLA 35293------	18 daughters	36	9,397	4.2	395
Born, 8-3-35; proved, 11-30-50; ; N. Y.	6 daughters-	13	9,894	4.2	416
Sire, 30445; dam, 29787.	6 dams-----	13	8,594	4.1	349
Herd Owner, Mrs. Jessie T. Zoller, Rexford.	Difference--	(3-4-3)	+1,300	+.1	+67
RAMBLER'S FRANKLIN D. 52709----------	6 daughters	9	11,210	3.5	398
Born, 8-24-41; proved, 11-16-50; ; Mich.	5 daughters	7	11,401	3.5	398
Sire, 47727; dam, 88546.	5 dams----	7	10,118	3.9	393
Herd Owner, Joe Stefl, Cornell.	Difference-	(4-1-2)	+1,283	-.4	+5
RANGER'S LUCKY STRIKE OF S.H. 53411-----	6 daughters	6	10,628	3.9	412
Born, 10-31-41; proved, 11-16-50; dead ; Minn.	5 daughters	5	10,549	3.8	403
Sire, 46048; dam, 78766.	5 dams----	25	9,655	3.9	373
Herd Owner, Fenlea Farm, White Bear Lake.	Difference-	(4-1-4)	+894	-.1	+30
RUTH'S KING OF SPENCER FARM 34496------	12 daughters	21	10,135	3.9	400
Born, 12-15-34; proved, 11-16-50; ; Mich.	9 daughters-	16	10,496	3.9	414
Sire, 20152; dam, 43144.	9 dams-----	20	9,750	3.8	368
Herd Owner, Joe Stefl, Cornell.	Difference--	(5-7-6)	+746	+.1	+46

BROWN SWISS SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
S. GERTRUDE'S BUSTER J. B. 53937*14------	13 daughters	21	13,246	4.0	533
Born, 2-27-42; proved, 11-2-50; ; Iowa.	13 dams----	53	10,712	4.2	446
Sire, 31073; dam, 55408.	Difference--	(11-4-11)	+2,534	-.2	+87
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).					
VICTORY LAD 53562----------	9 daughters	14	10,260	4.0	407
Born, 1-30-42; proved, 11-17-50; ; Ind.	5 daughters	9	10,182	4.0	410
Sire, 42600; dam, 53910.	5 dams----	15	10,023	4.2	424
Herd Owner, Jack Cline, Union City.	Difference-	(2-2-1)	+159	-.2	-14
VIRGINIA'S NELSON EDDIE 49186----------	13 daughters	37	7,735	4.3	336
Born, 7-21-40; proved, 11-1-50; dead ; Md.	7 daughters-	16	7,636	4.2	320
Sire, 39793; dam, 70576.	7 dams-----	21	7,769	4.5	349
Herd Owner, David W. Litton, Boonsboro.	Difference--	(2-1-1)	-133	-.3	-29

GUERNSEY SIRES

ARGILLA PALOT OF AVABA 338561*14-------	23 daughters	27	7,397	4.6	339
Born, 9-8-42; proved, 11-2-50; alive ; Maine.	17 daughters	20	7,363	4.6	340
Sire, 203950; dam, 390585.	17 dams----	47	6,448	4.9	314
Used in Maine Co-op. A. B. A.	Difference--	(12-7-10)	+915	-.3	+26
BARBIAN PIONEER 332309 ----------	10 daughters	11	8,724	4.5	397
Born, 1-19-43; proved, 11-20-50; ; Wis.	5 daughters-	5	9,286	4.6	425
Sire, 219337; dam, 617472.	5 dams-----	5	7,063	4.4	311
Herd Owner, Paul Bjerking, Boldenville.	Difference--	(5-5-5)	+2,223	+.2	+114
BAYVILLE MAXIM'S CONTENDER 290491-----	12 daughters	17	7,030	5.0	352
Born, 5-17-39; proved, 11-1-50; dead ; Va.	10 daughters	15	7,277	5.1	368
Sire, 209991; dam, 408667.	10 dams----	22	7,549	4.8	361
Herd Owner, Bayville Farms, Norfolk.	Difference--	(3-7-5)	-272	+.3	+7
BETHANY FAVOR'S CLOVELLY 308555*14----	18 daughters	32	8,770	4.7	411
Born, 8-6-41; proved, 11-28-50; ; Iowa.	17 daughters	30	8,697	4.7	410
Sire, 247154; dam, 346846.	17 dams----	93	8,466	4.9	416
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference--	(10-7-8)	+231	-.2	-6
BISCOE HEARTSEASE EDDY 251631----------	7 daughters	14	8,101	4.7	378
Born, 8-15-37; proved, 11-17-50; ; Conn.	6 daughters	13	8,598	4.7	401
Sire, 225530; dam, 310843.	6 dams----	21	7,148	4.3	304
Herd Owner, Charles Greenbacker & Sons, Meriden.	Difference-	(6-5-6)	+1,450	+.4	+97
BLAKEFORD JANUS 271646*12----------	9 daughters	17	8,226	4.5	366
Born, 2-3-39; proved, 11-28-50; ; Wis.	8 daughters	14	8,043	4.5	363
Sire, 206846; dam, 506862.	8 dams----	27	7,633	4.9	373
Used in University of Wisconsin (A. B. A.).	Difference-	(4-2-3)	+410	-.4	-10
BLOTCH'S DUKE OF ELDER LAWN 350121----	6 daughters	7	8,706	5.0	436
Born, 1-12-43; proved, 11-30-50; ; Wis.	6 dams----	13	7,172	4.9	353
Sire, 222944; dam, 475743.	Difference-	(5-3-5)	+1,534	+.1	+83
Herd Owner, Charles Patey, Waukesha.					
BOULDER BRIDGE QUESTO 243954*8---------	31 daughters	83	7,698	4.5	348
Born, 10-30-35; proved, 11-24-50; ; Wis.	26 daughters	73	7,899	4.5	358
Sire, 189172; dam, 235598.	26 dams----	101	7,666	4.6	356
Used in Tri-State Co-op. A. B. A.	Difference--	(15-10-14)	+233	-.1	+2
BROOKSIDE REFEREE'S LARRY 321752-------	5 daughters	7	9,584	5.1	485
Born, 2-13-42; proved, 11-1-50; dead ; Pa.	5 dams----	12	7,772	4.8	377
Sire, 232419; dam, 588686.	Difference-	(5-4-5)	+1,812	+.3	+108
Herd Owner, John Buffington, Mechanicsburg.					
CATHEDRAL MAJOR RILMA 315907----------	8 daughters	12	8,535	4.6	390
Born, 10-12-41; proved, 11-1-50; ; Pa.	8 dams----	31	8,124	4.8	391
Sire, 219344; dam, 421823.	Difference-	(4-2-4)	+411	-.2	-1
Herd Owner, C. E. Cassel & Son, Hummelstown.					
CAUMSETT CHIEFTAIN 279849*10----------	33 daughters	91	7,526	4.9	370
Born, 4-19-37; proved, 11-17-50; dead ; Mass.	29 daughters	85	7,536	4.9	371
Sire, 204888; dam, 415913.	29 dams----	113	7,837	5.3	413
Herd Owner, Sheldegren Farm, Greenfield.	Difference--	(12-7-10)	-301	-.4	-42
CESOR PENWYN'S WAND 321638----------	14 daughters	28	7,452	4.6	344
Born, 4-18-41; proved, 11-30-50; dead ; Wis.	11 daughters	22	7,626	4.6	349
Sire, 254831; dam, 472807.	11 dams----	39	7,644	4.5	345
Used in Tri-State Co-op. A. B. A.	Difference---	(7-6-4)	-18	+.1	+4
CLORA'S POINT TOR 318883*13----------	22 daughters	40	7,916	4.8	383
Born, 1-15-42; proved, 11-30-50; ; Pa.	21 daughters	37	7,962	4.8	386
Sire, 257536; dam, 559608.	21 dams----	93	8,539	5.0	426
Herd Owner, John A. Breneman, Willow Street.	Difference--	(8-8-8)	-577	-.2	-40

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
CORONATION CARDINAL 295567	16 daughters	16	7,464	4.8	356
Born, 10-23-40; proved, 11-17-50; dead ; Mass.	12 daughters	12	7,884	4.8	382
Sire, 201927; dam, 524996.	12 dams	19	7,308	5.2	378
Herd Owner, Fairfields Farm, Williamstown.	Difference	(7-1-4)	+576	-.4	+4
DREAMWOLD RUFUS 297387	6 daughters	6	7,122	4.3	307
Born, 9-1-40; proved, 11-20-50; ; Vt.	6 dams	14	8,089	4.5	366
Sire, 238657; dam, 333782.	Difference	(1-2-1)	-967	-.2	-59
Herd Owner, Lyman G. Morrill, St. Johnsbury.					
ECHO DELL ORION 372945	5 daughters	5	7,959	4.9	388
Born, 2-6-45; proved, 11-1-50; ; Iowa.	5 dams	8	7,058	5.0	356
Sire, 312060; dam, 576849.	Difference	(3-1-3)	+901	-.1	+32
Herd Owner, Dannen Guernsey Farms, Melbourne.					
EDEN HILL HOLLISTAR 248345*10	40 daughters	104	7,209	4.8	349
Born, 4-14-37; proved, 11-24-50; ; Wis.	37 daughters	101	7,152	4.8	346
Sire, 226130; dam, 336695.	37 dams	174	7,742	4.8	372
Used in Tri-State Co-op. A. B. A.	Difference	(11-26-10)	-590	.0	-26
ELMDALE CARNATION 267510*9	11 daughters	19	8,365	4.8	402
Born, 11-12-36; proved, 11-28-50; ; Ind.	10 daughters	18	8,435	4.8	405
Sire, 198610; dam, 184676.	10 dams	30	7,992	4.6	366
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference	(5-8-6)	+443	+.2	+39
ELMWOOD FARMS JILL'S JUDE 299827*11	18 daughters	39	7,637	4.9	372
Born, 2-26-37; proved, 11-1-50; ; N. Y.	15 daughters	36	7,927	4.9	385
Sire, 214348; dam, 305216.	15 dams	73	7,955	4.8	378
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference	(8-8-9)	-28	+.1	+7
ETH-MEAD LILY'S AJAX 292407	13 daughters	18	6,966	4.4	309
Born, 8-14-39; proved, 11-20-50; ; Mich.	6 daughters	10	6,209	4.5	279
Sire, 241116; dam, 552854.	6 dams	22	7,784	4.6	358
Herd Owner, Charles T. Lathers, Brutus.	Difference	(0-3-0)	-1,575	-.1	-79
FOREMOST SUMMIT 295895*13	14 daughters	28	8,552	4.4	380
Born, 1-29-40; proved, 11-28-50; ; Wis.	11 daughters	23	8,506	4.4	375
Sire, 229913; dam, 375205.	11 dams	32	7,593	4.8	365
Used in Badger Co-op. A. B. A.	Difference	(7-2-6)	+913	-.4	+10
GREEN GABLES NIPIGON 281475*13	17 daughters	24	7,552	4.9	369
Born, 11-10-39; proved, 11-28-50; ; Ill.	12 daughters	17	7,750	4.9	379
Sire, 192431; dam, 440312.	12 dams	38	8,944	4.6	415
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference	(5-11-5)	-1,194	+.3	-36
GREEN MEADS DIRECTOR 333260	8 daughters	10	7,765	4.8	370
Born, 8-21-42; proved, 11-20-50; ; Conn.	7 daughters	8	7,762	4.8	370
Sire, 282708; dam, 449471.	7 dams	20	8,851	4.7	415
Herd Owner, Tudor F. Holcomb, West Granby.	Difference	(3-4-3)	-1,089	+.1	-45
HOPEWELL PRIMROSE NOBLE 279854*14	17 daughters	24	9,842	4.4	435
Born, 6-3-39; proved, 11-28-50; dead; Wis.	9 daughters	12	10,361	4.5	465
Sire, 245220; dam, 464963.	9 dams	20	9,809	4.3	423
Used in Wis. Scientific Breeding Institute (A. B. A.).	Difference	(5-7-7)	+552	+.2	+42
HUNTER'S HARVESTER 302870	8 daughters	10	6,592	5.0	330
Born, 3-24-40; proved, 11-20-50; ; Ohio.	5 daughters	7	6,119	5.2	316
Sire, 217129; dam, 190095.	5 dams	5	7,014	4.9	344
Herd Owner, Cecil Hunter, Yellow Springs.	Difference	(2-3-2)	-895	+.3	-28
KING OF NEW WINDSOR 322628	8 daughters	9	7,756	4.9	384
Born, 8-16-42; proved, 11-1-50; dead ; Md.	7 daughters	8	7,493	5.0	372
Sire, 205129; dam, 424488.	7 dams	22	6,890	5.3	367
Herd Owner, Andrew J. Hoff, New Windsor.	Difference	(5-0-4)	+603	-.3	+5
LAIRD'S GOLDEN EGO 294635	7 daughters	9	5,911	5.1	299
Born, 6-17-40; proved, 11-16-50; ; Minn.	7 dams	31	6,554	4.2	278
Sire, 256819; dam, 465679.	Difference	(1-7-4)	-643	+.9	+21
Herd Owner, Joe Biondi, Chisholm.					
LASSIE'S JUMBO 292644	10 daughters	21	5,797	4.6	267
Born, 9-30-38; proved, 11-17-50; ; W. Va.	8 daughters	13	6,270	4.9	305
Sire, 222409; dam, 243809.	6 dams	6	6,348	4.7	298
Herd Owner, Howard Hubbs, Glen Easton.	Difference	(2-4-3)	-78	+.2	+7
LOCKSHORE MONOGRAM 203591*9	34 daughters	78	8,691	4.9	424
Born, 3-30-32; proved, 11-24-50; dead; Mich.	25 daughters	63	8,877	4.9	435
Sire, 63072; dam, 163060.	25 dams	68	7,875	4.7	371
Used in American Dairy Guernsey A.B.A., Ill.	Difference	(17-16-16)	+1,002	+.2	+64

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
LONESOME PINE MAJOR 332431----------	12 daughters	19	8,021	4.9	389
Born, 9-29-42; proved, 11-20-50; dead ; N. Y.	5 daughters-	7	7,695	4.6	356
Sire, 266915; dam, 692110.	5 dams-----	9	7,398	4.6	342
Herd Owner, Grant Taber, Mecklenburg.	Difference--	(3-3-4)	+297	.0	+14
MCDONALD FARMS BRIGADIER 262514-------	12 daughters	16	7,149	4.8	346
Born, 6-7-36; proved, 11-1-50; ; Pa.	5 daughters-	8	8,187	4.8	395
Sire, 212227; dam, 389721.	5 dams-----	8	6,969	4.6	319
Used in Western Pennsylvania Co-op. A. B. A.	Difference--	(5-3-4)	+1,218	+.2	+76
MCDONALD FARMS FOUNDATION 293525------	18 daughters	30	7,141	5.1	367
Born, 4-19-40; proved, 11-14-50; ; N. Y.	6 daughters-	9	7,386	5.2	385
Sire, 262516; dam, 628376.	6 dams-----	12	9,059	4.6	418
Herd Owner, L. W. Sheldon & Sons, Fulton.	Difference--	(1-5-1)	-1,673	+.6	-33
MCDONALD FARMS GOLDEN KING 303218-----	12 daughters	21	8,687	5.1	441
Born, 12-5-40; proved, 11-20-50; ; Iowa.	6 daughters-	9	8,107	5.1	411
Sire, 233983; dam, 506860.	6 dams-----	18	8,227	4.7	384
Herd Owner, Suburban Guernsey Farm, Burlington.	Difference--	(3-6-5)	-120	+.4	+37
NODROG GLADIATOR 302396----------	15 daughters	29	8,219	4.9	405
Born, 11-16-39; proved, 11-20-50; dead ; N. Y.	9 daughters-	16	8,139	5.0	406
Sire, 252156; dam, 396823.	9 dams-----	33	8,288	4.6	383
Herd Owner, Lynn M. Ripley, Skaneateles.	Difference--	(4-7-7)	-149	+.4	+23
OAK ISLAND'S ANDY 320207----------	8 daughters	12	8,516	5.5	472
Born, 2-15-42; proved, 11-1-50; ; Mich.	6 daughters	9	8,462	5.5	468
Sire, 274646; dam, 637568.	6 dams----	24	8,781	5.1	449
Herd Owner, McCoy & Herman, Niles.	Difference-	(3-5-4)	-319	+.4	+19
QUAIL ROOST DOROTHY'S MAXIM 263640-----	9 daughters	14	7,521	5.1	383
Born, 6-20-38; proved, 11-28-50; ; Pa.	5 daughters	9	7,683	5.0	384
Sire, 209991; dam, 305918.	5 dams----	14	8,909	5.1	450
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference-	(2-3-1)	-1,226	-.1	-66
RANCHO TROJAN 256119*8----------	26 daughters	71	7,028	4.8	335
Born, 5-25-37; proved, 11-28-50; dead; Wis.	23 daughters	61	7,111	4.8	339
Sire, 188917; dam, 132009.	23 dams----	58	6,986	5.0	350
Used in Tri-State Co-op. A. B. A.	Difference--	(11-7-10)	+125	-.2	-11
RESERVATION LOUIS D'OR 189056*5----------	37 daughters	92	7,773	5.3	410
Born, 10-30-30; proved, 11-24-50; ; N. Y.	31 daughters	81	7,489	5.2	390
Sire, 102346; dam, 72596.	31 dams----	132	7,203	5.1	364
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference--	(21-17-19)	+286	+.1	+26
RIDGLYDALE'S LONSDALE ALERT 267014*11-	22 daughters	37	9,113	5.0	460
Born, 10-25-37; proved, 11-28-50; ; Ill.	14 daughters	23	9,512	5.1	489
Sire, 198651; dam, 450813.	14 dams----	37	8,632	4.9	424
Used in Wis. Scientific Breeding Institute, Wis. (A. B. A.).	Difference--	(8-11-10)	+880	+.2	+65
SEQUEL THESPIAN'S BUTTERFAT 315928-----	12 daughters	13	8,252	4.8	395
Born, 1-10-42; proved, 11-3-50; ; Pa.	7 daughters-	8	8,250	4.9	401
Sire, 262384; dam, 486716.	7 dams-----	17	6,956	5.0	348
Herd Owner, V.S. & F.M. Shelley, Perkasie.	Difference--	(5-1-5)	+1,294	-.1	+53
SHAMROCK'S ROYAL PRINCE 297976---------	10 daughters	17	7,640	4.8	366
Born, 6-25-40; proved, 11-20-50; ; Pa.	7 daughters-	11	7,785	4.7	364
Sire, 256616; dam, 319603.	7 dams-----	11	7,662	4.8	370
Herd Owner, T. M. Cannon, Sharpsville.	Difference--	(3-5-3)	+123	-.1	-6
SHELDEGREN HERO LAD 331880----------	14 daughters	19	9,058	5.0	449
Born, 12-12-42; proved, 11-1-50; dead ; Mass.	14 dams----	71	7,505	5.1	382
Sire, 283662; dam, 621509.	Difference--	(8-7-8)	+1,553	-.1	+67
Herd Owner, Sheldegren Farm, Greenfield.					
STAN'S SECRET REVELER 322140----------	5 daughters	7	7,907	5.0	393
Born, 2-5-40; proved, 11-1-50; dead ; Kans.	5 dams----	15	7,548	4.7	354
Sire, 254345; dam, 556844.	Difference-	(3-5-3)	+359	+.3	+38
Herd Owner, Joe M. Graber, Pretty Prairie.					
SUNNYFIELDS VENGEANCE 231371----------	8 daughters	17	8,766	4.7	409
Born, 12-31-34; proved, 11-17-50; ; R. I.	8 dams----	35	8,551	4.6	397
Sire, 158683; dam, 241377.	Difference-	(3-6-4)	+215	+.1	+12
Herd Owner, M. M. Van Buren, Middletown.					
TOLL GATE KING MAB 302020----------	6 daughters	6	11,728	4.2	493
Born, 1-11-41; proved, 11-20-50; ; Conn.	6 dams----	15	9,323	4.6	426
Sire, 262046; dam, 678127.	Difference-	(5-1-4)	+2,405	-.4	+67
Herd Owner, Lela Marquise de Talleyrand, Abington.					

GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
TRIUMPH OF WOODSIDE 301279----------	10 daughters	19	9,045	4.6	416
Born, 12-23-40; 11-30-50; ; Ohio.	5 daughters-	9	8,479	4.4	377
Sire, 252155; dam, 487571.	5 dams-----	5	8,178	4.6	374
Herd Owner, Ben R. & H. M. Colville, St. Louisville.	Difference--	(2-1-3)	+301	-.2	+3
TWO BROOKS MERLIN 295880----------	6 daughters	11	9,476	4.6	440
Born, 6-13-40; proved, 11-14-50; ; Pa.	5 daughters	10	9,028	4.9	439
Sire, 226497; dam, 396197.	5 dams----	15	9,509	4.7	449
Herd Owner, Grayce Farms, Dalton.	Difference-	(2-4-2)	-481	+.2	-10
VAGABOND OF DELAMERE 333243----------	14 daughters	17	7,784	5.2	401
Born, 10-19-41; proved, 11-20-50; ; Md.	6 daughters-	6	7,983	5.2	417
Sire, 231275; dam, 415490.	6 dams-----	25	7,603	5.0	381
Herd Owner, J. Hugh Warrenfeltz, Smithburg.	Difference--	(4-4-5)	+380	+.2	+36
WATCHFUL BOY 290668----------	8 daughters	10	7,956	5.2	414
Born, 7-27-40; proved, 11-17-50; ; Mass.	6 daughters	8	7,977	5.4	432
Sire, 232702; dam, 352351.	6 dams----	12	7,531	5.0	375
Herd Owner, George F. Gibson, Monterey.	Difference-	(3-4-5)	+446	+.4	+57
WOODSIDE PRINCE SUPERIOR 236302----------	5 daughters	9	6,585	4.4	290
Born, 12-31-35; proved, 11-17-50; ; Vt.	5 dams----	18	5,645	4.6	260
Sire, 206803; dam, 409205.	Difference-	(3-2-2)	+940	-.2	+30
Herd Owner, A. T. Smith & Son, Barre.					
WYCHMERE DAUNTLESS MARCO POLO 324175----------	7 daughters	13	6,503	4.6	300
Born, 9-27-42; proved, 11-1-50; ; Maine.	6 daughters	12	6,822	4.7	317
Sire, 267468; dam, 580444.	6 dams----	15	6,594	4.7	312
Herd Owner, Sherley Sweet, Hulls Cove.	Difference-	(3-1-2)	+228	.0	+5

HOLSTEIN SIRES

ADMIRAL KIMPRE 921084----------	5 daughters	6	13,456	3.9	525
Born, 11-19-43; proved, 11-8-50; dead ; Maine.	5 dams----	20	12,933	3.9	502
Sire, 760621; dam, 2062765.	Difference-	(4-3-3)	+523	.0	+23
Herd Owner, F. J. Nutter, Corinna.					
AMANA FOBES PONTIAC 876444----------	9 daughters	14	14,003	3.5	493
Born, 3-1-43; proved, 11-30-50; ; Iowa.	5 daughters	8	15,342	3.5	542
Sire, 759142; dam, 2131915.	5 dams----	14	11,823	3.6	431
Herd Owner, Amana Society, Amana.	Difference-	(5-1-4)	+3,519	-.1	+111
AMITY TORTILLA ORMSBY 925940----------	6 daughters	6	11,378	3.9	449
Born, 7-25-43; proved, 11-30-50; ; Conn.	6 dams----	13	10,670	3.6	386
Sire, 757213; dam, 2134118.	Difference-	(4-6-5)	+708	+.3	+63
Herd Owner, David Schreiber, Southbury.					
BECKVALE ROSE ADMIRAL 871374----------	11 daughters	16	11,277	3.5	396
Born, 9-13-42; proved, 11-30-50; ; Wis.	7 daughters-	9	11,511	3.4	395
Sire, 758851; dam, 1787680.	7 dams-----	17	9,709	3.4	331
Herd Owner, Lyle Beck, Oshkosh.	Difference--	(7-4-7)	+1,802	.0	+64
BELLE-GRANT ONA LESTER 871120----------	5 daughters	10	15,579	3.3	507
Born, 5-11-41; proved, 11-20-50; ; Mich.	5 dams----	14	14,733	3.4	498
Sire, 742756; dam, 1883851.	Difference-	(3-2-2)	+846	-.1	+9
Herd Owner, J. H. & R. D. Chamberlain, Leslie.					
BONN DIX ORM LAND 854788----------	10 daughters	18	12,144	3.5	429
Born, 11-12-41; proved, 11-30-50; ; N. J.	6 daughters-	11	11,716	3.6	422
Sire, 738851; dam, 2064014.	6 dams-----	9	9,986	3.7	366
Herd Owner, Joseph B. Hunt, Newton.	Difference--	(5-3-5)	+1,730	-.1	+56
BONNIEREST ARTIS ORMSBY PAUL 938440----	5 daughters	5	10,566	3.4	360
Born, 7-2-44; proved, 11-8-50; ; N. Y.	5 dams----	20	11,181	3.3	368
Sire, 680074; dam, 1985156.	Difference-	(2-4-2)	-615	+.1	-8
Herd Owner, James H. Dickson, Delhi.					
BURNLEY VEEMAN KORNDYKE DE KOL 602612----------	13 daughters	35	9,664	3.5	339
Born, 5-24-27; proved, 11-16-50; ; Va.	7 daughters-	13	9,589	3.6	343
Sire, 216831; dam, 443759.	7 dams-----	29	10,015	3.5	351
Herd Owner, Mrs. G. E. Fisher & Sons, Gordonsville.	Difference--	(4-5-3)	-426	+.1	-8
CARNATION IMPERIAL ADVOCATE 903205----	10 daughters	13	12,870	3.5	447
Born, 1-13-44; proved, 11-2-50; alive ; Idaho.	7 daughters-	8	12,277	3.5	433
Sire, 698462; dam, 2068708.	7 dams-----	14	13,028	3.4	437
Herd Owner, Silas E. Spaulding, Rexburg.	Difference--	(3-6-4)	-751	+.1	-4
CARNATION IMPERIAL SEGIS 768201----------	17 daughters	37	12,737	3.7	470
Born, 10-30-38; proved, 11-29-50; ; Calif.	7 daughters-	19	12,635	3.7	465
Sire, 698462; dam, 1820801.	7 dams-----	14	11,074	3.6	395
Herd Owner, William Linhares, Turlock.	Difference--	(5-4-6)	+1,561	+.1	+70

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
CARNATION WALKER PIEBE KEKOL 748652---	13 daughters	14	14,196	3.3	466
Born, 3-23-37; proved, 11-30-50; ; Ariz.	8 daughters-	9	14,886	3.3	498
Sire, 559505; dam, 1326309.	8 dams-----	26	14,490	3.2	468
Herd Owner, Davidson-Young , Phoenix.	Difference--	(4-7-5)	+396	+.1	+30
CHEROKEE DIPLOMAT 874706----------	5 daughters	6	14,404	3.5	503
Born, 8-15-42; proved, 11-30-50; ; Iowa.	5 dams----	11	10,528	3.7	387
Sire, 791425; dam, 1779385.	Difference-	(5-2-5)	+3,876	-.2	+116
Herd Owner, Cherokee State Hospital, Cherokee.					
CHERRYBOLD ORMSBY PAUL 827287---------	9 daughters	11	10,940	3.8	411
Born, 5-23-41; proved, 11-30-50; ; Wis.	8 daughters	9	10,573	3.8	404
Sire, 737642; dam, 1904001.	8 dams----	25	11,462	3.9	445
Herd Owner, Carroll G. Rock, Plymouth	Difference-	(0-3-1)	-889	-.1	-41
CLOVER HEIGHTS BURKE PRILLY 815596*13--	20 daughters	38	12,775	3.5	445
Born, 11-22-39; proved, 11-16-50; dead; N. Y.	14 daughters	27	12,904	3.5	446
Sire, 719432; dam, 1708629.	14 dams----	26	12,532	3.6	455
Herd Owner, Clover Heights Farm, Pittsford.	Difference--	(10-4-6)	+372	-.1	-9
COFFEYDALE BESS FOBES BOLD 884431-----	7 daughters	13	14,273	3.4	480
Born, 12-4-42; proved, 11-30-50; ; Mich.	5 daughters	10	15,008	3.4	515
Sire, 822580; dam, 1347037.	5 dams----	18	14,577	3.5	506
Used in Michigan Co-op. A.B.A., Inc.	Difference-	(3-3-3)	+431	-.1	+10
CORNELL BOAST ORMSBY 749511----------	20 daughters	45	12,5[illegible]	3.4	431
Born, 10-31-37; proved, 11-30-50; ; N.Y.	14 daughters-	14	12,[illegible]	[illegible]	434
Sire, 714240; dam, 1772336.	5 dams-----	14	12,[illegible]	3.4	440
Herd Owner, James H. Arnold & Son, Amsterdam.	Difference--	(2-3-3)	-713	+.1	-6
CORNELL PLEDGE ECHOLAND 875840--------	12 daughters	17	11,172	3.9	438
Born, 1-8-43; proved, 11-20-50; ; N. Y.	8 daughters-	9	12,217	3.9	479
Sire, 746743; dam, 1959807.	8 dams-----	31	12,928	3.8	487
Herd Owner, Dr. Kenneth F. Chase, Pine Plains.	Difference--	(3-5-4)	-711	+.1	-8
DE KOL STAR BUTTER BOY 967951----------	5 daughters	7	9,746	3.6	348
Born, 5-24-44; proved, 11-3-50; ; Pa.	5 dams----	20	10,770	3.6	384
Sire, 839664; dam, 2245306.	Difference-	(3-2-2)	-1,024	.0	-36
Herd Owner, Leland Pratt & Sons, Troy.					
DIBBSON RAG APPLE DELLA ROXIE 854813---	16 daughters	21	8,858	3.8	333
Born, 8-16-42; proved, 11-30-50; ; Pa.	6 daughters-	8	9,011	4.1	365
Sire, 771427; dam, 1955897.	6 dams-----	23	9,896	3.8	373
Herd Owner, J. Ray Stalker, Equinunk.	Difference--	(3-5-2)	-885	+.3	-8
DOUBLE BESSIE PROSPECT 749374----------	9 daughters	19	11,518	3.5	407
Born, 3-7-37; proved, 11-30-50; ; Pa.	5 daughters	11	12,519	3.5	436
Sire, 665134; dam, 1496361.	5 dams----	10	11,287	3.4	387
Herd Owner, Chas. L. Wilkinson, Rushland.	Difference-	(4-3-4)	+1,232	+.1	+49
EHREDT HARLAN CHAMP 934732----------	5 daughters	5	14,858	3.5	517
Born, 8-5-44; proved, 11-8-50; ; Wis.	5 dams----	14	11,335	3.6	404
Sire, 878645; dam, 2310903.	Difference-	(4-3-4)	+3,523	-.1	+113
Herd Owner, Hermanson & Brunsell, Evansville.					
ELANWE JOE MATADOR FOBES 674830-------	7 daughters	11	9,556	3.5	336
Born, 10-18-31; proved, 11-16-50; ; Ky.	5 daughters	9	10,052	3.5	353
Sire, 611600; dam, 1443497.	5 dams----	10	12,011	3.3	393
Herd Owner, C. Earl Smith, Finchville.	Difference-	(0-5-1)	-1,959	+.2	-40
ELLBANK SENSATION KING 882024----------	12 daughters	15	12,602	3.8	473
Born, 8-5-42; proved, 11-7-50; dead ; N. Y.	6 daughters-	8	11,759	3.9	461
Sire, 725627; dam, 1792218.	6 dams-----	9	11,961	3.5	417
Herd Owner, N. Augustus Briggs, Millbrook.	Difference--	(2-5-4)	-202	+.4	+44
ELLKAY ROYAL RAIDER 681394----------	10 daughters	24	10,345	3.5	365
Born, 11-3-33; proved, 11-16-50; dead ; N. Y.	5 daughters-	11	10,541	3.5	374
Sire, 651580; dam, 1569026.	5 dams-----	13	11,725	3.0	347
Herd Owner, Grover C. Guernsey, Cobleskill.	Difference--	(2-5-3)	-1,184	+.5	+27
ELROC JACKIE DELLAGAIN 871753----------	5 daughters	7	11,623	3.3	378
Born, 1-17-43; proved, 11-30-50; ; Pa.	5 dams----	23	11,244	3.4	377
Sire, 746337; dam, 2108082.	Difference-	(2-2-2)	+379	-.1	+1
Herd Owner, Ronald Messenger, Spartansburg.					
EMMONS FARMS ORMSBY STAR 959178-------	5 daughters	5	14,423	3.5	500
Born, 4-18-45; proved, 11-15-50; ; Mich.	5 dams----	11	11,212	3.5	397
Sire, 688260; dam, 1861860.	Difference-	(4-3-4)	+3,211	.0	+103
Herd Owner, Gerald Emmons, Riga.					
FABIUS BEENIE SEGIS 681639----------	10 daughters	13	10,978	3.6	396
Born, 3-16-33; proved, 11-16-50; ; Mich.	8 daughters-	10	11,170	3.6	405
Sire, 336756; dam, 1229473.	8 dams-----	21	9,196	3.4	317
Herd Owner, M. Clare Monroe, Pittsford.	Difference--	(5-7-6)	+1,974	+.2	+88

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
FRANLO BESSIE ROEBUCK KING (TWIN) 864935	11 daughters	12	11,291	3.3	375
Born, 12-4-42; proved, 11-7-50; dead ; Minn.	5 daughters	5	12,958	3.4	436
Sire, 667791; dam, 2305883.	5 dams	8	11,211	3.2	362
Herd Owner, John P. Peltz, Waconia.	Difference	(5-4-4)	+1,747	+.2	+74
G C B CARNATION GOVERNOR WHARTON 977276	7 daughters	7	16,716	3.5	582
Born, 11-21-44; proved, 11-16-50; ; N.Y.	7 dams	9	13,039	3.7	489
Sire, 730828; dam, 2305558.	Difference	(6-2-6)	+3,677	-.2	+93
Herd Owner, Baird Farms, Inc., Holcomb.					
G C B DONSEGIS PIEBE KUPERUS 882404	7 daughters	7	13,493	3.5	469
Born, 3-15-43; proved, 11-7-50; ; N. Y.	5 daughters	5	13,516	3.6	489
Sire, 739517; dam, 1751894.	5 dams	17	11,637	3.5	410
Herd Owner, North Brothers, Victor.	Difference	(4-3-4)	+1,879	+.1	+79
GODFREYS MARTO ORMSBY KEITH 861900	7 daughters	10	11,399	3.7	426
Born, 10-19-42; proved, 11-30-50; ; Wis.	5 daughters	5	11,705	3.8	447
Sire, 750581; dam, 1880582.	5 dams	9	13,524	3.3	445
Herd Owner, Christian L. Sprecher, Plain.	Difference	(0-5-2)	-1,819	+.5	+2
GRASSMOOR HOMESTEAD MONTVIC 951405	6 daughters	6	11,987	3.6	436
Born, 7-5-44; proved, 11-8-50; alive ; Va.	5 daughters	5	12,047	3.6	438
Sire, 735283; dam, 2233163.	5 dams	7	9,600	3.7	359
Herd Owner, R. E. McComb, Purcellville.	Difference	(4-3-4)	+2,447	-.1	+79
GROMOR PABST SIR BURKE INKA 939728	6 daughters	7	15,802	3.4	545
Born, 5-6-44; proved, 11-8-50; ; N. Y.	5 daughters	6	15,290	3.5	538
Sire, 659555; dam, 2134085.	5 dams	23	12,301	3.7	454
Herd Owner, Norwood Burtless, Port Byron.	Difference	(4-1-4)	+2,989	-.2	+74
HALLROSE HAZEL DON 861735	7 daughters	7	13,497	3.5	468
Born, 12-14-42; proved, 11-7-50;alive ; Wash.	6 daughters	6	12,914	3.4	441
Sire, 813662; dam, 2068927.	6 dams	22	14,455	3.7	538
Herd Owner, Lockhart Farms, Mt. Vernon.	Difference	(3-2-2)	-1,541	-.3	-97
HARTFORD PRINCE ORMSBY 854657	22 daughters	35	10,826	3.4	367
Born, 10-8-41; proved, 11-30-50; ; Minn.	11 daughters	17	11,376	3.4	383
Sire, 743690; dam, 1852157.	11 dams	29	11,889	3.4	405
Herd Owner, Lloyd Alberts, Pine Island.	Difference	(2-5-3)	-513	.0	-22
HAWTHORN ROYAL BLEND 875226	7 daughters	8	11,856	3.6	422
Born, 11-13-42; proved, 11-30-50; ; Ill.	5 daughters	6	12,222	3.6	435
Sire, 830017; dam, 2238243.	5 dams	15	10,088	3.4	339
Herd Owner, Delbert Bowser, Illinois City.	Difference	(4-5-4)	+2,134	+.2	+96
HENGERVELD ORMSBY JACK PONTIAC 892133	6 daughters	6	10,470	3.4	357
Born, 1-14-43; proved, 11-14-50; ; Pa.	5 daughters	5	10,513	3.5	364
Sire, 831591; dam, 2004107.	5 dams	11	12,157	3.3	403
Herd Owner, Charles & Pearl Alsdorf, Union City.	Difference	(1-5-1)	-1,644	+.2	-39
HILDECREST RAG APPLE MERCEDES HERB 927875	10 daughters	15	10,711	3.7	397
Born, 8-14-42; proved, 11-8-50; ; Wis.	6 daughters	10	9,700	3.9	374
Sire, 741168; dam, 2076270.	6 dams	23	7,870	3.6	287
Herd Owner, Herman Engel & Son, Larson.	Difference	(5-5-5)	+1,830	+.3	+87
HILL-MAN BURKE POT-O-GOLD 854638	8 daughters	9	13,785	3.7	506
Born, 8-8-42; proved, 11-30-50; ; Iowa.	6 daughters	7	13,093	3.7	482
Sire, 790805; dam, 1981945.	6 dams	7	12,627	3.5	443
Herd Owner, Henry County Home, Mt. Pleasant.	Difference	(3-4-4)	+466	+.2	+39
HILLSBORO CHIEF EXCELLENCE 863143	7 daughters	9	11,547	3.5	409
Born, 9-29-42; proved, 11-7-50; alive ; Va.	5 daughters	7	11,305	3.6	405
Sire, 715512; dam, 2071611.	5 dams	8	10,249	3.5	356
Herd Owner, Curles Neck Farm, Richmond.	Difference	(4-5-4)	+1,056	+.1	+49
HILLVIEW MERCEDES ANTHRACITE 826893	6 daughters	13	10,926	3.6	395
Born, 11-19-40; proved, 11-30-50; ; N. Y.	6 dams	31	11,900	3.4	408
Sire, 122099 CHB; dam, 380568 CHB.	Difference	(2-4-2)	-974	+.2	-13
Herd Owner, Arthur E. Johnson & Son, Caledonia.					
HOWCOJEL SIR NOCKDAIR JUPITER 828054	9 daughters	10	10,894	3.5	379
Born, 4-10-41; proved, 11-30-50; ; Mass.	5 daughters	6	10,490	3.4	356
Sire, 648473; dam, 1622924.	5 dams	8	10,521	3.5	365
Herd Owner, Tewksbury State Hospital, Tewksbury	Difference	(3-2-2)	-31	-.1	-9
IDYLSPRING KING SUSIE BEETS 678716	7 daughters	15	10,876	3.4	369
Born, 11-9-32; proved, 11-29-50; ; Iowa.	5 daughters	8	9,976	3.4	336
Sire, 676543; dam, 487456.	5 dams	7	13,278	3.3	432
Herd Owner, Olaf Nelson, Ruthven.	Difference	(1-3-1)	-3,302	+.1	-96

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
JOCASU WOODMASTER WALKER 925383-------5 daughters		8	10,415	3.5	369
Born, 9-4-41; proved, 11-8-50; ; Md.	5 dams----	16	11,493	3.2	368
Sire, 884424; dam, 2498058.	Difference-	(1-5-2)	-1,078	+.3	+1
Herd Owner, T. Roe Leaverton, Centerville.					
JOHANNA BIG BOY 681843 ----------	13 daughters	31	9,916	3.3	326
Born, 1-7-33; proved, 11-29-50; ; Ky.	5 daughters-	9	8,680	3.3	282
Sire, 589848; dam, 1446175.	5 dams-----	8	9,991	3.2	315
Herd Owner, Herringer Bros., California.	Difference--	(1-4-2)	-1,311	+.1	-33
JO ORMSBY WITTIG 855099 ----------	8 daughters	14	9,394	3.5	330
Born, 6-13-42; proved, 11-20-50; ; Wis.	8 dams----	21	11,057	3.9	432
Sire, 817458; dam, 1866508.	Difference-	(3-2-1)	-1,663	-.4	-102
Herd Owner, George J. Hegy, Sr., Hartford.					
JUNIOR ORDER ORMSBY KORNDYKE 656384 --	10 daughters	11	9,382	3.5	332
Born, 2-18-30; proved, 11-29-50; ; N. C.	7 daughters-	7	9,727	3.6	353
Sire, 467131; dam 851221.	7 dams-----	7	9,266	3.1	288
Herd Owner, Jr. Order Orphanage Home, Lexington.	Difference--	(6-6-6)	+461	+.5	+65
KELCO ORMSBY ADIRONDAC KING 876247-----10 daughters		12	12,617	3.6	454
Born, 11-13-42; proved, 11-30-50; ; N. Y.	8 daughters-	10	12,473	3.7	462
Sire, 760725; dam, 1993018.	8 dams-----	34	11,097	3.4	380
Herd Owner, Erford Downey, Clarence.	Difference--	(5-7-6)	+1,376	+.3	+82
KING ARNOLD K POSCH 807179*13----------14 daughters		26	14,187	3.5	497
Born, 8-6-40; proved, 11-30-50; ; Kans.	7 daughters-	11	15,161	3.5	535
Sire, 767228; dam, 1866689.	7 dams-----	14	11,741	3.5	409
Herd Owner, St. Joseph's Orphan Home, Abilene.	Difference--	(6-5-6)	+3,420	.0	+126
KING BELLE ORMSBY IDEAL 682974----------11 daughters		35	11,321	3.3	369
Born, 10-3-32; proved, 11-29-50; ; N. Y.	10 daughters	32	11,337	3.2	368
Sire, 570676; dam, 1208452.	10 dams----	33	11,840	3.3	386
Herd Owner, Lowell F. Mayne, Burlington Flats.	Difference--	(3-6-4)	-503	-.1	-18
KING LESTER ORMSBY LAKEFIELD 857218---	20 daughters	25	11,210	3.6	403
Born, 7-31-42; proved, 11-2-50; ; Pa.	16 daughters	19	11,290	3.6	410
Sire, 698278; dam, 1860604.	16 dams----	48	11,831	3.6	416
Herd Owner, Will Hasbrouck, Titusville.	Difference--	(5-14-6)	-541	+.1	-6
KING SEGIS HARTJE CREAMELLE 682908-----18 daughters		60	10,895	3.4	375
Born, 2-13-33; proved, 11-16-50; ; Pa.	5 daughters-	8	11,398	3.6	405
Sire, 638713; dam, 1303581.	5 dams-----	7	12,325	3.4	416
Herd Owner, Scott & Cole, Montrose.	Difference--	(2-4-3)	-927	+.2	-11
LAURELCREST POSCH MONTVIC 872207 ------5 daughters		7	10,803	3.7	395
Born, 1-11-43; proved, 11-30-50; ; N. Y.	5 dams----	17	11,465	3.6	408
Sire, 120089 CHB; dam, 2308041.	Difference-	(2-4-2)	-662	+.1	-13
Herd Owner, Hugh Ladley & Sons, Piffard.					
LINE GERBEN TWIE COLANTHA PRIDE ONA 748137----------	16 daughters	23	11,883	3.4	407
Born, 12-30-36; proved, 11-30-50; dead; Pa.	9 daughters-	14	12,073	3.4	415
Sire, 603883; dam, 1654759.	9 dams-----	32	12,488	3.6	447
Herd Owner, Milmay Farm, Loysville.	Difference--	(3-4-3)	-415	-.2	-32
LOCLAN SIR BESS DE KOL (TWIN) 888340 -----5 daughters		9	13,650	3.6	487
Born, 7-6-43; proved, 11-30-50; ; Mich.	5 dams----	10	13,507	3.4	465
Sire, 724856; dam, 1865049.	Difference-	(3-4-3)	+143	+.2	+22
Herd Owner, Wayne & Pearl Robinson & Son, Grand Ledge.					
MALLARY FARM RAG APPLE LIEUTENANT 834876----------14 daughters		23	12,310	3.4	420
Born, 6-12-41; proved, 11-30-50; ; N. H.	13 daughters	21	12,278	3.4	420
Sire, 653486; dam, 2070422.	13 dams----	29	12,277	3.4	419
Herd Owner, Joel E. Barney, Plymouth.	Difference--	(8-7-8)	+1	.0	+1
MAPLE HAVEN PROFESSOR 915474 ----------	5 daughters	5	14,278	3.4	491
Born, 7-7-44; proved, 11-14-50; ; N. Y.	5 dams----	16	12,303	3.4	421
Sire, 769435; dam, 1935161.	Difference-	(4-3-4)	+1,975	.0	+70
Herd Owner, Henry Rathburn, Jr., Oriskany Falls.					
MARYMAR RAG APPLE AROMATIC 854606----5 daughters		8	10,779	3.8	405
Born, 7-8-42; proved, 11-30-50; ; Wis.	5 dams----	21	9,572	3.7	353
Sire, 121075 CHB; dam, 2328248.	Difference-	(2-5-2)	+1,207	+.1	+52
Herd Owner, Abner Engaas, Ettrick.					
MATADOR BLACK LARRY 875389----------7 daughters		10	12,020	3.6	437
Born, 11-6-42; proved, 11-30-50; ; N. Y.	5 daughters	7	12,412	3.5	440
Sire, 699452; dam, 1918141.	5 dams----	6	12,742	3.5	443
Herd Owner, Howard Mears & Son, Hudson Falls.	Difference-	(3-4-3)	-330	.0	-3

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
MATADOR COLUMBO FOBES 875134 ----------	5 daughters	7	13,254	3.6	482
Born, 11-27-42; proved, 11-20-50; ; Ill.	5 dams----	21	14,898	3.8	563
Sire, 821348; dam, 1986637.	Difference-	(2-2-1)	-1,644	-.2	-81
Herd Owner, A. E. Bodman, Bement.					
MAYTAG ORMSBY FOBES 16TH 925476--------	11 daughters	15	11,853	3.8	451
Born, 10-26-44; proved, 11-2-50; ; Ill.	10 daughters	13	11,752	3.8	443
Sire, 784298; dam, 1941735.	10 dams----	25	11,254	3.7	411
Herd Owner, Dick Valk & Al Goodenough, Morrison.	Difference--	(6-6-8)	+499	+.1	+32
MERCEDES ONA DE KOL 859771----------	6 daughters	8	11,803	3.8	445
Born, 10-6-41; proved, 11-15-50; ; Mich.	5 daughters	7	11,812	3.8	453
Sire, 766302; dam, 1819722.	5 dams----	15	11,868	3.7	436
Herd Owner, O. G. Biddinger & Sons, Ithaca.	Difference-	(3-4-3)	-56	+.1	+17
MIDDLETON SIR PET ORMSBY 660925--------	15 daughters	64	9,610	3.6	345
Born, 12-24-31; proved, 11-29-50; ; N. Y.	14 daughters	62	9,617	3.5	339
Sire, 521122; dam, 1110433.	14 dams----	57	8,936	3.7	329
Herd Owner, Lawrence Jewett, Evans Mills.	Difference--	(9-5-7)	+681	-.2	+10
MOTTOHOPE CHAMPION 885842 ----------	5 daughters	6	11,568	3.5	409
Born, 8-27-43; proved, 11-7-50; dead ; N. Y.	5 dams----	25	11,623	3.5	405
Sire, 725535; dam, 2358373.	Difference-	(2-2-2)	-55	.0	+4
Herd Owner, C. F. & W. S. Johnson, Chester.					
NESHONOC FOBES JOE 876204----------	5 daughters	8	7,668	3.4	260
Born, 5-20-42; proved, 11-30-50; ; Wis.	5 dams----	27	8,245	3.2	265
Sire, 725440; dam, 1779539.	Difference-	(1-4-3)	-577	+.2	-5
Herd Owner, J. E. Leverich, Sparta.					
NEWMONT ROSE LAD (TWIN) 827040 ---------	13 daughters	16	9,552	3.7	349
Born, 4-4-41; proved, 11-30-50; ; Mass.	9 daughters-	11	9,066	3.7	333
Sire, 731387; dam, 1239019.	9 dams-----	16	11,578	3.5	407
Herd Owner, Ward McCarthy, Tyringham.	Difference--	(2-6-2)	-2,512	+.2	-74
NORLAND FOBES ORMSBY PIETERTJE 873162-	7 daughters	11	7,472	3.6	266
Born, 6-4-42; proved, 11-30-50; ; Wis.	7 dams----	33	8,494	3.5	301
Sire, 763270; dam, 1761062.	Difference-	(2-5-2)	-1,022	+.1	-35
Herd Owner, Edner Norland, Belleville.					
OLLIE ORMSBY ROSE LAD 826494 ----------	12 daughters	26	11,929	3.3	399
Born, 1-23-41; proved, 11-30-50; ; Wis.	12 dams----	41	10,701	3.4	363
Sire, 533935; dam, 1641507.	Difference--	(9-6-9)	+1,228	-.1	+36
Herd Owner, Winnebago County Hospital, Winnebago.					
OOSTIE INKARNATION COUNT 695401---------	13 daughters	25	12,002	3.4	407
Born, 3-31-33; proved, 11-16-50; ; Wis.	5 daughters-	11	13,048	3.2	423
Sire, 562189; dam, 1487986.	5 dams-----	12	12,782	3.2	414
Herd Owner, Arthur Tollefson, Orfordville.	Difference--	(4-1-4)	+266	.0	+9
ORMSBY DELLA MATADOR 761292----------	14 daughters	15	11,808	3.5	411
Born, 3-5-38; proved, 11-30-50; ; Ohio.	7 daughters-	7	13,257	3.5	461
Sire, 590283; dam, 1523983.	7 dams-----	18	12,462	3.3	416
Used in Central Ohio Co-op. A. B. A.	Difference--	(4-5-4)	+795	+.2	+45
ORMSBY SEGIS KORNDYKE BURKE 916681 ----	5 daughters	5	10,665	3.2	340
Born, 9-21-43; proved, 11-14-50; ; N. Y.	5 dams----	9	10,196	3.4	347
Sire, 830365; dam, 2308508.	Difference-	(2-1-2)	+469	-.2	-7
Herd Owner, Robert Bunt, Nineveh.					
PAGANOK ENSIGN BILL 872585---------- --	7 daughters	7	9,222	4.1	375
Born, 3-3-43; proved, 11-30-50; ; Ill.	7 dams----	25	10,958	3.7	405
Sire, 764465; dam, 1982767.	Difference-	(2-6-3)	-1,736	+.4	-31
Herd Owner, Jacksonville State Hospital, Jacksonville.					
PEERLESS CARNATION ARTIS (TWIN) 876783--	8 daughters	11	9,885	3.4	337
Born, 9-17-42; proved, 11-30-50; ; N. Y.	7 daughters	10	10,047	3.4	340
Sire, 698483; dam, 1483282.	7 dams----	19	12,151	3.4	413
Herd Owner, Laurence Smith, Sauquoit.	Difference-	(2-5-2)	-2,104	.0	-73
POND GATE DICTATOR SUPREME 876149-----	9 daughters	11	9,984	3.6	358
Born, 1-14-43; proved, 11-20-50; ; Mo.	5 daughters	6	10,163	3.6	367
Sire, 734297; dam, 1982800.	5 dams----	15	11,440	3.4	385
Herd Owner, V. W. Wallace, Shelbina.	Difference-	(1-4-2)	-1,277	+.2	-18
POSCH BURKE WAYNE SPOFFORD 939857-----	7 daughters	7	13,142	3.4	446
Born, 10-28-44; proved, 11-8-50; ; Wis.	7 dams----	30	12,194	3.5	423
Sire, 859213; dam, 2277551.	Difference-	(4-4-3)	+948	-.1	+23
Herd Owner, Lloyd Kurtz, Hales Corners.					
PRINCE PONTIAC MAN-O-WAR 2D 827404-----	5 daughters	6	10,035	3.6	357
Born, 9-14-40; proved, 11-30-50; ; N. Y.	5 dams----	16	10,492	3.6	378
Sire, 766651; dam, 1852801.	Difference-	(2-3-2)	-457	.0	-21
Herd Owner, Fred Buchanan & Sons, Cortland.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
REFORMATORY KING MARATHON AAGGIE 859481	6 daughters	10	11,499	3.4	390
Born, 9-16-42; proved, 11-2-50; ; Mich.	5 daughters	8	11,698	3.4	400
Sire, 694844; dam, 1982730.	5 dams	12	13,079	3.3	434
Herd Owner, John Detmers & Sons, Ionia.	Difference	(1-2-2)	-1,381	+.1	-34
R M F PERFECTION POSCH 876479	5 daughters	6	7,279	3.5	254
Born, 3-24-43; proved, 11-20-50; ; Vt.	5 dams	15	9,361	3.4	319
Sire, 783231; dam, 2059200.	Difference	(0-3-0)	-2,082	+.1	-65
Herd Owner, Harry C. Huntley, Leicester Junction.					
ROARING MAPLES BEAUTY SIR POSCH 827429	18 daughters	21	12,273	3.4	420
Born, 6-24-41; proved, 11-30-50; ; Pa.	7 daughters	9	12,885	3.5	450
Sire, 732080; dam, 1819348.	7 dams	7	7,891	3.5	277
Herd Owner, Benjamin Beiler, Jr., Parkersburg.	Difference	(7-4-7)	+4,994	.0	+173
ROLLING KNOLL MASTER AGPOSCH 855122	8 daughters	20	9,868	3.5	347
Born, 5-5-42; proved, 11-30-50; ; Md.	5 daughters	12	9,632	3.5	341
Sire, 769577; dam, 2085994.	5 dams	19	9,244	3.5	322
Herd Owner, E. S. Walker, Monrovia.	Difference	(2-4-2)	+388	.0	+19
SCHOHANNA GENTLEMAN SEGIS 855512	6 daughters	8	10,873	3.6	389
Born, 3-16-42; proved, 11-20-50; ; N. Y.	5 daughters	7	10,518	3.6	383
Sire, 733979; dam, 1862662.	5 dams	14	12,218	3.5	427
Herd Owner, Kester Bookhout, Oneonta.	Difference	(2-4-2)	-1,700	+.1	-44
SIEBECKER OAK INKA JOE (TWIN) 854796	9 daughters	21	13,324	3.4	456
Born, 4-14-42; proved, 11-30-50; ; Wis.	7 daughters	17	13,201	3.4	447
Sire, 790977; dam, 1833587.	7 dams	14	12,268	3.7	459
Herd Owner, Stenning Farms, Lake Geneva.	Difference	(5-1-3)	+933	-.3	-12
SIR BESS ALCARTRA TIDY 884209	13 daughters	19	14,808	3.7	542
Born, 1-27-43; proved, 11-30-50; ; Iowa.	9 daughters	11	15,796	3.6	572
Sire, 731137; dam, 2180051.	9 dams	35	11,641	3.6	418
Used in Eastern Iowa A.B.A., Inc.	Difference	(9-6-9)	+4,155	.0	+154
SIR BESS ORMSBY FOBES SUPREME 905927	7 daughters	8	16,016	3.8	612
Born, 11-25-43; proved, 11-2-50; ; Iowa.	6 daughters	7	17,115	3.8	653
Sire, 852903; dam, 1783861.	3 dams	26	12,817	3.5	450
Herd Owner, Elmer Becker, Watkins.	Difference	(6-6-6)	+4,298	+.3	+203
SIR JANNEK PONTIAC 623217	23 daughters	57	11,407	3.7	422
Born, 8-6-30; proved, 11-16-50; ; Pa.	7 daughters	13	10,807	3.9	417
Sire, 561789; dam, 1030816.	7 dams	23	13,590	3.6	488
Herd Owner, Harold K. Book, Ronks.	Difference	(0-4-0)	-2,783	+.3	-71
SIR MATADOR SEGIS OLLIE 695679	15 daughters	32	11,708	3.6	427
Born, 5-19-34; proved, 11-29-50; ; Pa.	6 daughters	17	11,429	3.7	423
Sire, 671582; dam, 1498484.	6 dams	8	13,001	3.6	473
Herd Owner, H. H. Marsh & Son, Waterford.	Difference	(3-3-2)	-1,572	+.1	-50
SIR ORMSBY FOBES CORNFLOWER (TWIN) 876920	7 daughters	11	11,732	3.7	439
Born, 12-20-42; proved, 11-30-50; ; Wis.	6 daughters	9	11,799	3.7	438
Sire, 797960; dam, 2050644.	6 dams	10	11,776	3.6	420
Herd Owner, Alfred Haigh, Alma.	Difference	(3-4-4)	+23	+.1	+18
SIR PREMIER NIG EDUCATOR 960537	5 daughters	5	9,936	3.3	330
Born, 9-11-44; proved, 11-2-50; ; Wis.	5 dams	11	10,396	3.4	359
Sire, 863688; dam, 1808712.	Difference	(2-2-2)	-460	-.1	-29
Herd Owner, Wittwer Brothers, Belleville.					
SLEEPY HOLLOW COLANTHA LAD 828703	7 daughters	10	12,463	4.0	495
Born, 5-3-41; proved, 11-30-50; ; Calif.	5 daughters	7	14,014	3.9	553
Sire, 774057; dam, 1653588.	5 dams	16	13,475	3.7	502
Herd Owner, Sleepy Hollow Certified Milk Co., Petaluma.	Difference	(3-4-4)	+539	+.2	+51
SMITHOME DON PIEBE KING 828751	9 daughters	14	11,153	3.8	432
Born, 6-1-41; proved, 11-30-50; ; N. Y.	6 daughters	9	11,300	3.8	432
Sire, 694782; dam, 1591105.	6 dams	15	13,340	3.6	474
Herd Owner, Maynard L. Smith & Son, Elmira.	Difference	(1-5-2)	-2,040	+.2	-42
SOA CORNELL BOAST 877108	6 daughters	6	9,672	3.7	354
Born, 3-13-43; proved, 11-30-50; ; N. Y.	6 dams	12	9,806	3.5	342
Sire, 785502; dam, 2065817.	Difference	(3-4-3)	-134	+.2	+12
Herd Owner, Earl Moulton, Madrid.					
SOMERSET LAD RAG APPLE 973171	12 daughters	20	9,267	3.7	342
Born, 1-10-41; proved, 11-15-50; ; Pa.	6 daughters	9	9,392	3.7	349
Sire, 769173; dam, 2715926.	6 dams	13	11,193	3.5	389
Herd Owner, Bowman Brothers, New Alexandria.	Difference	(1-5-2)	-1,801	+.2	-40

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SPIES CARNATION HOMESTEAD LAD 939182--	5 daughters	5	18,034	3.4	622
Born, 12-7-44; proved, 11-20-50; ; Iowa.	5 dams----	15	16,323	3.6	584
Sire, 873324; dam, 1953535.	Difference-	(5-3-4)	+1,711	-.2	+38
Herd Owner, Joe C. Fuhr, Boyden.					
S P S WISOF PEERLESS COLUMBO 946533-----	5 daughters	7	10,520	3.6	376
Born, 10-13-43; proved, 11-8-50; ; Wis.	5 dams----	16	8,221	3.5	289
Sire, 835553; dam, 2214154.	Difference-	(5-4-5)	+2,299	+.1	+87
Herd Owner, Ellis Hohn, Cashton.					
SUMMIT GOVERNOR INKADOR 740308 --------	15 daughters	24	12,757	3.6	457
Born, 11-25-36; proved, 11-29-50; ; Ind.	5 daughters-	8	12,183	3.4	414
Sire, 629472; dam, 1565802.	5 dams-----	15	10,900	3.4	372
Herd Owner, Sam Inglis, Summitville.	Difference--	(4-1-3)	+1,283	.0	+42
THENDARA JOY OF PLEDGE AGNI BOAST (TWIN) 828730 ----------	11 daughters	16	11,374	3.5	397
Born, 4-6-41; proved, 11-30-50; ; N. Y.	9 daughters-	14	11,620	3.4	400
Sire, 729488; dam, 1897829.	9 dams-----	21	9,677	3.6	350
Herd Owner, Donald Branagan, Lebanon.	Difference--	(8-2-7)	+1,943	-.2	+50
TOPLIFF APPLE CHIEFTAIN 908349----------	9 daughters	10	11,501	3.4	395
Born, 10-20-43; proved, 11-20-50; ; Kans.	5 daughters	6	11,827	3.4	400
Sire, 805239; dam, 1803763.	5 dams----	14	12,241	3.3	405
Herd Owner, Orval Stephenson, Belleville.	Difference-	(2-4-3)	-414	+.1	-5
TOWERLINE ORMSBY SEGIS 741900----------	6 daughters	6	11,315	3.1	347
Born, 10-12-36; proved, 11-29-50; ; Mich.	6 dams----	22	10,238	3.5	360
Sire, 676001; dam, 1634618.	Difference-	(5-0-4)	+1,077	-.4	-13
Herd Owner, John Schwab, Bay City.					
TRITOMIA ROSCOE SEGIS BOY 749408--------	6 daughters	14	11,637	3.4	401
Born, 1-2-37; proved, 11-30-50; ; Ky.	5 daughters	12	11,872	3.4	400
Sire, 644451; dam, 1655971.	5 dams----	13	13,407	3.5	471
Herd Owner, Clifford F. Pearce, Anchorage.	Difference-	(1-2-1)	-1,535	-.1	-71
TYLER FARMS POSCH RAG APPLE LAD 915705----------	7 daughters	7	12,364	3.8	468
Born, 5-18-44; proved, 11-2-50; alive ; Conn.	5 daughters	5	12,945	3.8	491
Sire, 653486; dam, 1789224.	5 dams----	6	9,556	3.2	307
Herd Owner, Henry Lanz, Rockville.	Difference-	(4-5-5)	+3,389	+.6	+184
TYLER FARMS RAG APPLE CHIEF 879419----	9 daughters	12	9,059	3.9	355
Born, 1-22-43; proved, 11-7-50; ; Vt.	7 daughters	9	8,659	4.0	346
Sire, 827071; dam, 2150898.	7 dams----	25	9,590	3.7	359
Herd Owner, Max L. Gray, Plainfield.	Difference-	(2-6-3)	-931	+.3	-13
U T ORMSBY DE KOL VEEMAN STAR 621095--	6 daughters	10	10,605	3.1	324
Born, 10-13-29; proved, 11-16-50; ; Tenn.	6 dams----	22	12,258	3.6	438
Sire, 356098; dam, 1023385.	Difference-	(2-1-1)	-1,653	-.5	-114
Herd Owner, Johnson Bible College, Kimberlin Heights.					
U V M IDEAL DUKE 873999----------	11 daughters	11	11,038	3.4	379
Born, 2-2-43; proved, 11-30-50; ; Vt.	11 dams----	30	10,640	3.5	371
Sire, 734441; dam, 1771117.	Difference--	(7-7-7)	+398	-.1	+8
Herd Owner, H. A. Foster, Salisbury.					
VANGELAND SEGIS FOBINKA 864925----------	6 daughters	6	12,080	3.2	387
Born, 1-15-43; proved, 11-7-50; ; N. Y.	6 dams----	25	11,605	3.3	382
Sire, 823502; dam, 2247216.	Difference-	(3-3-2)	+475	-.1	+5
Herd Owner, Fred Hollenbeck, Tully.					
VAN HOOSEN LOCHINVAR BONHEUR 876687--	6 daughters	6	14,217	3.3	472
Born, 3-3-43; proved, 11-30-50; ; Mich.	6 dams----	16	14,079	3.4	485
Sire, 855938; dam, 2323933.	Difference-	(3-3-2)	+138	-.1	-13
Herd Owner, Clayton Rohlfs, Fairgrove.					
VERNWAY IMPERIAL MADCAP BLEND 929320-	6 daughters	6	12,261	4.0	486
Born, 12-21-44; proved, 11-30-50; ; Wash.	6 dams----	27	10,409	4.0	416
Sire, 837650; dam, 2048936.	Difference-	(6-4-6)	+1,852	.0	+70
Herd Owner, Ward Crowley, Deer Park.					
VICTORY DUKE VALE ORMSBY 908739---------	7 daughters	9	11,417	4.1	464
Born, 12-18-43; proved, 11-15-50; ; Wis.	7 dams----	32	12,263	3.7	451
Sire, 780059; dam, 2020786.	Difference-	(2-7-5)	-846	+.4	+13
Herd Owner, Wallace Jerome, Barron.					
WAL-CO-FARM KING GLORIA WALKER 861956----------	13 daughters	25	13,652	3.5	475
Born, 7-25-42; proved, 11-7-50; ; Wis.	7 daughters-	11	14,287	3.5	504
Sire, 746634; dam, 1675643.	7 dams-----	13	12,061	3.3	400
Herd Owner, W. B. Meyers & Son, Elkhorn.	Difference--	(5-6-5)	+2,226	+.2	+104
YPSI COLLEGE KING 747212----------	6 daughters	7	12,783	3.2	414
Born, 9-1-36; proved, 11-30-50; ; Mich.	5 daughters	6	12,643	3.3	420
Sire, 701944; dam, 1467684.	5 dams----	13	10,668	3.4	368
Herd Owner, Michigan School for Deaf, Flint.	Difference-	(4-3-4)	+1,975	-.1	+62

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
ALDERWOLD FLASH 453099----------	6 daughters	11	8,187	5.9	485
Born, 2-16-43; proved, 11-7-50; dead ; Oreg.	5 daughters	10	8,465	5.9	496
Sire, 411271; dam, 1286855.	5 dams----	10	8,452	5.4	454
Herd Owner, W. E. Porterfield, Ada.	Difference-	(2-4-3)	+13	+.5	+42
BETTER TIMES 395005----------	7 daughters	11	6,021	5.4	325
Born, 11-11-37; proved, 11-30-50; ; Ind.	5 daughters	8	5,746	5.4	310
Sire, 375924; dam, 852231.	5 dams----	9	7,440	5.6	414
Herd Owner, Bergen La Grange, Franklin.	Difference-	(0-2-1)	-1,694	-.2	-104
BRAVO CORONATION LAD 451466----------	8 daughters	11	6,928	4.9	343
Born, 2-23-43; proved, 11-7-50; ; N. Y.	8 dams----	39	7,375	4.8	355
Sire, 364443; dam, 1124600.	Difference-	(3-5-4)	-447	+.1	-12
Herd Owner, John Thomson, Bovina Center.					
CHIEF LASSIE KING 450105----------	5 daughters	9	8,472	5.6	470
Born, 4-7-43; proved, 11-7-50; ; Wis.	5 dams----	9	7,764	5.6	434
Sire, 366290; dam, 1158543.	Difference-	(4-2-5)	+708	.0	+36
Herd Owner, George E. Holmes, Hudson.					
COIFFURE NOBLY BORN 429052----------	6 daughters	12	8,769	4.7	411
Born, 10-30-41; proved, 11-2-50; ; Ala.	5 daughters	11	9,206	4.7	429
Sire, 391183; dam, 1218737.	5 dams----	7	7,192	4.9	349
Herd Owner, G. V. Mitchell, Albertville.	Difference-	(4-1-4)	+2,014	-.2	+80
CORONATION ROYAL PRINCE 412943----------	22 daughters	28	9,009	4.9	441
Born, 6-21-40; proved, 11-3-50; ; Calif.	22 dams----	88	7,665	5.1	394
Sire, 370025; dam, 1203426.	Difference--	(15-10-15)	+1,344	-.2	+47
Herd Owner, Joseph R. Nunes, Lompoc.					
DONNA'S NOBLE DESIGN 422363----------	9 daughters	13	9,458	5.4	507
Born, 11-10-40; proved, 11-2-50; ; Wash.	8 daughters	12	9,321	5.5	512
Sire, 391183; dam, 1188828.	8 dams----	44	9,827	5.9	575
Herd Owner, Earl McPherson, Enumclaw.	Difference-	(4-2-4)	-506	-.4	-63
FAIR WEATHER OPAL PAT 450292----------	9 daughters	15	7,088	5.5	386
Born, 1-16-42; proved, 11-7-50; ; N. Y.	8 daughters	14	7,160	5.4	389
Sire, 385022; dam, 1319386.	8 dams----	20	7,315	5.2	383
Herd Owner, Frank B. Kimmey & Son, East Greenbush.	Difference-	(3-6-3)	-155	+.2	+6
FAUVIC LAD SULTAN 367340----------	6 daughters	8	7,782	4.6	355
Born, 7-20-34; proved, 11-14-50; ; Mich.	5 daughters	7	8,170	4.3	352
Sire, 348580; dam, 846514.	5 dams----	10	7,564	5.1	389
Herd Owner, Eugene Parker, Montague.	Difference-	(4-0-3)	+606	-.8	-37
GRACE'S SYBIL ASHBURN KHAN 425969----------	11 daughters	12	7,709	5.1	391
Born, 9-1-41; proved, 11-2-50; ; Minn.	8 daughters-	8	8,280	5.2	428
Sire, 305849; dam, 1149300.	8 dams-----	13	6,840	5.0	340
Herd Owner, Elmer Erdman, Wykoff.	Difference--	(5-6-5)	+1,440	+.2	+88
HERMITAGE STORMY VICTOR 413167----------	16 daughters	28	7,170	5.5	397
Born, 2-16-40; proved, 11-2-50; dead ; N. Y.	6 daughters-	10	6,783	5.6	383
Sire, 379780; dam, 1149695.	6 dams-----	11	9,021	4.9	442
Herd Owner, Eric Sutton, Cornwallville.	Difference--	(1-5-3)	-2,238	+.7	-59
K. TORONO LASS LAD'S PARAGON 363403----------	18 daughters	30	6,180	5.3	329
Born, 1-27-34; proved, 11-29-50; ; Vt.	5 daughters-	10	6,406	5.4	346
Sire, 291790; dam, 775893.	5 dams-----	14	6,348	5.1	327
Herd Owner, Carroll R. Leach & Son, Enosburg Falls.	Difference--	(3-5-3)	+58	+.3	+19
LADY'S REMUS BARONET 428008----------	12 daughters	19	9,121	4.7	430
Born, 12-7-40; proved, 11-30-50; ; Oreg.	6 daughters-	9	8,934	4.7	420
Sire, 360430; dam, 1182398.	6 dams-----	8	8,760	4.6	405
Herd Owner, M. B. Findley, Rickreall.	Difference--	(3-2-3)	+174	+.1	+15
MAIDEN'S MASTERMAN CAPTAIN 427086----------	9 daughters	16	7,905	5.0	394
Born, 4-4-41; proved, 11-2-50; dead ; Oreg.	5 daughters	9	8,096	4.8	390
Sire, 279190; dam, 914781.	5 dams----	14	7,430	5.3	393
Herd Owner, David Hagg & Sons, Reedville.	Difference-	(4-1-2)	+666	-.5	-3
MERMAID'S SUPERB OWL 370828----------	13 daughters	21	6,119	5.0	306
Born, 9-4-35; proved, 11-14-50; dead ; Minn.	8 daughters-	16	6,204	4.9	304
Sire, 346246; dam, 960961.	8 dams-----	23	7,088	5.1	358
Herd Owner, Ira Benham, Park Rapids.	Difference--	(2-3-1)	-884	-.2	-54
MICHIGAN OXFORD MAJESTY 335421----------	13 daughters	24	8,033	5.4	434
Born, 12-24-30; proved, 11-2-50; ; Mich.	7 daughters-	14	8,578	5.3	457
Sire, 194626; dam, 693902.	7 dams-----	16	8,618	5.4	464
Herd Owner, Stanley Thorpe, Saranac.	Difference--	(3-3-1)	-40	-.1	-7
NEW YEAR VOLUNTEER 434238----------	10 daughters	15	7,912	4.8	382
Born, 1-1-41; proved, 11-10-50; dead; N. Y.	10 dams----	29	7,704	5.2	402
Sire, 371003; dam, 1033914.	Difference--	(5-0-5)	+208	-.4	-20
Herd Owner, Gould Brothers, East Hampton.					

JERSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
NINETTE'S ASTOR OBSERVER 414924----------	16 daughters	20	7,690	5.1	396
Born, 10-28-39; proved, 11-2-50; ; Tenn.	7 daughters-	8	8,593	5.3	458
Sire, 369395; dam, 903092.	7 dams-----	17	6,763	5.3	360
Herd Owner, Frank Rambo & Son, Fayetteville.	Difference--	(5-3-5)	+1,830	.0	+98
NOBLEMAN OWL TORONO 372481----------	5 daughters	5	7,034	4.9	343
Born, 11-15-35; proved, 11-2-50; ; Wis.	5 dams----	18	6,379	5.5	350
Sire, 237791; dam, 1040446.	Difference-	(3-1-1)	+655	-.6	-7
Herd Owner, Sidney Buxton, Clayton.					
OBSERVER BARON 364190----------	10 daughters	14	7,413	5.4	399
Born, 11-7-34; proved, 11-29-50; ; Ohio.	5 daughters-	6	7,961	5.3	423
Sire, 340671; dam, 977732.	5 dams-----	8	6,392	5.1	323
Herd Owner, Walter Bee, Bethel.	Difference--	(4-4-3)	+1,569	+.2	+100
POLO BOB 368956----------	15 daughters	83	7,474	5.6	417
Born, 1-19-34; proved, 11-2-50; ; Wash.	12 daughters	70	7,148	5.7	406
Sire, 356058; dam, 934821.	12 dams----	13	8,660	5.5	491
Herd Owner, J. Gilmore Bell, Sequim.	Difference--	(1-9-1)	-1,712	+.2	-85
RALEIGH DESIGN MAJESTY 451870----------	5 daughters	9	5,859	5.1	299
Born, 7-26-43; proved, 11-30-50; ; Mo.	5 dams----	23	6,393	5.4	345
Sire, 405474; dam, 1236786.	Difference-	(2-0-2)	-534	-.3	-46
Herd Owner, Arthur Auer, Ravenwood.					
ROYAL FORFARSHIRE 364828----------	7 daughters	7	8,504	4.8	407
Born, 8-12 34; proved, 11-30-50; ; Ind.	7 dams----	18	8,246	5.0	413
Sire, 327471; dam, 839301.	Difference-	(4-2-3)	+258	-.2	-6
Herd Owner, Daniel J.-Snider, New Paris.					
STANDARD COME SON 448013----------	13 daughters	19	8,436	5.7	482
Born, 11-8-42; proved, 11-7-50; alive ; Oreg.	6 daughters-	7	8,641	5.9	508
Sire, 376838; dam, 980343.	6 dams-----	8	11,350	5.6	637
Herd Owner, Rex Ross, Mt. Angel.	Difference--	(1-5-2)	-2,709	+.3	-129
STANDARD DANDY KING 422332----------	22 daughters	35	8,240	5.5	454
Born, 4-4-40; proved, 11-2-50; dead ; Wash.	5 daughters-	7	8,646	5.6	483
Sire, 376838; dam, 1198367.	5 dams-----	9	8,938	5.0	447
Herd Owner, W. E. Bliss, Vancouver.	Difference--	(1-3-3)	-292	+.6	+36
SYBIL BARONET GOLDEN LAD 399330----------	27 daughters	42	7,215	5.4	393
Born, 2-9-39; proved, 11-14-50; ; Va.	9 daughters-	18	7,705	5.4	418
Sire, 305849; dam, 1126171.	9 dams-----	12	7,804	5.4	423
Herd Owner, R. F. Hill, Jr. & Son, Orange.	Difference--	(3-5-4)	-99	.0	-5
SYBIL CID CHECKMATE 449763----------	14 daughters	19	5,213	4.9	257
Born, 8-4-42; proved, 11-7-50; dead ; N. Y.	8 daughters-	11	4,989	4.8	240
Sire, 401068; dam, 1243360.	8 dams-----	17	6,593	5.0	329
Herd Owner, William P. Mix, Schoharie.	Difference--	(2-3-0)	-1,604	-.2	-89
SYBIL'S ASHBURN BARONET 305849----------	21 daughters	35	7,251	5.5	396
Born, 9-2-28; proved, 11-30-50; ; Minn.	8 daughters-	13	6,597	5.5	365
Sire, 201755; dam, 675371.	8 dams-----	20	7,805	5.5	430
Herd Owner, Blue Gentian Farms, St. Paul.	Difference--	(3-5-4)	-1,208	.0	-65
SYLVAN DAWN KING 449398----------	6 daughters	6	5,859	4.9	288
Born, 4-12-43; proved, 11-7-50; dead ; Wash.	5 daughters	5	5,705	4.9	280
Sire, 380242; dam, 1148698.	5 dams----	11	6,924	5.0	347
Herd Owner, Everett Gahringer, Wenatchee.	Difference-	(2-1-2)	-1,219	-.1	-67
THOMAS OAKLANDS X JACK 449819----------	5 daughters	6	5,711	5.2	299
Born, 3-12-43; proved, 11-7-50; ; Wis.	5 dams----	12	6,594	5.5	364
Sire, 385925; dam, 1244784.	Difference-	(1-3-1)	-883	-.3	-65
Herd Owner, Edwin J. Keup, Cedarburg.					
TRINITY LA ROCCA DUKE 356579----------	34 daughters	98	9,686	5.0	484
Born, 11-20-32; proved, 11-28-50; ; Conn.	11 daughters	28	9,581	5.0	478
Sire, 282239; dam, 550490.	11 dams----	33	10,097	4.8	482
Herd Owner, Pinnacle Rock Farm, Plainville.	Difference--	(4-11-6)	-516	+.2	-4
VOL. CHAMPION OBSERVER 410238----------	6 daughters	12	8,383	5.7	477
Born, 9-14-39; proved, 11-2-50; dead ; Calif.	5 daughters	9	8,135	5.6	456
Sire, 385749; dam, 894502.	5 dams----	10	8,467	5.8	492
Herd Owner, Glen Winkler, Sebastopol.	Difference-	(1-2-1)	-332	-.2	-36
VOLUNTEER DIPSY CALVIN 475700----------	10 daughters	10	9,127	5.2	478
Born, 1-19-46; proved, 11-3-50; alive ; Vt.	8 daughters-	8	8,791	5.4	471
Sire, 454316; dam, 1289902.	8 dams-----	17	7,388	5.8	420
Herd Owner, Hutchinson Farm, Tunbridge.	Difference--	(7-2-5)	+1,403	-.4	+43
VOLUNTEER PETE OF W. F. 445450----------	5 daughters	6	6,110	5.6	344
Born, 11-10-42; proved, 11-3-50; dead ; Minn.	5 dams----	16	5,666	5.3	299
Sire, 402533; dam, 1257513.	Difference-	(4-5-5)	+444	+.3	+45
Herd Owner, Roland E. Durkee, Kensington.					

MILKING SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
BORG'S OXFORD WATERLOO 1825169---------	8 daughters	14	7,757	3.9	305
Born, 10-5-34; proved, 11-29-50; ; Wis.	5 daughters	10	7,536	4.0	305
Sire, 1712133; dam, 1631119.	5 dams----	13	8,502	3.9	332
Herd Owner, Edgar Gray, Hilbert.	Difference-	(2-4-2)	-966	+.1	-27
BRACELET'S CONQUEROR (TWIN) 2066118----	7 daughters	14	7,948	4.0	316
Born, 8-6-41; proved, 11-30-50; ; N. J.	5 daughters	10	8,846	4.0	354
Sire, 1931064; dam, 1839109.	5 dams----	12	7,044	3.7	260
Herd Owner, Wilmer D. Zurkle, Califon.	Difference-	(4-4-4)	+1,802	+.3	+94
DAIRYLOU GRAND DUKE 1996855----------	8 daughters	9	7,782	3.9	307
Born, 12-12-39; proved, 11-15-50; dead ; N. Y.	7 daughters	8	7,864	3.9	307
Sire, 1892990; dam, 1770668.	7 dams----	12	7,385	3.7	273
Herd Owner, Last Chance Ranch, Lake Placid.	Difference-	(2-5-2)	+479	+.2	+34
FAIRPLAIN RINGMASTER 1790020----------	8 daughters	10	6,682	3.5	236
Born, 10-22-33; proved, 11-15-50; ; Utah.	6 daughters	8	6,870	3.6	247
Sire, 1462515; dam, 1692735.	6 dams----	14	7,980	3.6	286
Herd Owner, Oxyoke Farm, Pleasant View.	Difference-	(2-3-2)	-1,110	.0	-39
FRAVEL FARM'S PRIDE 2179065----------	5 daughters	5	8,744	4.0	347
Born, 2-10-43; proved, 11-16-50; alive; Minn.	5 dams----	7	6,294	3.7	236
Sire, 1959734; dam, 1899776.	Difference-	(4-5-4)	+2,450	+.3	+111
Used in South Dakota Co-op. A.B.A., S. Dak.					
GIFT'S ROAN DUKE 1965135----------	12 daughters	30	8,138	3.7	305
Born, 10-14-37; proved, 11-15-50; ; Iowa.	5 daughters-	9	8,231	3.6	297
Sire, 1501668; dam, 1835238.	5 dams-----	13	7,555	3.9	291
Herd Owner, Olvert J. Rippentrop, Lakota.	Difference--	(3-2-3)	+676	-.3	+6
GRIFFARM FLASH 2015201----------	7 daughters	11	7,856	4.0	315
Born, 3-6-40; proved, 11-30-50; ; Kans.	5 daughters	7	8,545	4.0	345
Sire, 1934223; dam, 1831720.	5 dams----	18	7,770	4.1	317
Herd Owner, W. L. Hartman, Wichita.	Difference-	(3-2-3)	+775	-.1	+28
MAPLEWOOD STANDARD 1926635----------	9 daughters	16	6,534	3.9	252
Born, 12-20-37; proved, 11-30-50; ; Kans.	5 daughters	8	6,746	3.7	249
Sire, 1791767; dam, 1824918.	5 dams----	25	5,479	4.0	220
Herd Owner, Retnuh Farms, Geneseo.	Difference-	(4-1-4)	+1,267	-.3	+29
RED DUKE OF ELLENDALE 1893460----------	7 daughters	7	6,108	3.9	236
Born, 2-4-37; proved, 1 -30-50; ; Mich.	6 daughters	6	6,176	3.9	239
Sire, 1821987; dam, 1762444.	6 dams----	15	7,293	3.5	257
Herd Owner, Wasta S. Huber, Cladwin.	Difference-	(1-5-4)	-1,117	+.4	-18
WATCHAND 1983782----------	7 daughters	10	7,164	3.9	282
Born, 9-19-39; proved, 11-14-50; ; Va.	5 daughters	8	6,670	3.9	261
Sire, 1789622; dam, 1817303.	5 dams----	12	7,401	3.9	289
Herd Owner, R. G. Pierce, Rectortown.	Difference-	(2-3-2)	-731	.0	-28

AMERICAN DAIRY CATTLE CLUB SIRES

ELMDALE CARNATION 808
(This sire is also a registered Guernsey "Elmdale Carnation 267510." Proved Sire data included in Guernsey listing.)

ELMWOOD FARMS JILL'S JUDE 1001
(This sire is also a registered Guernsey "Elmwood Farms Jill's Jude 299827." Proved Sire data included in Guernsey listing.)

G C B CARNATION GOVERNOR WHARTON 1634
(This sire is also a registered Holstein "G C B Carnation Governor Wharton 977276." Proved Sire data included in Holstein listing.)

GREEN GABLES NIPIGON 531
(This sire is also a registered Guernsey "Green Gables Nipigon 281475." Proved Sire data included in Guernsey listing.)

LOCKSHORE MONOGRAM 285
(This sire is also a registered Guernsey "Lockshore Monogram 203591." Proved Sire data included in Guernsey listing.)

RESERVATION LOUIS D'OR 554
(This sire is also a registered Guernsey "Reservation Louis D'Or 189056." Proved Sire data included in Guernsey listing.)

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